The vProtector Cookbook - Version 1.1

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Chapter 1 Preface and Overview

This document focuses on configuration examples for VSS Monitoring's vProtector product line. All information is confidential, a signed NDA is required to discuss with partners, re-sellers or customers.

Currently there are 7 chapters, totaling 163 pages, please feel free to add any input! This is a preliminary rough draft, based primarily on screen captures that still requires extensive editing for content. All information presented is a best effort of a combination of email threads, SE trainings, data on <u>\blue.internal.vss</u>, the SE Wiki and various sources such as the VSS Partner Portal or the <u>VSS</u> <u>Knowledgebase</u>. Credit needs to be given to Ollie Sheridan who originally created the Filtering Cookbook and to all of the SEs and others who have contributed to it the along the way. The Filtering Cookbook will be used as the inspiration for this work; please do not take this document as gospel, your mileage will vary widely depending on network speed/traffic conditions, tool combinations and the amount of tuning you do to the solution.

For comprehensive testing and configuration assistance please consult the VSS Corporate SE Team or the VSS Validation Laboratory.

Chapter 2 Silicon Valley Bank

Overview: 3 Data Centers (Salt Lake City, San Jose, London). 5 vProtector 612s were proposed, all copper 1G links and tools.

Requirements: Security in Series required for all locations, different tools at different locations.

Location: Data Center 1 (Salt Lake City).

- 2 Internet WAN Links (Active and Passive)
 - o Tools
 - McAfee IPS (In-line), WAF (In-line)
- 2 eCommerce WAN Links (Active and Passive)
 - o Tools
 - McAfee IPS (In-Line), FireEye (Inline) 2 ports requiring LB, Vontu (Inline)

Location: Data Center 2 (San Jose).

- 2 Internet WAN Links (Active and Passive)
 - o Tools
 - McAfee IPS (In-line), WAF (In-line)
- 2 eCommerce WAN Links (Active and Passive)
 - o Tools
 - McAfee IPS (In-Line), FireEye (Inline) 2 ports requiring LB, Vontu (Inline)

Location: Data Center 3 (London).

- 2 Internet WAN Links (Active and Passive)
 - o Tools
 - McAfee IPS (In-line), WAF (In-line)

Chapter 3 Lightspeed Lightspeed 2020 Trigger Functionality

4 Lightspeed Rocket 1900 Appliance 1 (Health Check Failure)

LightSpeed 2020 with 4 Rocket 19	00s and Healthcheck Triggers	
Trigger Policies	Current Trigger States	
1: Safety Net (s-c)	Safety Net (s-c)	FalseInactive
3: Safety Net (Combo) Trigger Name:	Safety Net (o-6)	FalseInactive
4: Lightspeed 1900 Appliance 1 Healthcheck Failure 5: Lightspeed 1900 Appliance 1 Port Offline Failure	Safety Net (Combo)	FalseInactive
6: Lightspeed 1900 Appliance 1 Combo Check Failure Save Trigger Erase Trigger	Lightspeed 1900 Appliance 1 Healthcheck Failure	FalseInactive
7: Lightspeed 1900 Appliance 2 Healthcheck Failure	Lightspeed 1900 Appliance 1 Port Offline Failure	False/Inactive
	Lightspeed 1900 Appliance 1 Combo Check Failure	False/Inactive
This Trigger will be True/Active: Based upon a Health Check packet test	Lightspeed 1900 Appliance 2 Healthcheck Failure	False/Inactive
	Lightspeed 1900 Appliance 2 Port Offline Failure	False/Inactive
Send a Health-Check packet every 1 seconds. VValt 1 seconds for a return/reply packet.	Lightspeed 1900 Appliance 2 Combo Check Failure	False/Inactive
	Lightspeed 1900 Appliance 3 Healthcheck Failure	False/Inactive
Trigger FalseInactive If:	Lightspeed 1900 Appliance 3 Port Offline Failure	False/Inactive
A return packet is received (upstream response test) No return packet is received (upstream filtering test)	Lightspeed 1900 Appliance 3 Combo Check Fallure	False/Inactive
	Lightspeed 1900 Appliance 4 Healthcheck Fallure	False/Inactive
Trigger True/Active: If no returnineply packet is received after 1 attempts	Lightspeed 1900 Appliance 4 Port Offline Failure	False/Inactive
Initial state:	Lightspeed 1900 Appliance 4 Combo Check Failure	False/inactive
Falselinactive (Initially assume success)	Lightspeed 1900 1/2 Appliance Failure	False/Inactive
C True/Active (Initially assume failure)	Lightspeed 1900 1/3 Appliance Failure	False/inactive
Send the Health-Check packet on these ports:	Lightspeed 1900 1/4 Appliance Failure	False/Inactive
2A 2B 🗹 3A 3B 4A 4B 5A 5B 6A 6B 7A 7B	Lightspeed 1900 2/3 Appliance Failure	False/inactive
84 88 54 98 104 108 114 118 124 12B	Lightspeed 1900 2/4 Appliance Failure	False/inactive
Health-Check packet (Jata:	Lightspeed 1900 1/2/3 Appliance Failure	FalseInactive
Mac Destination: FFFFFFFFFF Mac Source (this tap): [0004F3030000	Lightspeed 1900 1/2/4 Appliance Failure	False/inactive
Etype: 0800	Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
Payload: CA5442EDFE8E000C2922D3AE08004500003F5AEC00004011D42B0	Lightspeed 1900 2/3/4 Appliance Failure	False/inactive
A10366D0A10010AD79F0035002B4BD39F1E010000010000000000 00037777770977637363686F6F6C7303636F6D0000010001	Lightspeed 1900 ALL (1-4) Appliance Failure	FalseInactive
Check for a returnireply packet on these ports:		
24 28 34 738 44 48 54 58 64 68 74 78 84 88 54 58 104 108 114 118 124 128		
Return/reply packet filter condition: (mac source <this tap=""> OR mac destination <this tap="">) AND (no additional filter</this></this>		
When this Trigger is True/Active then take these actions: Image: Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Send an SNMP TrapiNotification Send a Sysiog message Turn on the front-panel Flag LED Disable the following ports (force link-down):		

5 Lightspeed Rocket 1900 Appliance 1 (Port Offline Failure)

LightSp	eed 2020 with 4 Rock	et 1900s and Healthcheck Trigg	ers
		Current Trigger States	
Trigger Policies		Safety Net (s-c)	False/Inactive
1: Safety Net (s-c)		Safety Net (c-s)	False/Inactive
2: Safety Net (c-s)		Safety Net (Combo)	False/Inactive
	rigger Name:	Lightspeed 1900 Appliance 1 Healthcheck Failure	True/Active
4: Lightspeed 1900 Appliance 1 Healthcheck Fail 5: Lightspeed 1900 Appliance 1 Port Offline Failu	speed 1900 Appliance 1 Port Of	Lightspeed 1900 Appliance 1 Port Offline Failure	True/Active
6: Lightspeed 1900 Appliance 1 Combo Check Fa	Save Trigger Erase Trigger	Lightspeed 1900 Appliance 1 Combo Check Failure	True/Active
7: Lightspeed 1900 Appliance 2 Healthcheck Fail 8: Lightspeed 1900 Appliance 2 Port Offline Failur		Lightspeed 1900 Appliance 2 Healthcheck Failure	False/Inactive
		Lightspeed 1900 Appliance 2 Port Offline Failure	False/Inactive
This Trigger will be True/Active: Based upon port link up/down	•	Lightspeed 1900 Appliance 2 Combo Check Failure	False/Inactive
		Lightspeed 1900 Appliance 3 Healthcheck Failure	False/Inactive
Trigger whenever: O ANY of these ports are ONLINE (link up)		Lightspeed 1900 Appliance 3 Port Offline Failure	False/Inactive
All of these ports are ONLINE (link up) All of these ports are ONLINE (link up)		Lightspeed 1900 Appliance 3 Combo Check Failure	False/Inactive
ANY of these ports are OFFLINE (link down)		Lightspeed 1900 Appliance 4 Healthcheck Failure	False/Inactive
ALL of these ports are OFFLINE (link down)		Lightspeed 1900 Appliance 4 Port Offline Failure	False/Inactive
□ 1A □ 1B □ 2A □ 2B ☑ 3A ☑ 3B □ 4A □	4B 5A 5B 6A 🗖	Lightspeed 1900 Appliance 4 Combo Check Failure	False/Inactive
6B 7A 76 8A 88 9A 9B 10A	10B 11A 11B 12A	Lightspeed 1900 1/2 Appliance Failure	False/Inactive
12B	108 IIIA IIIB II2A II	Lightspeed 1900 1/2 Appliance Failure	False/Inactive
When this Trigger is True/Active then take these actions:		Lightspeed 1900 1/4 Appliance Failure	False/Inactive
Apply any Monitor Settings or Bypass Settings which are condition	oned on this Trigger.	Lightspeed 1900 2/3 Appliance Failure	False/Inactive
Send an SNMP Trap/Notification		Lightspeed 1900 2/4 Appliance Failure	False/Inactive
Send a Syslog message		Lightspeed 1900 1/2/3 Appliance Failure	False/Inactive
Turn on the front-panel Flag LED Disable the following ports (force link-down):		Lightspeed 1900 1/2/4 Appliance Failure	False/Inactive
 Disable the following ports (force link-down). 		Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
		Lightspeed 1900 2/3/4 Appliance Failure	False/Inactive
		Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inactive

6 Lightspeed Rocket 1900 Appliance 1 (Combo Check Failure)

	Trigger Policies		Current Trigger State	s
1: Safety Net (s-c) 2: Safety Net (c-s)			Safety Net (s-c)	False/Inactive
3: Safety Net (Combo) 4: Lightspeed 1900 Appliance 1 Health 5: Lightspeed 1900 Appliance 1 Port Of	ncheck Failure Lightspee	Name: ed 1900 Appliance 1 Combo	Safety Net (C-s) Safety Net (Combo)	False/Inactive
6: Lightspeed 1900 Appliance 1 Combo 7: Lightspeed 1900 Appliance 2 Health	o Check Failure S	ave Trigger Erase Trigger	Lightspeed 1900 Appliance 1 Healthcheck Failure	True/Active
8: Lightspeed 1900 Appliance 2 Port O			Lightspeed 1900 Appliance 1 Port Offline Failure	True/Active
This Trigger will be True/Active: Based upo	on other Triggers	•	Lightspeed 1900 Appliance 1 Combo Check Failure Lightspeed 1900 Appliance 2 Healthcheck	True/Active
Selected Trigger(s):			Failure Lightspeed 1900 Appliance 2 Port Offline	False/Inactive
	Safety Net (o-s)	Safety Net (Combo)	Failure Lightspeed 1900 Appliance 2 Combo Check Failure	False/Inactive
Healthcheck Failure 0	Lightspeed 1900 Appliance 2 Combo	Healthcheck Failure	Lightspeed 1900 Appliance 3 Healthcheck Failure	False/Inactive
Offline Failure C	Check Failure	Healthcheck Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	False/Inactive
Offline Failure C	Check Failure	Healthcheck Failure	Lightspeed 1900 Appliance 3 Combo Check Failure Lightspeed 1900 Appliance 4 Healthcheck	False/Inactive
Offline Failure C		Failure	Lightspeed 1900 Appliance 4 Port Offline	False/Inactive
Failure F	Failure	Failure	Failure Lightspeed 1900 Appliance 4 Combo	False/Inactive
Failure F	ailure	Failure	Check Failure Lightspeed 1900 1/2 Appliance Failure	False/Inactive
	ailure	Appliance Failure	Lightspeed 1900 1/3 Appliance Failure	False/Inactive
Any of the selected triggers are	▼ TRUE/ACTIVE		Lightspeed 1900 2/3 Appliance Failure	False/Inactive
Make this Trigger True/Active only when the a	bove conditions have been met conti	nuously for at least 0 seconds.	Lightspeed 1900 2/4 Appliance Failure	False/Inactive
Revert this Trigger back to False/Inactive only 0 seconds.	y after the above conditions have not	been met continuously for at least	Lightspeed 1900 1/2/3 Appliance Failure	False/Inactive
When this Trigger is True/Active then take			Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
Apply any Monitor Settings or Bypass Sett	tings which are conditioned on this T	rigger.	Lightspeed 1900 2/3/4 Appliance Failure Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inactive
Send a Syslog message Turn on the front-panel Flag LED Disable the following ports (force link-do	wn):		Fainte	

7 Lightspeed Rocket 1900 Appliance 2 (Health Check Failure)

Trigger Policies		
	Current Trigger States	
1: Safety Net (s-c)	Safety Net (s-c)	False/Inactive
3: Safety Net (Combo) Trigger Name:	Safety Net (c-s)	False/Inactive
4: Lightspeed 1900 Appliance 1 Healthcheck Failure Lightspeed 1900 Appliance 2 Healthc	Safety Net (Combo)	False/Inactive
5: Lightspeed 1900 Appliance 1 Port Offline Failure 6: Lightspeed 1900 Appliance 1 Combo Check Failure 7: Lightspeed 1900 Appliance 2 Healthcheck Failure	Lightspeed 1900 Appliance 1 Healthcheck Failure	False/Inactive
8: Lightspeed 1900 Appliance 2 Port Offline Failure	Lightspeed 1900 Appliance 1 Port Offline Failure	False/Inactive
This Trigger will be True/Active: Based upon a Health Check packet test	Lightspeed 1900 Appliance 1 Combo Check Failure	False/Inactive
Send a Health-Check packet every 1 seconds.	Lightspeed 1900 Appliance 2 Healthcheck Failure	False/Inactive
Wait 1 seconds for a return/reply packet.	Lightspeed 1900 Appliance 2 Port Offline Failure	False/Inactive
Trigger False/Inactive if: A return packet is received (upstream response test) 	Lightspeed 1900 Appliance 2 Combo Check Failure	False/Inactive
No return packet is received (upstream response test) No return packet is received (upstream filtering test)	Lightspeed 1900 Appliance 3 Healthcheck Failure	False/Inactive
Trigger True/Active: If no return/reply packet is received after 1 attempts	Lightspeed 1900 Appliance 3 Port Offline Failure	False/Inactive
Initial state:	Lightspeed 1900 Appliance 3 Combo Check Failure	False/Inactive
False/Inactive (initially assume success) True/Active (initially assume failure)	Lightspeed 1900 Appliance 4 Healthcheck Failure	False/Inactive
Send the Health-Check packet on these ports:	Lightspeed 1900 Appliance 4 Port Offline Failure	False/Inactive
□ 2A □ 2B □ 3A □ 3B □ 4A □ 4B □ 5A □ 5B ☑ 6A □ 6B □ 7A □ 7B	Lightspeed 1900 Appliance 4 Combo Check Failure	False/Inactive
8A 8B 9A 9B 10A 10B 11A 11B 12A 12B	Lightspeed 1900 1/2 Appliance Failure	False/Inactive
Health-Check packet data:	Lightspeed 1900 1/3 Appliance Failure	False/Inactive
Mac Destination: FFFFFFFFFF	Lightspeed 1900 1/4 Appliance Failure	False/Inactive
Mac Source (this tap): 0004F3030000	Lightspeed 1900 2/3 Appliance Failure	False/Inactive
Etype: 0800 Payload: CA5442EDFE8E000C2922D3AE08004500003F5AEC00004011D42B	Lightspeed 1900 2/4 Appliance Failure	False/Inactive
0A10366D0A10010AD79F0035002B4BD39F1E010000000000 00000377777097763736366F6F6FC7303636F6ED000010001 .:	Lightspeed 1900 1/2/3 Appliance Failure	False/Inactive
	Lightspeed 1900 1/2/4 Appliance Failure	False/Inactive
Check for a return/reply packet on these ports:	Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
2A 2B 3A 3B 4A 4B 5A 5B 6A 6B 7A	Lightspeed 1900 2/3/4 Appliance Failure	False/Inactive
78 88 88 98 98 108 108 118 118 128 128	Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inactive
Return/reply packet filter condition:	L	
(mac source <this tap=""> OR mac destination <this tap="">) AND (no additional filter)</this></this>		
When this Trigger is True/Active then take these actions:		

8 Lightspeed Rocket 1900 Appliance 2 (Port Offline Failure)

LightSpeed 2020 with 4 Rocke	t 1900s and Healthcheck Trigge	rs
	Current Trigger States	
Trigger Policies	Safety Net (s-c)	False/Inactive
	Safety Net (c-s)	False/Inactive
1: Safety Net (s-c)	Safety Net (Combo)	False/Inactive
3: Safety Net (Combo) Trigger Name:	Lightspeed 1900 Appliance 1 Healthcheck Failure	False/Inactive
4: Lightspeed 1900 Appliance 1 Healthcheck Fail 5: Lightspeed 1900 Appliance 2 Port Office Failu	Lightspeed 1900 Appliance 1 Port Offline Failure	False/Inactive
6: Lightspeed 1900 Appliance 1 Combo Check Fa Save Trigger Erase Trigger	Lightspeed 1900 Appliance 1 Combo Check Failure	False/Inactive
7: Lightspeed 1900 Appliance 2 Healthcheck Fail 8: Lightspeed 1900 Appliance 2 Port Offline Failut	Lightspeed 1900 Appliance 2 Healthcheck Failure	True/Active
	Lightspeed 1900 Appliance 2 Port Offline Failure	True/Active
This Trigger will be True/Active: Based upon port link up/down 🔻	Lightspeed 1900 Appliance 2 Combo Check Failure	True/Active
Trigger whenever:	Lightspeed 1900 Appliance 3 Healthcheck Failure	False/Inactive
ANY of these ports are ONLINE (link up)	Lightspeed 1900 Appliance 3 Port Offline Failure	False/Inactive
O ALL of these ports are ONLINE (link up)	Lightspeed 1900 Appliance 3 Combo Check Failure	False/Inactive
ANY of these ports are OFFLINE (link down)	Lightspeed 1900 Appliance 4 Healthcheck Failure	False/Inactive
O ALL of these ports are OFFLINE (link down)	Lightspeed 1900 Appliance 4 Port Offline Failure	False/Inactive
□ 1A □ 1B □ 2A □ 2B □ 3A □ 3B □ 4A □ 4B □ 5A □ 5B ✔ 6A ✔ 6B	Lightspeed 1900 Appliance 4 Combo Check Failure	False/Inactive
7A 7B 8A 8B 9A 9B 10A 10B 11A 11B 12A	Lightspeed 1900 1/2 Appliance Failure	False/Inactive
128	Lightspeed 1900 1/3 Appliance Failure	False/Inactive
	Lightspeed 1900 1/4 Appliance Failure	False/Inactive
When this Trigger is True/Active then take these actions: Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger.	Lightspeed 1900 2/3 Appliance Failure	False/Inactive
Send an SNMP Trap/Notification	Lightspeed 1900 2/4 Appliance Failure	False/Inactive
Send a Syslog message	Lightspeed 1900 1/2/3 Appliance Failure	False/Inactive
Turn on the front-panel Flag LED	Lightspeed 1900 1/2/4 Appliance Failure	False/Inactive
Disable the following ports (force link-down):	Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
	Lightspeed 1900 2/3/4 Appliance Failure	False/Inactive
	Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inactive

9 Lightspeed Rocket 1900 Appliance 2 (Combo Check Failure)

	Trigger Policies		Current Trigger State	s
4: Lightspeed 1900 Appliance 1 Hea			Safety Net (s-c)	False/Inactive
5: Lightspeed 1900 Appliance 1 Port 6: Lightspeed 1900 Appliance 1 Com		jer Name:	Safety Net (c-s)	False/Inactive
7: Lightspeed 1900 Appliance 2 Hea	Ithcheck Failure Lightspe	eed 1900 Appliance 2 Combo	Safety Net (Combo)	False/Inactive
8: Lightspeed 1900 Appliance 2 Port 9: Lightspeed 1900 Appliance 2 Com	nbo Check Failure	Save Trigger Erase Trigger	Lightspeed 1900 Appliance 1 Healthcheck Failure	False/Inactive
10: Lightspeed 1900 Appliance 3 He 11: Lightspeed 1900 Appliance 3 Po			Lightspeed 1900 Appliance 1 Port Offline Failure	False/Inactive
This Trigger will be True/Active: Based up	pon other Triggers	•	Lightspeed 1900 Appliance 1 Combo Check Failure	False/Inactive
Selected Trigger(s):			Lightspeed 1900 Appliance 2 Healthcheck Failure	False/Inactive
			Lightspeed 1900 Appliance 2 Port Offline Failure	False/Inactive
Safety Net (s-c)	Safety Net (c-s) Lightspeed 1900 Appliance 1 Port	Safety Net (Combo) Lightspeed 1900 Appliance 1 Combo	Lightspeed 1900 Appliance 2 Combo Check Failure	False/Inactive
Healthcheck Failure	Offline Failure Upped 1900 Appliance 2 Port	Check Failure	Lightspeed 1900 Appliance 3 Healthcheck Failure	True/Active
Healthcheck Failure	Offline Failure	Healthcheck Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	True/Active
Lightspeed 1900 Appliance 3 Port Offline Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	Lightspeed 1900 Appliance 4 Healthcheck Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	True/Active
Lightspeed 1900 Appliance 4 Port Offline Failure	Lightspeed 1900 Appliance 4 Combo Check Failure	Lightspeed 1900 1/2 Appliance Failure	Lightspeed 1900 Appliance 4 Healthcheck Failure	False/Inactive
Lightspeed 1900 1/3 Appliance	Lightspeed 1900 1/4 Appliance	Lightspeed 1900 2/3 Appliance	Lightspeed 1900 Appliance 4 Port Offline Failure	False/Inactive
Lightspeed 1900 2/4 Appliance	Lightspeed 1900 1/2/3 Appliance	Lightspeed 1900 1/2/4 Appliance	Lightspeed 1900 Appliance 4 Combo Check Failure	False/Inactive
Lightspeed 1900 1/3/4 Appliance	Lightspeed 1900 2/3/4 Appliance	Lightspeed 1900 ALL (1-4) Appliance	Lightspeed 1900 1/2 Appliance Failure	False/Inactive
Failure	Failure	Failure	Lightspeed 1900 1/3 Appliance Failure	False/Inactive
Activate this Trigger whenever:			Lightspeed 1900 1/4 Appliance Failure	False/Inactive
Any v of the selected triggers are	▼ TRUE/ACTIVE	-	Lightspeed 1900 2/3 Appliance Failure	False/Inactive
Make this Trigger True/Active only when the	e above conditions have been met cor	ntinuously for at least 0 seconds.	Lightspeed 1900 2/4 Appliance Failure	False/Inactive
Revert this Trigger back to False/Inactive of	only after the above conditions have n	ot been met continuously for at least	Lightspeed 1900 1/2/3 Appliance Failure	False/Inactive
0 seconds.			Lightspeed 1900 1/2/4 Appliance Failure	False/Inactive
When this Trigger is True/Active then tal	ke these actions:		Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
Apply any Monitor Settings or Bypass S		s Trigger.	Lightspeed 1900 2/3/4 Appliance Failure	False/Inactive
Send an SNMP Trap/Notification			Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inactive
Send a Syslog message				
Turn on the front-panel Flag LED Disable the following ports (force link-	-down):			
or subjective for onlying ports (for the link-	aonny.			

10 Lightspeed Rocket 1900 Appliance 3 (Health Check Failure)

Trigger Policies	Current Trigger States	
4: Lightspeed 1900 Appliance 1 Healthcheck Failure 5: Lightspeed 1900 Appliance 1 Port Offline Failure	Safety Net (s-c)	False/Inacti
6: Lightspeed 1900 Appliance 1 Combo Check Failure Trigger Name:	Safety Net (c-s)	False/Inacti
7: Lightspeed 1900 Appliance 2 Healthcheck Failure 8: Lightspeed 1900 Appliance 2 Port Offline Failure	Safety Net (Combo)	False/Inacti
9: Lightspeed 1900 Appliance 2 Fortoninie Failure 10: Lightspeed 1900 Appliance 2 Combo Check Failure 10: Lightspeed 1900 Appliance 3 Healthcheck Failure	Lightspeed 1900 Appliance 1 Healthcheck Failure	False/Inacti
11: Lightspeed 1900 Appliance 3 Port Offline Failure 🔻	Lightspeed 1900 Appliance 1 Port Offline Failure	False/Inact
This Trigger will be True/Active: Based upon a Health Check packet test -	Lightspeed 1900 Appliance 1 Combo Check Failure	False/Inact
Send a Health-Check packet every 1 seconds.	Lightspeed 1900 Appliance 2 Healthcheck Failure	False/Inact
Vait 1 seconds for a return/reply packet.	Lightspeed 1900 Appliance 2 Port Offline Failure	False/Inact
irigger False/Inactive if: ④ A return packet is received (upstream response test)	Lightspeed 1900 Appliance 2 Combo Check Failure	False/Inacti
No return packet is received (upstream filtering test) No return packet is received (upstream filtering test)	Lightspeed 1900 Appliance 3 Healthcheck Failure	False/Inact
rigger True/Active: If no return/reply packet is received after 1 attempts	Lightspeed 1900 Appliance 3 Port Offline Failure	False/Inact
 initial state: False/Inactive (initially assume success) 	Lightspeed 1900 Appliance 3 Combo Check Failure	False/Inact
C True/Active (initially assume failure)	Lightspeed 1900 Appliance 4 Healthcheck Failure	False/Inact
Send the Health-Check packet on these ports:	Lightspeed 1900 Appliance 4 Port Offline Failure	False/Inact
□ 2A □ 2B □ 3A □ 3B □ 4A □ 4B □ 5A □ 5B □ 6A □ 6B ♥ 7A □ 7B □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Lightspeed 1900 Appliance 4 Combo Check Failure	False/Inact
8A 8B 9A 9B 10A 10B 11A 11B 12A 12B	Lightspeed 1900 1/2 Appliance Failure	False/Inact
Health-Check packet data:	Lightspeed 1900 1/3 Appliance Failure	False/Inact
Mac Destination: FFFFFFFFFF Mac Source (this tap): 0004F3030000	Lightspeed 1900 1/4 Appliance Failure	False/Inact
Etype: 0800	Lightspeed 1900 2/3 Appliance Failure	False/Inact
Payload: CA5442EDFE8E000C2922D3AE08004500003F5AEC00004011D42B	Lightspeed 1900 2/4 Appliance Failure	False/Inact
0A10366D0A10010AD79F0035002B4BD39F1E010000010000000 0000037777770977637363686F6F6C7303636F6D0000010001 .:	Lightspeed 1900 1/2/3 Appliance Failure	False/Inact
	Lightspeed 1900 1/2/4 Appliance Failure	False/Inact
Check for a return/reply packet on these ports:	Lightspeed 1900 1/3/4 Appliance Failure	False/Inact
2A 2B 3A 3B 4A 4B 5A 5B 6A 6B 7A 🗸 7B	Lightspeed 1900 2/3/4 Appliance Failure	False/Inact
8A 8B 9A 9B 10A 10B 11A 11B 12A 12B	Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inact
Return/reply packet filter condition: (mac source <this tap=""> OR mac destination <this tap="">) AND (no additional filter</this></this>		
When this Trigger is True/Active then take these actions:		

<u>11 Lightspeed Rocket 1900 Appliance 3 (Port Offline Failure)</u>

		Current Trigger States	
Trigger Policies		Safety Net (s-c)	False/Inactiv
4: Lightspeed 1900 Appliance 1 Healthcheck Fail 5: Lightspeed 1900 Appliance 1 Port Offline Failur 6: Lightspeed 1900 Appliance 1 Combo Check Fail 7: Lightspeed 1900 Appliance 2 Healthcheck Fail	Trigger Name: Lightspeed 1900 Appliance 3 Port Of	Safety Net (c-s) Safety Net (Combo) Lightspeed 1900 Appliance 1 Healthcheck Failure	False/Inactiv False/Inactiv False/Inactiv
8: Lightspeed 1900 Appliance 2 Port Offline Failur 9: Lightspeed 1900 Appliance 2 Combo Check Fa 10: Lightspeed 1900 Appliance 3 Healthcheck Fa 11: Lightspeed 1900 Appliance 3 Port Offline Fail, ▼	Save Trigger Erase Trigger	Lightspeed 1900 Appliance 1 Port Offline Failure Lightspeed 1900 Appliance 1 Combo Check Failure Lightspeed 1900 Appliance 2 Healthcheck Failure	False/Inactiv False/Inactiv False/Inactiv
This Trigger will be True/Active: Based upon port link up/	down 🗸	Lightspeed 1900 Appliance 2 Port Offline Failure Lightspeed 1900 Appliance 2 Combo Check Failure Lightspeed 1900 Appliance 3 Healthcheck Failure	False/Inactiv False/Inactiv True/Active
Irigger whenever: ANY of these ports are ONLINE (link up) ALL of these ports are ONLINE (link up) ANY of these ports are OFFLINE (link down) ALL of these ports are OFFLINE (link down) ALL of these ports are OFFLINE (link down) In 1 In 1 In 1 In 2 In 2 In 3 In 3 In 4 In 5 In 7 In 7 In 2 In 3 In 4 In 5 In 4 In 5 In 6 In 7	A 48 5A 56 6A A 108 11A 11B 12A	Lightspeed 1900 Appliance 3 Port Offline Failure Lightspeed 1900 Appliance 3 Combo Check Failure Lightspeed 1900 Appliance 4 Healthcheck Failure Lightspeed 1900 Appliance 4 Port Offline Failure Lightspeed 1900 Appliance 4 Combo Check Failure Lightspeed 1900 1/2 Appliance Failure Lightspeed 1900 1/3 Appliance Failure	True/Active True/Active True/Active False/Inactiv False/Inactiv False/Inactiv False/Inactiv False/Inactiv False/Inactiv
When this Trigger is True/Active then take these actions Image: Apply any Monitor Settings or Bypass Settings which are of Send an SNMP Trap/Notification Image: Send an Symplex and Symplex and Symplex and System a	onditioned on this Trigger.	Lightspeed 1900 1/4 Appliance Failure Lightspeed 1900 2/3 Appliance Failure Lightspeed 1900 2/4 Appliance Failure Lightspeed 1900 1/2/3 Appliance Failure Lightspeed 1900 1/2/4 Appliance Failure Lightspeed 1900 1/3/4 Appliance Failure	False/Inactiv False/Inactiv False/Inactiv False/Inactiv False/Inactiv
		Lightspeed 1900 2/3/4 Appliance Failure Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inactiv

12 Lightspeed Rocket 1900 Appliance 3 (Combo Check Failure)

	Trigger Policies		Current Trigger State	es
12: Lightspeed 1900 Appliance 3 Co 13: Lightspeed 1900 Appliance 4 He			Safety Net (s-c)	False/Inactive
14: Lightspeed 1900 Appliance 4 Pc	ort Offline Failure 🔲 Trigg	er Name:	Safety Net (c-s)	False/Inactive
15: Lightspeed 1900 Appliance 4 Co		eed 1900 Appliance 3 Combo	Safety Net (Combo)	False/Inactive
16: Lightspeed 1900 1/2 Appliance 1 17: Lightspeed 1900 1/3 Appliance 1 18: Lightspeed 1900 1/4 Appliance 1	Failure	Save Trigger Erase Trigger	Lightspeed 1900 Appliance 1 Healthcheck Failure	False/Inactive
19: Lightspeed 1900 2/3 Appliance			Lightspeed 1900 Appliance 1 Port Offline Failure	False/Inactive
This Trigger will be True/Active: Based u	upon other Triggers	•	Lightspeed 1900 Appliance 1 Combo Check Failure	False/Inactive
Selected Trigger(s):			Lightspeed 1900 Appliance 2 Healthcheck Failure	False/Inactive
			Lightspeed 1900 Appliance 2 Port Offline Failure	False/Inactive
Safety Net (s-c)	Safety Net (c-s) Lightspeed 1900 Appliance 1 Port	Safety Net (Combo)	Lightspeed 1900 Appliance 2 Combo Check Failure	False/Inactive
Healthcheck Failure	Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Healthcheck Failure	True/Active
Healthcheck Failure	Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	True/Active
Lightspeed 1900 Appliance 3 Healthcheck Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	Lightspeed 1900 Appliance 4 Healthcheck Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	True/Active
Lightspeed 1900 Appliance 4 Port Offline Failure	Lightspeed 1900 Appliance 4 Combo Check Failure	Lightspeed 1900 1/2 Appliance Failure	Lightspeed 1900 Appliance 4 Healthcheck Failure	False/Inactive
Lightspeed 1900 1/3 Appliance Failure	Lightspeed 1900 1/4 Appliance Failure	Lightspeed 1900 2/3 Appliance	Lightspeed 1900 Appliance 4 Port Offline Failure	False/Inactive
Lightspeed 1900 2/4 Appliance	Lightspeed 1900 1/2/3 Appliance	Lightspeed 1900 1/2/4 Appliance	Lightspeed 1900 Appliance 4 Combo Check Failure	False/Inactive
Lightspeed 1900 1/3/4 Appliance	Lightspeed 1900 2/3/4 Appliance	Lightspeed 1900 ALL (1-4) Appliance	Lightspeed 1900 1/2 Appliance Failure	False/Inactive
Failure	Failure	Failure	Lightspeed 1900 1/3 Appliance Failure	False/Inactive
Activate this Trigger whenever:			Lightspeed 1900 1/4 Appliance Failure	False/Inactive
Any 💌 of the selected triggers are	▼ TRUE/ACTIVE	•	Lightspeed 1900 2/3 Appliance Failure	False/Inactive
Make this Trigger True/Active only when the	ne above conditions have been met con	tinuously for at least 0 seconds.	Lightspeed 1900 2/4 Appliance Failure	False/Inactive
Revert this Trigger back to False/Inactive	only after the above conditions have n	ot been met continuously for at least	Lightspeed 1900 1/2/3 Appliance Failure	False/Inactive
0 seconds.	only alter the above contaitions have in	or been mer commuously for at reast	Lightspeed 1900 1/2/4 Appliance Failure	False/Inactive
When this Trigger is True/Active then ta	ke these actions:		Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
Apply any Monitor Settings or Bypass	Settings which are conditioned on this	Trigger.	Lightspeed 1900 2/3/4 Appliance Failure	False/Inactive
Send an SNMP Trap/Notification			Lightspeed 1900 ALL (1-4) Appliance	False/Inactive
Send a Syslog message			Failure	
Turn on the front-panel Flag LED				
Disable the following ports (force link Disable the following ports (force link	፡-down):			

13 Lightspeed Rocket 1900 Appliance 4 (Health Check Failure)

Lightspeed 2020 with 4 Kocket 1900	s and meanneneck mggers	•
Trigger Policies	Current Trigger States	
12: Lightspeed 1900 Appliance 3 Combo Check Failure 13: Lightspeed 1900 Appliance 4 Healthcheck Failure 14: Lightspeed 1900 Appliance 4 Port Offline Failure	Safety Net (s-c) Safety Net (c-s)	False/Inactive
15: Lightspeed 1900 Appliance 4 Combo Check Failure 16: Lightspeed 1900 1/2 Appliance Failure	Safety Net (Combo)	False/Inactive
17: Lightspeed 1900 1/3 Appliance Failure 18: Lightspeed 1900 1/4 Appliance Failure	Lightspeed 1900 Appliance 1 Healthcheck Failure	False/Inactive
19: Lightspeed 1900 2/3 Appliance Failure	Lightspeed 1900 Appliance 1 Port Offline Failure	False/Inactive
This Trigger will be True/Active: Based upon a Health Check packet test	Lightspeed 1900 Appliance 1 Combo Check Failure	False/Inactive
Send a Health-Check packet every 1 seconds.	Lightspeed 1900 Appliance 2 Healthcheck Failure	False/Inactive
Wait 1 seconds for a return/reply packet.	Lightspeed 1900 Appliance 2 Port Offline Failure	False/Inactive
Trigger False/Inactive if: A return packet is received (upstream response test)	Lightspeed 1900 Appliance 2 Combo Check Failure	False/Inactive
No return packet is received (upstream filtering test)	Lightspeed 1900 Appliance 3 Healthcheck Failure	False/Inactive
Trigger True/Active: If no return/reply packet is received after 1 attempts	Lightspeed 1900 Appliance 3 Port Offline Failure	False/Inactive
Initial state:	Lightspeed 1900 Appliance 3 Combo Check Failure	False/Inactive
True/Active (initially assume success)	Lightspeed 1900 Appliance 4 Healthcheck Failure	False/Inactive
Send the Health-Check packet on these ports:	Lightspeed 1900 Appliance 4 Port Offline Failure	False/Inactive
2A 2B 3A 3B 4A 4B 5A 5B 6A 6B 7A 7B	Lightspeed 1900 Appliance 4 Combo Check Failure	False/Inactive
V 8A 8B 9A 9B 10A 10B 11A 11B 12A 12B	Lightspeed 1900 1/2 Appliance Failure	False/Inactive
Health-Check packet data: Mac Destination: FFFFFFFFFF	Lightspeed 1900 1/3 Appliance Failure	False/Inactive
Mac Source (this tap): 0004F3030000	Lightspeed 1900 1/4 Appliance Failure	False/Inactive
Etype: 0800	Lightspeed 1900 2/3 Appliance Failure	False/Inactive
Payload: CA5442EDFE8E000C2922D3AE08004500003F5AEC00004011D42B	Lightspeed 1900 2/4 Appliance Failure	False/Inactive
0A10366D0A10010AD79F0035002B4BD39F1E0100000100000000 0000037777770977637363686F6F6C7303636F6D0000010001	Lightspeed 1900 1/2/3 Appliance Failure	False/Inactive
	Lightspeed 1900 1/2/4 Appliance Failure	False/Inactive
Check for a return/reply packet on these ports:	Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
2A 2B 3A 3B 4A 4B 5A 5B 6A 6B 7A 7 7B	Lightspeed 1900 2/3/4 Appliance Failure	False/Inactive
8A 🛛 8B 9A 9B 10A 10B 11A 11B 12A 12B	Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inactive
Return/reply packet filter condition: (mac source <this tap=""> OR mac destination <this tap="">) AND (no additional filter) When this Trigger is True/Active then take these actions: Image: Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Image: Send an SNMP Trap/Notification</this></this>		

14 Lightspeed Rocket 1900 Appliance 4 (Port Down Failure)

		Current Trigger States	
Trigger Policies		Safety Net (s-c)	False/Inactive
ПЗ. Lignispeed 1900 Appliance 4 пеанистеск га		Safety Net (c-s)	False/Inactive
14: Lightspeed 1900 Appliance 4 Port Offline Fail		Safety Net (Combo)	False/Inactive
15: Lightspeed 1900 Appliance 4 Combo Check F	Trigger Name:	Lightspeed 1900 Appliance 1 Healthcheck Failure	False/Inactive
16: Lightspeed 1900 1/2 Appliance Failure 17: Lightspeed 1900 1/3 Appliance Failure	Lightspeed 1900 Appliance 4 Port Of		False/Inactive
18: Lightspeed 1900 1/4 Appliance Failure		Lightspeed 1900 Appliance 1 Port Offline Failure	
19: Lightspeed 1900 2/3 Appliance Failure	Save Trigger Erase Trigger	Lightspeed 1900 Appliance 1 Combo Check Failure	False/Inactive
20: Lightspeed 1900 2/4 Appliance Failure		Lightspeed 1900 Appliance 2 Healthcheck Failure	False/Inactive
		Lightspeed 1900 Appliance 2 Port Offline Failure	False/Inactive
This Trigger will be True/Active: Based upon port link up/o	down 👻	Lightspeed 1900 Appliance 2 Combo Check Failure	False/Inactive
Trigger whenever:		Lightspeed 1900 Appliance 3 Healthcheck Failure	False/Inactive
ANY of these ports are ONLINE (link up)		Lightspeed 1900 Appliance 3 Port Offline Failure	False/Inactive
ALL of these ports are ONLINE (link up)		Lightspeed 1900 Appliance 3 Combo Check Failure	False/Inactive
ANY of these ports are OFFLINE (link down)		Lightspeed 1900 Appliance 4 Healthcheck Failure	True/Active
ALL of these ports are OFFLINE (link down)		Lightspeed 1900 Appliance 4 Port Offline Failure	True/Active
1A 1B 2A 2B 3A 3B 4A	4B 5A 5B 6A	Lightspeed 1900 Appliance 4 Combo Check Failure	True/Active
	A 0 10B 11A 11B 12A 0	Lightspeed 1900 1/2 Appliance Failure	False/Inactive
128		Lightspeed 1900 1/3 Appliance Failure	False/Inactive
		Lightspeed 1900 1/4 Appliance Failure	False/Inactive
When this Trigger is True/Active then take these actions:		Lightspeed 1900 2/3 Appliance Failure	False/Inactive
Apply any Monitor Settings or Bypass Settings which are c Send an SNMP Trap/Notification	onaitionea on this Trigger.	Lightspeed 1900 2/4 Appliance Failure	False/Inactive
Send a Syslog message		Lightspeed 1900 1/2/3 Appliance Failure	False/Inactive
Turn on the front-panel Flag LED		Lightspeed 1900 1/2/4 Appliance Failure	False/Inactive
Disable the following ports (force link-down):		Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
		Lightspeed 1900 2/3/4 Appliance Failure	False/Inactive
		Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inactive

15 Lightspeed Rocket 1900 Appliance 4 (Combo Check Failure)

	Trigger Policies		Current Trigger State	S
13. Lightspeed 1900 Appliance 4 He 14: Lightspeed 1900 Appliance 4 Po			Safety Net (s-c)	False/Inactive
15: Lightspeed 1900 Appliance 4 Co	under Obereit Feilung	er Name:	Safety Net (c-s)	False/Inactive
16: Lightspeed 1900 1/2 Appliance 17: Lightspeed 1900 1/3 Appliance	Failure	eed 1900 Appliance 4 Combo	Safety Net (Combo)	False/Inactive
18: Lightspeed 1900 1/4 Appliance	Failure	Save Trigger Erase Trigger	Lightspeed 1900 Appliance 1 Healthcheck	False/Inactive
19: Lightspeed 1900 2/3 Appliance 20: Lightspeed 1900 2/4 Appliance	Failure -		Failure Lightspeed 1900 Appliance 1 Port Offline	
21-Lightspeed 1000 2/4 Appliance			Failure	False/Inactive
This Trigger will be True/Active: Based u	ipon other Triggers	•	Lightspeed 1900 Appliance 1 Combo Check Failure	False/Inactive
Selected Trigger(s):			Lightspeed 1900 Appliance 2 Healthcheck Failure	False/Inactive
			Lightspeed 1900 Appliance 2 Port Offline Failure	False/Inactive
Safety Net (s-c)	Safety Net (c-s)	Safety Net (Combo)	Lightspeed 1900 Appliance 2 Combo Check Failure	False/Inactive
Healthcheck Failure	Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Healthcheck Failure	False/Inactive
Healthcheck Failure	Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	False/Inactive
Lightspeed 1900 Appliance 3 Healthcheck Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	False/Inactive
Lightspeed 1900 Appliance 4 Healthcheck Failure	Lightspeed 1900 Appliance 4 Port Offline Failure	Lightspeed 1900 1/2 Appliance Failure	Lightspeed 1900 Appliance 4 Healthcheck Failure	True/Active
Lightspeed 1900 1/3 Appliance Failure	Lightspeed 1900 1/4 Appliance Failure	Lightspeed 1900 2/3 Appliance Failure	Lightspeed 1900 Appliance 4 Port Offline Failure	True/Active
Lightspeed 1900 2/4 Appliance	Lightspeed 1900 1/2/3 Appliance	Lightspeed 1900 1/2/4 Appliance	Lightspeed 1900 Appliance 4 Combo Check Failure	True/Active
Lightspeed 1900 1/3/4 Appliance	Lightspeed 1900 2/3/4 Appliance	Lightspeed 1900 ALL (1-4) Appliance	Lightspeed 1900 1/2 Appliance Failure	False/Inactive
Failure	Failure	Failure	Lightspeed 1900 1/3 Appliance Failure	False/Inactive
Activate this Trigger whenever:			Lightspeed 1900 1/4 Appliance Failure	False/Inactive
Any v of the selected triggers are	TRUE/ACTIVE	•	Lightspeed 1900 2/3 Appliance Failure	False/Inactive
Make this Trigger True/Active only when the	ne above conditions have been met cor	ntinuously for at least 0 seconds.	Lightspeed 1900 2/4 Appliance Failure	False/Inactive
Revert this Trigger back to False/Inactive	only after the above conditions have n	ot been met continuously for at least	Lightspeed 1900 1/2/3 Appliance Failure	False/Inactive
0 seconds.			Lightspeed 1900 1/2/4 Appliance Failure	False/Inactive
When this Trigger is True/Active then ta	ke these actions:		Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
Apply any Monitor Settings or Bypass	Settings which are conditioned on this	a Trigger.	Lightspeed 1900 2/3/4 Appliance Failure	False/Inactive
Send an SNMP Trap/Notification			Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inactive
Send a Syslog message Turn on the front-panel Flag LED				L
Disable the following ports (force link	k-down):			

16 Lightspeed Rocket 1900 Appliance 1 and 2 Failure

	Trigger Policies		Current Trigger State	S
 13. Lightspeed 1900 Appliance 4 Heat 14: Lightspeed 1900 Appliance 4 Port 15: Lightspeed 1900 Appliance 4 Com 16: Lightspeed 1900 1/2 Appliance Fa 17: Lightspeed 1900 1/3 Appliance Fa 18: Lightspeed 1900 1/4 Appliance Fa 19: Lightspeed 1900 2/4 Appliance Fa 20: Lightspeed 1900 1/2 Appliance Fa 21: Lightspeed 1900 1/2 Appliance Fa 	Offline Failure bo Check Failure ilure ilure ilure ilure	er Name: sed 1900 1/2 Appliance Failur Save Trigger Erase Trigger	Safety Net (s-o) Safety Net (o-s) Safety Net (Combo) Lightspeed 1900 Appliance 1 Healthoheck Failure Lightspeed 1900 Appliance 1 Port Offline Failure	False/Inactive False/Inactive False/Inactive True/Active
This Trigger will be True/Active: Based upo	on other Triggers	•	Lightspeed 1900 Appliance 1 Combo Check Failure	True/Active
Healthoheck Failure Lightspeed 1900 Appliance 2 Healthoheck Failure Lightspeed 1900 Appliance 3 Healthoheck Failure Lightspeed 1900 Appliance 4 Healthoheck Failure Lightspeed 1900 1/3 Appliance Failure Lightspeed 1900 2/4 Appliance	Offline Failure Ughtspeed 1900 Appliance 2 Port Offline Failure Ughtspeed 1900 Appliance 3 Port Offline Failure Ughtspeed 1900 Appliance 4 Port Offline Failure Ughtspeed 1900 1/4 Appliance Failure Ughtspeed 1900 1/2/3 Appliance	Check Failure Lightspeed 1900 Appliance 3 Combo Check Failure Lightspeed 1900 Appliance 4 Combo Check Failure Lightspeed 1900 2/3 Appliance Failure Lightspeed 1900 1/2/4 Appliance	Lightspeed 1900 Appliance 2 Healthcheck Failure Lightspeed 1900 Appliance 2 Port Offline Failure Lightspeed 1900 Appliance 2 Combo Check Failure Lightspeed 1900 Appliance 3 Healthcheck Failure Lightspeed 1900 Appliance 3 Combo Check Failure Lightspeed 1900 Appliance 4 Healthcheck Failure Lightspeed 1900 Appliance 4 Healthcheck Failure Lightspeed 1900 Appliance 4 Port Offline Failure Lightspeed 1900 Appliance 4 Combo Check Failure	True/Active True/Active True/Active False/Inactive
Lightspeed 1900 1/3/4 Appliance Failure Activate this Trigger whenever:	Failure Lightspeed 1900 2/3/4 Appliance Failure	Failure Lightspeed 1900 ALL (1-4) Appliance Failure	Lightspeed 1900 1/2 Appliance Failure Lightspeed 1900 1/3 Appliance Failure Lightspeed 1900 1/4 Appliance Failure	True/Active False/Inactiv False/Inactiv
All of the selected triggers are Make this Trigger True/Active only when the a Revert this Trigger back to False/Inactive on o seconds.			Lightspeed 1900 2/3 Appliance Failure Lightspeed 1900 2/4 Appliance Failure Lightspeed 1900 1/2/3 Appliance Failure Lightspeed 1900 1/2/4 Appliance Failure	False/Inactive False/Inactive False/Inactive False/Inactive
When this Trigger is True/Active then take Apply any Monitor Settings or Bypass Set Send an SNMP Trap/Notification Send a Syslog message Turn on the front-panel Flag LED Disable the following ports (force link-dot	ttings which are conditioned on this	Trigger.	Lightspeed 1900 1/3/4 Appliance Failure Lightspeed 1900 2/3/4 Appliance Failure Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inactive

17 Lightspeed Rocket 1900 Appliance 1 and 3 Failure

			_	
	Trigger Policies		Current Trigger State	s
 13. Lightspeed 1900 Appliance 4 Po 14. Lightspeed 1900 Appliance 4 Po 15. Lightspeed 1900 1/2 Appliance 4 Co 16. Lightspeed 1900 1/2 Appliance F 17. Lightspeed 1900 1/3 Appliance F 18. Lightspeed 1900 2/3 Appliance F 19. Lightspeed 1900 2/3 Appliance F 20. Lightspeed 1900 2/4 Appliance F 21. Lightspeed 1000 1/2/2 Appliance F 	ort Offline Failure mbo Check Failure Failure Failure Failure Failure Failure	er Name: eed 1900 1/3 Appliance Failur Save Trigger Erase Trigger	Safety Net (s-c) Safety Net (c-s) Safety Net (Combo) Lightspeed 1900 Appliance 1 Healthcheck Failure Lightspeed 1900 Appliance 1 Port Offline Failure	False/Inactive False/Inactive False/Inactive True/Active True/Active
This Trigger will be True/Active: Based u	pon other Triggers	•	Lightspeed 1900 Appliance 1 Combo Check Failure	True/Active
Selected Trigger(s):			Lightspeed 1900 Appliance 2 Healthcheck Failure	False/Inactive
	Safety Net (c-s)	Safety Net (Combo)	Lightspeed 1900 Appliance 2 Port Offline Failure	False/Inactive
Safety Net (s-c)	Lightspeed 1900 Appliance 1 Port	_ * * *	Lightspeed 1900 Appliance 2 Combo Check Failure	False/Inactive
Healthcheck Failure	Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Healthcheck Failure	True/Active
Healthcheck Failure	Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	True/Active
Lightspeed 1900 Appliance 3 Healthcheck Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	True/Active
Lightspeed 1900 Appliance 4 Healthcheck Failure	Lightspeed 1900 Appliance 4 Port Offline Failure	Lightspeed 1900 Appliance 4 Combo Check Failure	Lightspeed 1900 Appliance 4 Healthcheck Failure	False/Inactive
Lightspeed 1900 1/2 Appliance Failure	Lightspeed 1900 1/4 Appliance Failure	Lightspeed 1900 2/3 Appliance Failure	Lightspeed 1900 Appliance 4 Port Offline Failure	False/Inactive
Lightspeed 1900 2/4 Appliance	Lightspeed 1900 1/2/3 Appliance	Lightspeed 1900 1/2/4 Appliance	Lightspeed 1900 Appliance 4 Combo Check Failure	False/Inactive
Lightspeed 1900 1/3/4 Appliance	Lightspeed 1900 2/3/4 Appliance	Lightspeed 1900 ALL (1-4) Appliance	Lightspeed 1900 1/2 Appliance Failure	False/Inactive
Failure	Failure	Failure	Lightspeed 1900 1/3 Appliance Failure	True/Active
Activate this Trigger whenever:	TRUE/ACTIVE		Lightspeed 1900 1/4 Appliance Failure	False/Inactive
All 🔹 of the selected triggers are	▼ TRUE/ACTIVE	V	Lightspeed 1900 2/3 Appliance Failure	False/Inactive
Make this Trigger True/Active only when the	e above conditions have been met con	tinuously for at least 0 seconds.	Lightspeed 1900 2/4 Appliance Failure	False/Inactive
Revert this Trigger back to False/Inactive	only after the above conditions have n	ot been met continuously for at least	Lightspeed 1900 1/2/3 Appliance Failure	False/Inactive
0 seconds.			Lightspeed 1900 1/2/4 Appliance Failure	False/Inactive
When this Trigger is True/Active then ta	ke these actions:		Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
Apply any Monitor Settings or Bypass	Settings which are conditioned on this	Trigger.	Lightspeed 1900 2/3/4 Appliance Failure	False/Inactive
Send an SNMP Trap/Notification			Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inactive
Send a Syslog message Turn on the front-panel Flag LED				L
Disable the following ports (force link	-down):			

18 Lightspeed Rocket 1900 Appliance 1 and 4 Failure

	Trigger Policies		Current Trigger State	s
 Lignispeed 1900 Appliance 4 He Lightspeed 1900 Appliance 4 Po 			Safety Net (s-c)	False/Inactive
5: Lightspeed 1900 Appliance 4 Co		er Name:	Safety Net (c-s)	False/Inactive
6: Lightspeed 1900 1/2 Appliance F 7: Lightspeed 1900 1/3 Appliance F		eed 1900 1/4 Appliance Failur	Safety Net (Combo)	False/Inactive
8: Lightspeed 1900 1/4 Appliance F 9: Lightspeed 1900 2/3 Appliance F		Save Trigger Erase Trigger	Lightspeed 1900 Appliance 1 Healthcheck Failure	True/Active
0: Lightspeed 1900 2/4 Appliance F 1: Lightspeed 1900 1/2/2 Appliance			Lightspeed 1900 Appliance 1 Port Offline Failure	True/Active
his Trigger will be True/Active: Based u	pon other Triggers	.	Lightspeed 1900 Appliance 1 Combo Check Failure	True/Active
			Lightspeed 1900 Appliance 2 Healthcheck Failure	False/Inactive
lected Trigger(s):			Lightspeed 1900 Appliance 2 Port Offline Failure	False/Inactive
Safety Net (s-c)	Safety Net (c-s)	Safety Net (Combo)	Lightspeed 1900 Appliance 2 Combo Check Failure	False/Inactive
Healthoheok Failure	Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Healthcheck Failure	False/Inactive
Healthcheck Failure	Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	False/Inactive
Lightspeed 1900 Appliance 3 Healthcheck Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	False/Inactive
Lightspeed 1900 Appliance 4 Healthcheck Failure	Lightspeed 1900 Appliance 4 Port Offline Failure	Lightspeed 1900 Appliance 4 Combo Check Failure	Lightspeed 1900 Appliance 4 Healthcheck Failure	True/Active
Lightspeed 1900 1/2 Appliance Failure	Lightspeed 1900 1/3 Appliance Failure	Lightspeed 1900 2/3 Appliance Failure	Lightspeed 1900 Appliance 4 Port Offline Failure	True/Active
Lightspeed 1900 2/4 Appliance	Lightspeed 1900 1/2/3 Appliance	Lightspeed 1900 1/2/4 Appliance	Lightspeed 1900 Appliance 4 Combo Check Failure	True/Active
Lightspeed 1900 1/3/4 Appliance	Lightspeed 1900 2/3/4 Appliance	Lightspeed 1900 ALL (1-4) Appliance	Lightspeed 1900 1/2 Appliance Failure	False/Inactive
Failure	Failure	Failure	Lightspeed 1900 1/3 Appliance Failure	False/Inactive
livate this Trigger whenever:			Lightspeed 1900 1/4 Appliance Failure	True/Active
I of the selected triggers are	TRUE/ACTIVE	•	Lightspeed 1900 2/3 Appliance Failure	False/Inactive
ke this Trigger True/Active only when th	e above conditions have been met cor	ntinuously for at least 0 seconds.	Lightspeed 1900 2/4 Appliance Failure	False/Inactive
vert this Trigger back to False/Inactive of	only after the above conditions have n	ot been met continuously for at least	Lightspeed 1900 1/2/3 Appliance Failure	False/Inactive
seconds.	·	-	Lightspeed 1900 1/2/4 Appliance Failure	False/Inactive
/hen this Trigger is True/Active then tal	ke these actions:		Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
Apply any Monitor Settings or Bypass	Settings which are conditioned on this	s Trigger.	Lightspeed 1900 2/3/4 Appliance Failure	False/Inactive
Send an SNMP Trap/Notification			Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inactive
Send a Syslog message				

19 Lightspeed Rocket 1900 Appliance 2 and 3 Failure

	Trigger Policies		Current Trigger State	s
17: Lightspeed 1900 1/3 Appliance F	Failure		Safety Net (s-c)	False/Inactive
18: Lightspeed 1900 1/4 Appliance F 19: Lightspeed 1900 2/3 Appliance F		jer Name:	Safety Net (c-s)	False/Inactive
20: Lightspeed 1900 2/4 Appliance F		eed 1900 2/3 Appliance Failur	Safety Net (Combo)	False/Inactive
21: Lightspeed 1900 1/2/3 Appliance 22: Lightspeed 1900 1/2/4 Appliance	e Failure –	Save Trigger Erase Trigger	Lightspeed 1900 Appliance 1 Healthcheck Failure	False/Inactive
23: Lightspeed 1900 1/3/4 Appliance			Lightspeed 1900 Appliance 1 Port Offline Failure	False/Inactive
This Trigger will be True/Active: Based u	pon other Triggers	•	Lightspeed 1900 Appliance 1 Combo Check Failure	False/Inactive
Selected Trigger(s):			Lightspeed 1900 Appliance 2 Healthcheck Failure	True/Active
			Lightspeed 1900 Appliance 2 Port Offline Failure	True/Active
Safety Net (s-c) Lightspeed 1900 Appliance 1	Safety Net (c-s) Lightspeed 1900 Appliance 1 Port	Safety Net (Combo)	Lightspeed 1900 Appliance 2 Combo Check Failure	True/Active
Healthcheck Failure	Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Healthcheck Failure	True/Active
Healthcheck Failure	Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	True/Active
Lightspeed 1900 Appliance 3 Healthcheck Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	True/Active
Lightspeed 1900 Appliance 4 Healthcheck Failure	Lightspeed 1900 Appliance 4 Port Offline Failure	Lightspeed 1900 Appliance 4 Combo Check Failure	Lightspeed 1900 Appliance 4 Healthcheck Failure	False/Inactive
Lightspeed 1900 1/2 Appliance Failure	Lightspeed 1900 1/3 Appliance Failure	Lightspeed 1900 1/4 Appliance	Lightspeed 1900 Appliance 4 Port Offline Failure	False/Inactive
Lightspeed 1900 2/4 Appliance	Lightspeed 1900 1/2/3 Appliance	Lightspeed 1900 1/2/4 Appliance	Lightspeed 1900 Appliance 4 Combo Check Failure	False/Inactive
Lightspeed 1900 1/3/4 Appliance	Lightspeed 1900 2/3/4 Appliance	Lightspeed 1900 ALL (1-4) Appliance	Lightspeed 1900 1/2 Appliance Failure	False/Inactive
Failure	Failure	Failure	Lightspeed 1900 1/3 Appliance Failure	False/Inactive
Activate this Trigger whenever:			Lightspeed 1900 1/4 Appliance Failure	False/Inactive
All 💌 of the selected triggers are	▼ TRUE/ACTIVE		Lightspeed 1900 2/3 Appliance Failure	True/Active
Make this Trigger True/Active only when th	e above conditions have been met cor	ntinuously for at least 0 seconds.	Lightspeed 1900 2/4 Appliance Failure	False/Inactive
Revert this Trigger back to False/Inactive	only after the above conditions have n	ot been met continuously for at least	Lightspeed 1900 1/2/3 Appliance Failure	False/Inactive
0 seconds.	,,	· · · · · · · · · · · · · · · · · · ·	Lightspeed 1900 1/2/4 Appliance Failure	False/Inactive
When this Trigger is True/Active then ta	ke these actions:		Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
Apply any Monitor Settings or Bypass	Settings which are conditioned on this	s Trigger.	Lightspeed 1900 2/3/4 Appliance Failure	False/Inactive
Send an SNMP Trap/Notification			Lightspeed 1900 ALL (1-4) Appliance	False/Inactive
Send a Syslog message			Failure	
Turn on the front-panel Flag LED				
Disable the following ports (force link	-down):			

20 Lightspeed Rocket 1900 Appliance 2 and 4 Failure

	Trigger Policies		Current Trigger State	s
To: Eightspeed 1900 1/2 Appliance F 17: Lightspeed 1900 1/3 Appliance F 18: Lightspeed 1900 1/4 Appliance F 19: Lightspeed 1900 2/3 Appliance F 20: Lightspeed 1900 2/3 Appliance F 21: Lightspeed 1900 1/2/3 Appliance 22: Lightspeed 1900 1/2/4 Appliance 23: Lightspeed 1900 1/3/4 Appliance 24: Lightspeed 1900 2/2/4 Appliance 24: Lightspeed 1900 2/2/4 Appliance	ailure ailure ailure ailure Failure Failure Failure Failure	er Name: sed 1900 2/4 Appliance Failur Save TriggerErase Trigger	Safety Net (s-c) Safety Net (c-s) Safety Net (Combo) Lightspeed 1900 Appliance 1 Healthcheck Pailure Lightspeed 1900 Appliance 1 Port Offline Failure Lightspeed 1900 Appliance 1 Combo	False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive
This Trigger will be True/Active: Based u Selected Trigger(s):	pon other Triggers	•	Check Failure Lightspeed 1900 Appliance 2 Healthcheck Failure Lightspeed 1900 Appliance 2 Port Offline	True/Active
Safety Net (s-c)	Safety Net (c-s)	Safety Net (Combo)	Failure Lightspeed 1900 Appliance 2 Combo Check Failure Lightspeed 1900 Appliance 3 Healthcheck	True/Active
Lightspeed 1900 Appliance 2 Healthcheck Failure	Offline Failure	Lightspeed 1900 Appliance 2 Combo Check Failure	Failure Lightspeed 1900 Appliance 3 Port Offline Failure	False/Inactive
Healthcheck Failure	Offline Failure Lightspeed 1900 Appliance 4 Port Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Combo Check Failure Lightspeed 1900 Appliance 4 Healthcheck Failure	False/Inactive
Lightspeed 1900 1/2 Appliance Failure	Lightspeed 1900 1/3 Appliance Failure	Lightspeed 1900 1/4 Appliance Failure	Lightspeed 1900 Appliance 4 Port Offline Failure Lightspeed 1900 Appliance 4 Combo	True/Active
Failure Lightspeed 1900 1/3/4 Appliance Failure	Failure Failure Failure	Failure	Check Failure Lightspeed 1900 1/2 Appliance Failure Lightspeed 1900 1/3 Appliance Failure	False/Inactive
Activate this Trigger whenever:	▼ TRUE/ACTIVE	×	Lightspeed 1900 1/4 Appliance Failure Lightspeed 1900 2/3 Appliance Failure	False/Inactive
Make this Trigger True/Active only when the Revert this Trigger back to False/Inactive of seconds.			Lightspeed 1900 2/4 Appliance Failure Lightspeed 1900 1/2/3 Appliance Failure Lightspeed 1900 1/2/4 Appliance Failure	True/Active False/Inactive False/Inactive
When this Trigger is True/Active then ta ✓ Apply any Monitor Settings or Bypass Send an SNMP Trap/Notification Send a Syslog message		s Trigger.	Lightspeed 1900 1/3/4 Appliance Failure Lightspeed 1900 2/3/4 Appliance Failure Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inactive False/Inactive False/Inactive
Turn on the front-panel Flag LED Disable the following ports (force link	-down):			

21 Lightspeed Rocket 1900 Appliance 1, 2 and 3 Failure

	Trigger Policies		Current Trigger State	s
To: Lignispeed 1900 1/2 Appliance f 17: Lightspeed 1900 1/3 Appliance f 18: Lightspeed 1900 1/4 Appliance f 19: Lightspeed 1900 2/3 Appliance f	Failure	jer Name:	Safety Net (s-c) Safety Net (c-s)	False/Inactive
20: Lightspeed 1900 2/3 Appliance F		eed 1900 1/2/3 Appliance Fail	Safety Net (Combo)	False/Inactive
21: Lightspeed 1900 1/2/3 Appliance 22: Lightspeed 1900 1/2/4 Appliance	e Failure –	Save Trigger Erase Trigger	Lightspeed 1900 Appliance 1 Healthcheck Failure	True/Active
23: Lightspeed 1900 1/3/4 Appliance			Lightspeed 1900 Appliance 1 Port Offline Failure	True/Active
This Trigger will be True/Active: Based u	ipon other Triggers	•	Lightspeed 1900 Appliance 1 Combo Check Failure	True/Active
Selected Trigger(s):			Lightspeed 1900 Appliance 2 Healthcheck Failure	True/Active
			Lightspeed 1900 Appliance 2 Port Offline Failure	True/Active
Safety Net (s-c)	Safety Net (c-s)	Safety Net (Combo)	Lightspeed 1900 Appliance 2 Combo Check Failure	True/Active
Healthcheck Failure	Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Healthcheck Failure	True/Active
Healthcheck Failure	Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	True/Active
Lightspeed 1900 Appliance 3 Healthcheck Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	True/Active
Lightspeed 1900 Appliance 4 Healthcheck Failure	Lightspeed 1900 Appliance 4 Port Offline Failure	Lightspeed 1900 Appliance 4 Combo Check Failure	Lightspeed 1900 Appliance 4 Healthcheck Failure	False/Inactive
Lightspeed 1900 1/2 Appliance Failure	Lightspeed 1900 1/3 Appliance Failure	Lightspeed 1900 1/4 Appliance Failure	Lightspeed 1900 Appliance 4 Port Offline Failure	False/Inactive
Lightspeed 1900 2/3 Appliance	Lightspeed 1900 2/4 Appliance	Lightspeed 1900 1/2/4 Appliance	Lightspeed 1900 Appliance 4 Combo Check Failure	False/Inactive
Lightspeed 1900 1/3/4 Appliance	Lightspeed 1900 2/3/4 Appliance	Lightspeed 1900 ALL (1-4) Appliance	Lightspeed 1900 1/2 Appliance Failure	True/Active
Failure	Failure	Failure	Lightspeed 1900 1/3 Appliance Failure	True/Active
Activate this Trigger whenever:			Lightspeed 1900 1/4 Appliance Failure	False/Inactive
All of the selected triggers are	TRUE/ACTIVE	•	Lightspeed 1900 2/3 Appliance Failure	True/Active
Make this Trigger True/Active only when the	e above conditions have been met cor	ntinuously for at least 0 seconds.	Lightspeed 1900 2/4 Appliance Failure	False/Inactive
Revert this Trigger back to False/Inactive	only after the above conditions have n	ot been met continuously for at least	Lightspeed 1900 1/2/3 Appliance Failure	True/Active
0 seconds.		-	Lightspeed 1900 1/2/4 Appliance Failure	False/Inactive
When this Trigger is True/Active then ta	ke these actions:		Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
Apply any Monitor Settings or Bypass	Settings which are conditioned on this	s Trigger.	Lightspeed 1900 2/3/4 Appliance Failure	False/Inactive
Send an SNMP Trap/Notification			Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inactive
Send a Syslog message				
Turn on the front-panel Flag LED				
Disable the following ports (force link	-downj:			

22 Lightspeed Rocket 1900 Appliance 1, 2 and 4 Failure

			77	
	Trigger Policies		Current Trigger State	s
19: Lightspeed 1900 2/3 Appliance 1 20: Lightspeed 1900 2/4 Appliance 1 21: Lightspeed 1900 1/2/3 Appliance 22: Lightspeed 1900 1/2/4 Appliance 23: Lightspeed 1900 1/3/4 Appliance 24: Lightspeed 1900 2/3/4 Appliance 25: Lightspeed 1900 ALL (1-4) Appli 26 27	Failure a Failure a Failure a Failure ance Failure Trigg Lightspu	er Name: eed 1900 1/2/4 Appliance Fail Save Trigger Erase Trigger	Safety Net (s-c) Safety Net (o-s) Safety Net (Combo) Lightspeed 1900 Appliance 1 Healthcheck Failure Lightspeed 1900 Appliance 1 Port Offline Failure Lightspeed 1900 Appliance 1 Combo	False/Inactive False/Inactive False/Inactive True/Active True/Active
This Trigger will be True/Active: Based u Selected Trigger(s):	pon other Triggers	•	Check Failure Lightspeed 1900 Appliance 2 Healthcheck Failure	True/Active
Safety Net (s-c)	Safety Net (c-s)	Safety Net (Combo)	Lightspeed 1900 Appliance 2 Port Offline Failure Lightspeed 1900 Appliance 2 Combo Check Failure	True/Active True/Active
Lightspeed 1900 Appliance 2 Healthcheck Failure	Lightspeed 1900 Appliance 2 Port Offline Failure Lightspeed 1900 Appliance 3 Port	Lightspeed 1900 Appliance 2 Combo Check Failure Lightspeed 1900 Appliance 3 Combo	Lightspeed 1900 Appliance 3 Healthcheck Failure Lightspeed 1900 Appliance 3 Port Offline Failure	False/Inactive
Healthcheck Failure	Offline Failure Uightspeed 1900 Appliance 4 Port Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Combo Check Failure Lightspeed 1900 Appliance 4 Healthcheck Failure	False/Inactive
Lightspeed 1900 1/2 Appliance Failure	Lightspeed 1900 1/3 Appliance Failure Lightspeed 1900 2/4 Appliance	Lightspeed 1900 1/4 Appliance Failure	Lightspeed 1900 Appliance 4 Port Offline Failure Lightspeed 1900 Appliance 4 Combo Check Failure	True/Active True/Active
Failure Lightspeed 1900 1/3/4 Appliance Failure	Failure Lightspeed 1900 2/3/4 Appliance Failure	Failure	Lightspeed 1900 1/2 Appliance Failure Lightspeed 1900 1/3 Appliance Failure	True/Active False/Inactive
Activate this Trigger whenever:	▼ TRUE/ACTIVE		Lightspeed 1900 1/4 Appliance Failure Lightspeed 1900 2/3 Appliance Failure	True/Active False/Inactive
Make this Trigger True/Active only when the Revert this Trigger back to False/Inactive seconds.			Lightspeed 1900 2/4 Appliance Failure Lightspeed 1900 1/2/3 Appliance Failure Lightspeed 1900 1/2/4 Appliance Failure	True/Active False/Inactive True/Active
When this Trigger is True/Active then ta Image: Apply any Monitor Settings or Bypass Send an SNMP Trap/Notification Send a Syslog message		: Trigger.	Lightspeed 1900 1/3/4 Appliance Failure Lightspeed 1900 2/3/4 Appliance Failure Lightspeed 1900 ALL (1-4) Appliance Failure	False/Inactive False/Inactive False/Inactive
 Turn on the front-panel Flag LED Disable the following ports (force link) 	-down):			

23 Lightspeed Rocket 1900 Appliance 1, 3 and 4 Failure

	Trigger Policies		Current Trigger State	s
 Lightspeed 1900 2/3 Appliance Lightspeed 1900 2/4 Appliance Lightspeed 1900 1/2/3 Appliance Lightspeed 1900 1/2/4 Appliance Lightspeed 1900 1/2/4 Appliance Lightspeed 1900 2/3/4 Appliance Lightspeed 1900 2/3/4 Appliance Lightspeed 1900 2/3/4 Appliance Lightspeed 1900 ALL (1-4) Appliance Lightspeed 1900 ALL (1-4) Appliance 	Failure e Failure e Failure e Failure e Failure	ger Name: eed 1900 1/3/4 Appliance Fail Save Trigger Erase Trigger	Safety Net (s-c) Safety Net (c-s) Safety Net (Combo) Lightspeed 1900 Appliance 1 Healthcheck Failure Failure	False/Inactive False/Inactive False/Inactive True/Active True/Active
This Trigger will be True/Active: Based u	ipon other Triggers	•	Lightspeed 1900 Appliance 1 Combo Check Failure	True/Active
Selected Trigger(s):			Lightspeed 1900 Appliance 2 Healthcheck Failure	False/Inactive
Safety Net (s-c)	Safety Net (c-s)	Safety Net (Combo)	Lightspeed 1900 Appliance 2 Port Offline Failure	False/Inactive
Lightspeed 1900 Appliance 1	Lightspeed 1900 Appliance 1 Port	Lightspeed 1900 Appliance 1 Combo	Lightspeed 1900 Appliance 2 Combo Check Failure	False/Inactive
Healthcheck Failure	Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Healthcheck Failure	True/Active
Healthcheck Failure	Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	True/Active
Lightspeed 1900 Appliance 3 Healthcheck Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	True/Active
Lightspeed 1900 Appliance 4 Healthcheck Failure	Lightspeed 1900 Appliance 4 Port Offline Failure	Lightspeed 1900 Appliance 4 Combo Check Failure	Lightspeed 1900 Appliance 4 Healthcheck Failure	True/Active
Lightspeed 1900 1/2 Appliance Failure	Lightspeed 1900 1/3 Appliance Failure	Lightspeed 1900 1/4 Appliance Failure	Lightspeed 1900 Appliance 4 Port Offline Failure	True/Active
Lightspeed 1900 2/3 Appliance	Lightspeed 1900 2/4 Appliance	Lightspeed 1900 1/2/3 Appliance	Lightspeed 1900 Appliance 4 Combo Check Failure	True/Active
Lightspeed 1900 1/2/4 Appliance	Lightspeed 1900 2/3/4 Appliance	Lightspeed 1900 ALL (1-4) Appliance	Lightspeed 1900 1/2 Appliance Failure	False/Inactive
Failure	Failure	Failure	Lightspeed 1900 1/3 Appliance Failure	True/Active
Activate this Trigger whenever:	▼ TRUE/ACTIVE	•	Lightspeed 1900 1/4 Appliance Failure	True/Active
			Lightspeed 1900 2/3 Appliance Failure	False/Inactive
Make this Trigger True/Active only when the	te above conditions have been met cor	ntinuously for at least 0 seconds.	Lightspeed 1900 2/4 Appliance Failure	False/Inactive
Revert this Trigger back to False/Inactive	only after the above conditions have n	ot been met continuously for at least	Lightspeed 1900 1/2/3 Appliance Failure	False/Inactive
			Lightspeed 1900 1/2/4 Appliance Failure Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
When this Trigger is True/Active then ta		Trigger	Lightspeed 1900 2/3/4 Appliance Failure	False/Inactive
Send an SNMP Trap/Notification	seconds which are conditioned on this	, myyer.	Lightspeed 1900 2/3/4 Appliance Pallure	
Send a Syslog message			Failure	False/Inactive
Turn on the front-panel Flag LED				
Disable the following ports (force link Disable the following ports (force link	(-down):			

24 Lightspeed Rocket 1900 Appliance 2, 3 and 4 Failure

	Trigger Policies		Current Trigger State	s
T9: Lightspeed 1900 2/3 Appliance f 20: Lightspeed 1900 2/3 Appliance f 21: Lightspeed 1900 1/2/3 Appliance 22: Lightspeed 1900 1/2/4 Appliance 23: Lightspeed 1900 1/3/4 Appliance 24: Lightspeed 1900 2/3/4 Appliance 25: Lightspeed 1900 ALL (1-4) Appli 26 27	Failure Trigg Failure Lightspe Failure Stailure	er Name: aed 1900 2/3/4 Appliance Fail Save TriggerErase Trigger	Safety Net (s-c) Safety Net (c-s) Safety Net (Combo) Lightspeed 1900 Appliance 1 Healthcheck Failure Lightspeed 1900 Appliance 1 Port Offline Failure	False/Inactive False/Inactive False/Inactive False/Inactive
This Trigger will be True/Active: Based u	pon other Triggers	•	Lightspeed 1900 Appliance 1 Combo Check Failure	False/Inactive
Selected Trigger(s):			Lightspeed 1900 Appliance 2 Healthcheck Failure	True/Active
Safety Net (s-c)	Safety Net (c-s)		Lightspeed 1900 Appliance 2 Port Offline Failure Lightspeed 1900 Appliance 2 Combo Check Failure	True/Active True/Active
Healthoheok Failure	Offline Failure Lightspeed 1900 Appliance 2 Port Offline Failure	Check Failure Check Failure Lightspeed 1900 Appliance 2 Combo Check Failure	Lightspeed 1900 Appliance 3 Healthcheck Failure Lightspeed 1900 Appliance 3 Port Offline	True/Active
Lightspeed 1900 Appliance 3 Healthcheck Failure		Lightspeed 1900 Appliance 3 Combo Check Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	True/Active
Lightspeed 1900 Appliance 4 Healthcheck Failure	Lightspeed 1900 Appliance 4 Port Offline Failure	Lightspeed 1900 Appliance 4 Combo Check Failure	Lightspeed 1900 Appliance 4 Healthcheck Failure	True/Active
Lightspeed 1900 1/2 Appliance Failure	Lightspeed 1900 1/3 Appliance Failure	Lightspeed 1900 1/4 Appliance Failure	Lightspeed 1900 Appliance 4 Port Offline Failure	True/Active
Lightspeed 1900 2/3 Appliance Failure	Lightspeed 1900 2/4 Appliance Failure	Lightspeed 1900 1/2/3 Appliance Failure	Lightspeed 1900 Appliance 4 Combo Check Failure	True/Active
Lightspeed 1900 1/2/4 Appliance Failure	Lightspeed 1900 1/3/4 Appliance Failure	Lightspeed 1900 ALL (1-4) Appliance Failure	Lightspeed 1900 1/2 Appliance Failure Lightspeed 1900 1/3 Appliance Failure	False/Inactive
Activate this Trigger whenever:	TRUE/ACTIVE	•	Lightspeed 1900 1/4 Appliance Failure Lightspeed 1900 2/3 Appliance Failure	False/Inactive True/Active
Make this Trigger True/Active only when the	e above conditions have been met con	tinuously for at least 0 seconds.	Lightspeed 1900 2/4 Appliance Failure	True/Active
Revert this Trigger back to False/Inactive of seconds.	only after the above conditions have n	ot been met continuously for at least	Lightspeed 1900 1/2/3 Appliance Failure Lightspeed 1900 1/2/4 Appliance Failure	False/Inactive
When this Trigger is True/Active then ta			Lightspeed 1900 1/3/4 Appliance Failure	False/Inactive
Apply any Monitor Settings or Bypass	Settings which are conditioned on this	Trigger.	Lightspeed 1900 2/3/4 Appliance Failure Lightspeed 1900 ALL (1-4) Appliance Failure	True/Active False/Inactive
Turn on the front-panel Flag LED Disable the following ports (force link	-down):			

25 Lightspeed Rocket 1900 All Appliance 1, 2, 3 and 4 Failure

	LightSpeed 202	0 with 4 Rocket 1900s and He	ealthcheck Triggers	
	Trigger Policies		Current Trigger States	
19: Lightspeed 1900 2/3 Appliance F			Safety Net (s-c)	True/Active
20: Lightspeed 1900 2/4 Appliance Fi 21: Lightspeed 1900 1/2/3 Appliance	E-thurs	r Name:	Safety Net (c-s)	True/Active
22: Lightspeed 1900 1/2/4 Appliance	Failure	ed 1900 ALL (1-4) Appliance	Safety Net (Combo)	True/Active
23: Lightspeed 1900 1/3/4 Appliance 24: Lightspeed 1900 2/3/4 Appliance	Failure		Lightspeed 1900 Appliance 1 Healthcheck	
25: Lightspeed 1900 ALL (1-4) Applia		Save Trigger Erase Trigger	Failure	True/Active
26 27	•		Lightspeed 1900 Appliance 1 Port Offline Failure	True/Active
This Trigger will be True/Active: Based up	oon other Triggers	•	Lightspeed 1900 Appliance 1 Combo Check Failure	True/Active
Colored Triumately			Lightspeed 1900 Appliance 2 Healthcheck Failure	True/Active
Selected Trigger(s):			Lightspeed 1900 Appliance 2 Port Offline Failure	True/Active
Safety Net (s-c)	Safety Net (c-s) Lightspeed 1900 Appliance 1 Port	Safety Net (Combo)	Lightspeed 1900 Appliance 2 Combo Check Failure	True/Active
Healthcheck Failure	Offline Failure	Check Failure	Lightspeed 1900 Appliance 3 Healthcheck Failure	True/Active
Lightspeed 1900 Appliance 2 Healthcheck Failure	Lightspeed 1900 Appliance 2 Port Offline Failure	Lightspeed 1900 Appliance 2 Combo Check Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	True/Active
Lightspeed 1900 Appliance 3 Healthcheck Failure	Lightspeed 1900 Appliance 3 Port Offline Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	Lightspeed 1900 Appliance 3 Combo Check Failure	True/Active
Lightspeed 1900 Appliance 4 Healthcheck Failure	Lightspeed 1900 Appliance 4 Port Offline Failure	Lightspeed 1900 Appliance 4 Combo Check Failure	Lightspeed 1900 Appliance 4 Healthcheck Failure	True/Active
Lightspeed 1900 1/2 Appliance Failure	Lightspeed 1900 1/3 Appliance Failure	Lightspeed 1900 1/4 Appliance Failure	Lightspeed 1900 Appliance 4 Port Offline Failure	True/Active
Lightspeed 1900 2/3 Appliance	Lightspeed 1900 2/4 Appliance	Lightspeed 1900 1/2/3 Appliance	Lightspeed 1900 Appliance 4 Combo Check Failure	True/Active
Lightspeed 1900 1/2/4 Appliance	Lightspeed 1900 1/3/4 Appliance	Lightspeed 1900 2/3/4 Appliance	Lightspeed 1900 1/2 Appliance Failure	True/Active
Failure	Failure	Failure	Lightspeed 1900 1/3 Appliance Failure	True/Active
Activate this Trigger whenever:			Lightspeed 1900 1/4 Appliance Failure	True/Active
All v of the selected triggers are	▼ TRUE/ACTIVE	•	Lightspeed 1900 2/3 Appliance Failure	True/Active
Make this Trigger True/Active only when the	above conditions have been met cont	inuously for at least 0 seconds.	Lightspeed 1900 2/4 Appliance Failure	True/Active
Revert this Trigger back to False/Inactive o	nly after the above conditions have no	t been met continuously for at least 0	Lightspeed 1900 1/2/3 Appliance Failure	True/Active
seconds.			Lightspeed 1900 1/2/4 Appliance Failure	True/Active
When this Trigger is True/Active then tak	e these actions:		Lightspeed 1900 1/3/4 Appliance Failure	True/Active
Apply any Monitor Settings or Bypass S	ettings which are conditioned on this	Trigger.	Lightspeed 1900 2/3/4 Appliance Failure	True/Active
Send an SNMP Trap/Notification			Lightspeed 1900 ALL (1-4) Appliance	True/Active
Send a Syslog message			Failure	
Turn on the front-panel Flag LED Disable the following ports (force link)	down):			
Disable the following ports (force link-	down):			

Chapter 4 Genentech

The configuration has a password on it: VSS, vss, vss123 did not work.

Application Note

Introduction:

This document has been created to assist Protector 2020 customers and Sales Engineer who wish to deploy security in layer solutions to protect inside and outside threat. The information and examples provided here may be different than your deployment, but should provide the necessary information needed to understand how you might want to configure Protector2020 along with other Security devices inline devices.

This document covers the following Products:

- VSS Protector 2020, Inline Active and Passive inline tool
- FireEye 1300 Series intercept all incoming and outgoing email and Web traffic for malware detection. FireEye inline operational mode can be configured to Block, Monitor or Bypass traffic.
- Blue Coat ProxySG 900 intercepts all Web traffic. Inline operational mode can configured to Block, monitor or bypass traffic.

Deployment Topology:

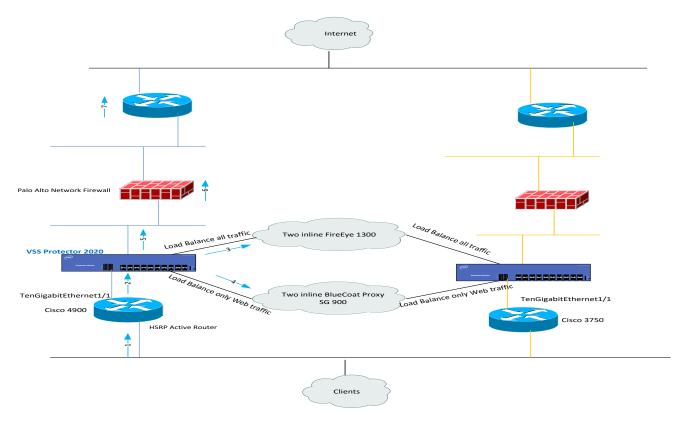


Figure 1

As shown in Figure 1 above, Cisco 4900 is HSRP Active router. All traffic from inside traverse through Cisco 4900, VSS Protor2020 inline device, load balanced traffic between two FireEye and BlueCoat Proxy SG devices. FireEye are configured to test both monitor and block mode. Bluecoats are configured to intercept unauthorized website access and notify user that their website access violated company's policy.

Issues and Solution:

- Palo Alto Firewall and Cisco routers are using 10Gig interface whereas BlueCoat and FireEye's monitor interfaces are 1Gig.
- All traffic destine to internet need to be intercepted by FireEye for malware detections. In future other third party vendor's security tools will be added in series.
- Only web traffic need to be sent to BlueCoat proxy device without using Cisco's Web Cache Communication protocol (WCCP) for ease of manageability and troubleshooting.

VSS Protector 2020 is inline Active or Passive monitoring device. It has 24 ports. Each port can be configured as 10Gig or 1Gig interface. Load balance feature can send traffic to eight inline Active or Passive monitoring tools. Packet flow diagrams to address above issues are as shown below in figure 2.

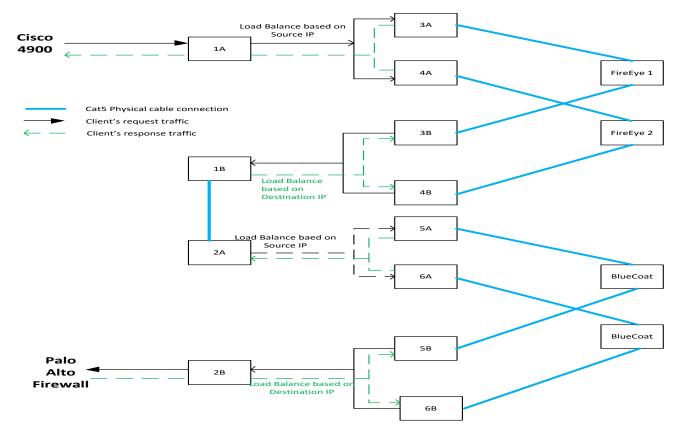
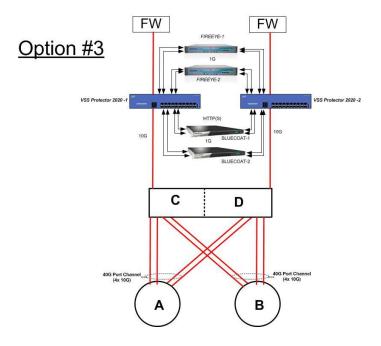


Figure 2.

In above Figure 2, each FireEye inline monitor ports are physically connected to 3A, 3B and 4A, 4B port pairs. All client's traffic destine to internet load balance between two FireEyes in port 3A and 4A. Load balance criteria are based on client's source IP (SIP). Protector 2020 hash SIP to track which port client's request came from. Response traffic load balanced based on destination IP address in 3B and 4B using the same hashing algorithm. 1B port physically connected to port 2A. TCP source or destination port 80 filters applied in port 2A to send only Web traffic to BlueCoat. Non Web traffic will be sent directly to 2B. Same Source IP and destination IP load balancing criteria applied in 5A, 6A and 5B, 6B.

Following use cases executed in this scenario:

- Send 10 clients GET request to one Server. Simple HTTP GET request. Run tcpdump in both FireEyes. Analyze the results of tcpdump. Objective is to check if inline devices are seeing that traffic. Also, to observe traffic is getting load balance
- #tcpdump –ni pether3 –f 'host x.x.x.x'
- Send 100 Clients GET request to 10 servers. Simple HTTP GET request. Run tcpdump in both FireEye. Analyze the results of tcpdump. Objective is to check load balance.
- Send 10 Clients GET request to 1 server. Each GET is malware pdf download. Objective is to verify FireEye blocking feature.
- Find maximum transaction per sec throughput of FireEye. Couple of GET should be malware. Check if FireEye can catch it.



Deployment

Filter 1

vss-rwc-02-901500-yy70

		Monitor Filtering	
Filter: b	phosts-poc-te cp-rwc-01 cp-rwc-02 Add new filt	Filter Name: bop-rwo-01	Save Filter Delete Filter Copy Filter
	(tcp src port 80) and ((ip dest 72.3 lest 10.28.61.16))) and MAC Destination	34.140.147) or (ip dest 10.36.11.247) ion 83fffe064461) or (ip
Quick Detaile	ed Advanced xpression is specified with packet fields (below), and va		
packet field [=] v			
Aultiple such comp ising "(" and ")". Packet fields mac source	parisons may be joined using the keywords "and" or "o Alternate forms mac source address, ethernet source [address], sour	Notes rce <mac ethernet> [address]</mac ethernet>	ated left-to-right, but an explicit evaluation order may be specified
Multiple such comp using "(" and ")". Packet fields mac source mac destinatio etype	parisons may be joined using the keywords "and" or "o Miternate forms mac source address, ethernet source [address] sour n <mac]ethernet [address],="" dest[ination<br="" dest[ination]="">[mac]ethernet] etype</mac]ethernet>	Notes rœ <mac ethernet> [address] n] <mac ethernet> [address]</mac ethernet></mac ethernet>	ated left-to-right, but an explicit evaluation order may be specified
Vultiple such comp using "(" and ")". Packet fields mac source mac destinatio	parisons may be joined using the keywords "and" or "o Alternate forms mac source address, ethernet source [address], sour n <macjethernet> dest[ination] [address], dest[ination</macjethernet>	Notes rce <mac ethernet> [address]</mac ethernet>	ated left-to-right, but an explicit evaluation order may be specified
Multiple such comp using "(" and ")". Packet fields mac source mac destinatio etype vlan priority tag ip source	parisons may be joined using the keywords "and" or "o Alternate forms mac source address, ethernet source [address], sour (mac]ethernet) dest[ination [mac]ethernet] vianid. [mac]ethernet] vid [mac]ethernet] vianid.[mac]ethernet] vid [mac]ethernet] vianid.ethernet] qos [mac]ethernet] tag [mac]ethernet] tag [mac]ethernet]. Sources(src> ip [address]	Notes roe <macjethernet> [address] nj <macjethernet> [address] Range optional: mask <value></value></macjethernet></macjethernet>	ated left-to-right, but an explicit evaluation order may be specified
Multiple such comp using "(" and ")". Packet fields mac source mac destinatio etype vlan priority tag ip source ip destination	parisons may be joined using the keywords "and" or "o Maternate forms mac source address, ethernet source [address], sour (macjethernet) dest[ination] [address], dest[ination [macjethernet] vipne [macjethernet] pri, [macjethernet] vio [macjethernet] pri, [macjethernet] qos [macjethernet] pri, [macjethernet] qos [macjethernet] tag ip ser (address], dest[ination] ip [address] ip dest [address], dest[ination] ip [address]	Notes rce <macjethernet> [address] n] <macjethernet> [address] Range</macjethernet></macjethernet>	ated left-to-right, but an explicit evaluation order may be specified
Aultiple such comp sing "(" and ")". Packet fields mac source mac destinatio etype vlan priority tag ip source	parisons may be joined using the keywords "and" or "o Alternate forms mac source address, ethernet source [address], sour (mac]ethernet) dest[ination [mac]ethernet] vianid. [mac]ethernet] vid [mac]ethernet] vianid.[mac]ethernet] vid [mac]ethernet] vianid.ethernet] qos [mac]ethernet] tag [mac]ethernet] tag [mac]ethernet]. Sources(src> ip [address]	Notes roe <macjethernet> [address] nj <macjethernet> [address] Range optional: mask <value></value></macjethernet></macjethernet>	ated left-to-right, but an explicit evaluation order may be specified
Aultiple such comp sing "(" and ")". Packet fields mac source mac destinatio etype vlan priority tag ip source ip destination ip tos	parisons may be joined using the keywords "and" or "o Alternate forms mac source address, ethernet source [address], sour (mac]ethernet) dest[ination] [address], dest[ination [mac]ethernet] vanid, [mac]ethernet] vid [mac]ethernet] vanid, [mac]ethernet] qos [mac]ethernet] tag ip sro [address], dest[ination] ip [address] ip tots	Notes roe <macjethernet> [address] nj <macjethernet> [address] Range optional: mask <value></value></macjethernet></macjethernet>	ated left-to-right, but an explicit evaluation order may be specified
Aultiple such comp sing "(" and ")". Packet fields mac source mac destinatio etype vlan priority tag ip source ip destination ip tos ip protocol	parisons may be joined using the keywords "and" or "o Alternate forms mac source address, ethernet source [address], sour (macjethernet) dest[ination] [address], dest[ination [macjethernet] pri, [macjethernet] vid [macjethernet] pri, [macjethernet] vid [macjethernet] tag ip sor [address], source[src> ip [address] ip dest [address], dest[ination] ip [address] ip tos ip tos	Notes roe <macjethernet> [address] nj <macjethernet> [address] Range optional: mask <value> optional: mask <value></value></value></macjethernet></macjethernet>	ated left-to-right, but an explicit evaluation order may be specified
Multiple such comp using "(" and ")". Packet fields mac source mac destinatio etype vlan priority tag ip source ip destination ip tos ip protocol ip flow	parisons may be joined using the keywords "and" or "o Alternate forms mac source address, ethernet source [address], sour (macjethernet) dest[ination] [address], dest[ination [macjethernet] vlanid, [macjethernet] vid [macjethernet] tag ip sor [address], csource[src> ip [address] ip tost ip tost ip tost ip tost ip fow [topludp] sercisource> port, <source[src> [top udp] p</source[src>	Notes roe <mac ethernet> [address] Range optional: mask <value> root Range</value></mac ethernet>	ated left-to-right, but an explicit evaluation order may be specified

Filter 2

vss-rwc-02-901500-yy70

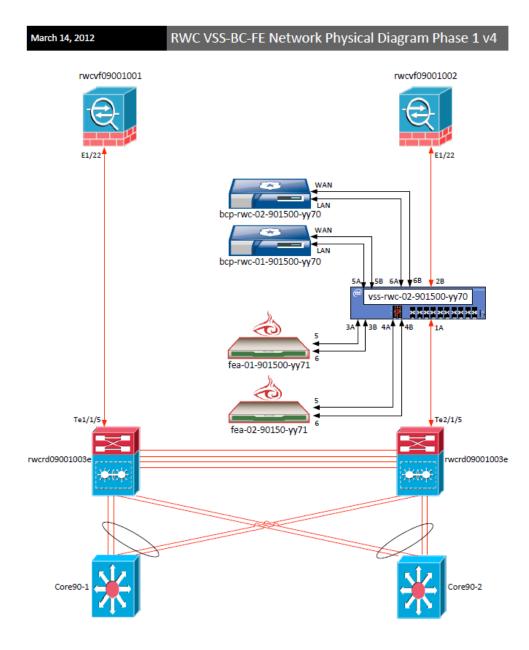
				Monitor Filtering	,		
Filter: bcp-rv	s-poc-te vc-01 vc-02			er Name: p-rwo-02			Save Filter Delete Filter Copy Filter
	src port 80) 10.28.61.16)))			7) or (ip dest e064511	10.36.11.247	7) or (ip	
Quick Detailed							
		t Address	-or-				
Quick Detailed	om: MAC/Etherne	t Address	-or- -or-				
Aonitor packets to or fr	om: MAC/Etherne						
Aonitor packets to or fr	om: MAC/Etherne			© rsvp	© ARP	© RARP	
Jonitor packets to or fro	om: MAC/Etherne or IF	P Address	-or-	RSVP	© ARP □ RSH	C RARP	
Vionitor packets to or fre Jsing protocol(s): (a) Any/Ignore	MAC/Etherne or IF	P Address	Or-				

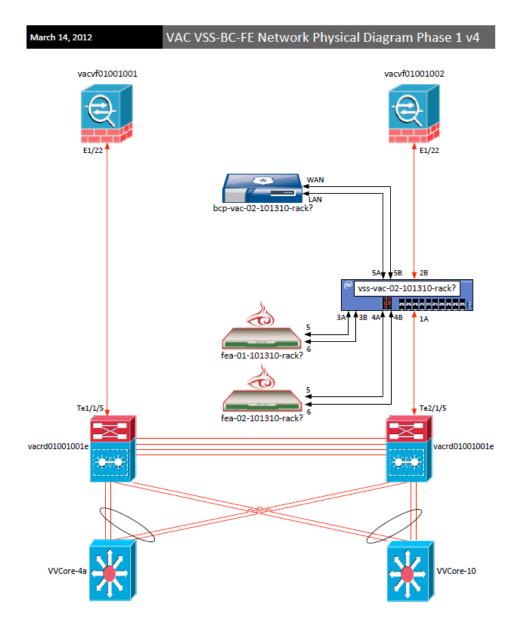
vss-rwc-02-901500-yy70

	ts-poc-te		Fil	ter Name:			Save Filter		
	wc-01 wc-02			hosts-poo-team			Delete Filter		
+ Add	l new filt						Copy Filter		
Condition: 10.30	(tcp src port 80 or tcp dest port 80) and ((ip src 72.34.140.147) or (ip src 10.36.11.247) or (ip src 10.28.61.16) or (ip dest 72.34.140.147) or (ip dest 10.36.11.247) or (ip dest 10.28.61.16))								
Quick Detailed	Advanced		No. 199						
	0.000.000.000	t Address	-or-						
Quick Detailed	om: MAC/Etherne	t Address		0.28.61.16					
lonitor packets to or fr	om: MAC/Etherne			0.28.61.16					
onitor packets to or fr	om: MAC/Etherne			0.28.61.16 © RSVP	O ARP	© RARP			
lonitor packets to or fr	om: MAC/Etherne or IF	Address 72.34.140	0.147 -or- 10		© ARP □ RSH	© RARP			
Ionitor packets to or fr Ising protocol(s):	om: MAC/Etherne or IF	Address 72.34.140	0.147 -or- 10 © OSPF	C RSVP					

Bypass Settings

Filter Expression	Network Bypass Port	Bypass Settings	Additional Monitor Port Output	Ran
Trigger: 🔘 Always 🔘 Only wh	en:			
(Unfiltered)	1A: claco-IN	Method: Lose-Balancing Type: Lose Balancing Type: P Source Lose-Balancing Group: FireEje - A Sice	Load Belancing Type: None (cutput to all selected ports) Ports: 128	×
Trigger: 🧕 Always 🔘 Only wh	en:			
(Unflikered)	15	Method: Loa-Calarce to several Eppase Monitor ports	Load Baancing Type: None (odput to all selected ports) Ports: 12A 12B	2 X 0
Trigger: 🔍 Always 🔘 Only wh	en.			
iphosts-poo-team	2A 💌	Method: Los-Bailance to several Bypass Monitor ports Losd Bailancing Tripe: P Source Losd-Bailancing Group: BueCost A- LAN	Load Balanding Tipe: None (xuput to all selected ports)	() X ()
Trigger: 🔍 Always 🔘 Only wh	en:			
bop-nvo-01	28: firewall-OUT	Method:	Load Balancing Type: None (output to all selected ports) Ports: 124. 128	0 X 0
Trigger: 🙆 Always 🔘 Only wh	a0.			
bop-nwo-02	25: firewall-OUT	Method:	Load Balancing Tips: None (output to all elected ponts)	0 X 0
Trigger: Only wh	en:			
(Nonmatch)	28: firewall-OUT	Method: No bypass: direct passthrough Direct tap passthrough from 2B to 2A	Load Balancing Type: None (output to all selected ports)	2





Chapter 5 Dominion

Dominion Screen Snapshots

System Status:

OJRP - Primary

Sunday, January 20, 2013 8:10:28 PM (21 Jan 2013 04:10:28 UTC) System Name: OJRP - Primary

- System Location: OJRP 1B Firewall Cage
- System Contact: Network Operations WAN
- Internal Temperature: Normal (82 °F, 28 °C)

Main Power Supply #1: Zero or low voltage

Booted Sunday, January 20, 2013 7:30:10 PM (21 Jan 2013 03:30:10 UTC) Running 0 days, 0 hours, 40 minutes, 18 seconds Last configuration change Tuesday, December 18, 2012 10:34:30 AM The Monitor Buffer is OK

Main Power Supply #2: Normal voltage

Power Supply / Voltage Alert

					Port Statu	IS				
Port	Name	Link	Speed	Duplex	Negotiate	MDI	Class	Monitor	Status	Setup
1A	ASR (intranet)	Up	1G	Full	Auto	Auto	Network Bypass	To: 1B 3A From: 1B 3A	LinkSafe OK	Setup
1B	5K (internet)	Down		-	Auto	Auto	Network Bypass	To: 1A 3B From: 1A 3B	LinkSafe Enabled	Setup
2A		Down		-	Auto	Auto	Network Bypass		-	Setup
2B		Down		-	Auto	Auto	Network Bypass		-	Setup
ЗA	Netronome [A/1] (intranet)	Up	1G	Full	Auto	Auto	Bypass Monitor	From: 1A To: 1A	ок	Setup
3B	Netronome [A/4] (internet)	Up	1G	Full	Auto	Auto	Bypass Monitor	From: 1B To: 1B	ок	Setup
4A	Netronome [A/2] (to sec dev)	Up	1G	Full	Auto	Auto	Network Bypass	To: 5A From: 5A	ок	Setup
4B	Netronome [A/3] (from sec dev)	Up	1G	Full	Auto	Auto	Network Bypass	To: 5B From: 5B	ок	Setup
5A	Jumper [5A-6A] (NN-FE)	Up	1G	Full	Auto	Auto	Bypass Monitor	From: 4A To: 4A	ок	Setup
5B	Jumper [7B-5B] (PA-NN)	Up	1G	Full	Auto	Auto	Bypass Monitor	From: 4B To: 4B	ок	Setup
6A	Jumper [6A-5A] (FE-NN)	Up	1G	Full	Auto	Auto	Network Bypass	To: 6B From: 6B	LinkSafe OK	Setup
6B	Jumper [6B-7A] (FE-PA)	Up	1G	Full	Auto	Auto	Network Bypass	To: 6A From: 6A	LinkSafe OK	Setup
7A	Jumper [6B-7A] (PA-FE)	Up	1G	Full	Auto	Auto	Network Bypass	To: 7B From: 7B	ок	Setup
7B	Jumper [7B-5B] (PA-NN)	Up	1G	Full	Auto	Auto	Network Bypass	To: 7A From: 7A	ок	Setup
8A	FireEye [pether4] (intranet)	Up	1G	Full	Auto	Auto	Bypass Monitor		ок	Setup
8B	FireEye [pether3] (internet)	Up	1G	Full	Auto	Auto	Bypass Monitor		ок	Setup
9A	PAN A [e/1] (intranet)	Up	1G	Full			Bypass Monitor		LinkSafe OK	Setup
9B	PAN A [e/2] (internet)	Up	1G	Full			Bypass Monitor		LinkSafe OK	Setup
10A	PAN B [e/1] (intranet)	Down		-	-		Bypass Monitor		LinkSafe Enabled	Setup
10B	PAN B [e/2] (internet)	Down			-		Bypass Monitor		LinkSafe Enabled	Setup
11A		Down		-	-		Bypass Monitor		LinkSafe Enabled	Setup
11B		Down			-		Bypass Monitor		LinkSafe Enabled	Setup
12A	CSOC Sniffer	Down		-	-		Monitor		-	Setup
12B	Infinistream	Down					Monitor		-	Setup

Monitor Filtering:

			I	Monitor Filtering			
Filter:	HSRP ven + Add new			Filter Name: HSRP versio Filter conditi chars): 79	n 1 on length (#	of	Save Filter Delete Filter Copy Filter
Condition:	-	tination ation por		2 and udp	source	port 1985 an	d udp
Quick Detailed	Advance	ed					
Monitor packets to o	or from:						
MAC/Et	thernet Address		-or-				
	or IP Address		-or-				
Using protocol(s):		,	,				
Any/Ignore	C ICMP	C IGMP	C OSPF	C RSVP	C ARP	C RARP	
C TCP:	П нттр	HTTPS	Telnet	SSH	RSH	FTP	
C UDP:				NetBIOS			

Load Balancing:

OJRP - Primary

Session-Aware Load-Balancing Groups

IAC/Layer 2 Load-Balancing Methods should:

Include the packet input port number (best load-balanced distribution)

C Exclude the packet input port number (if individual sessions might span multiple ports) ayer 3+ Load-Balancing Methods always exclude the packet input port number.

oad-Balancing Groups:

-	PAN LB Group - Intranet Ports			😕 Delete this group
	Bypass Monitor Port Group		O N	Ionitor Port Group
	Port			Offline if
	× SA (PAN A [e/1] (intranet)) ▼	Offline if link down True/Active	-or- if Trigger	(none) 💌 is
	× 10A (PAN B [e/1] (intranet))	Offline if link down True/Active	-or- if Trigger	(none) 💌 is
	Add new port			
	-	ons among the remain e - offline port's session alternate Load-Balanci only to a failover port is only to "No Bypass -	ing online por ns dropped (ol ng Group from Load-Bal Direct Passth	ancing Group
	C H: Change all traffic / all sessions t	o "Block/Drop"		
-	PAN LB Group - Internet Ports]	🗴 Delete this group
	Bypass Monitor Port Group		<u>о</u> м	Ionitor Port Group
	Port			Offline if
	× 9B (PAN A [e/2] (internet)) ▼	Offline if link down True/Active	-or- if Trigger	(none) 💌 is
	× 10B (PAN B [e/2] (internet)) ▼	Offline if link down True/Active	-or- if Trigger	(none) 💌 is
	Add new port			
	When any port goes Offline:			
	-			ons might move, but best load-balance) ts (other ports' sessions remain fixed)
	C C: Do not re-balance or re-distribute			
	O D: Move all traffic / all sessions to	alternate Load-Balanci	ng Group	
	C E: Move the offline port's sessions C F: Change the offline port's session	-		
	G: Change all traffic / all sessions t			
	C H: Change all traffic / all sessions t			
	Add new Load-Balancing Group			

Save Settings

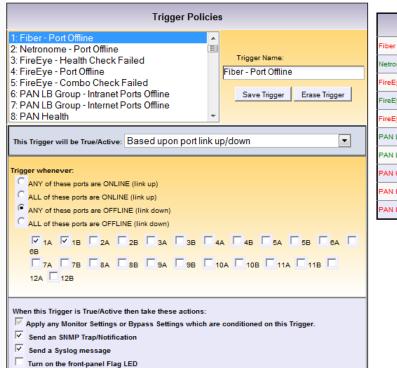
Bypass Monitor I:

Filtering and Bypass/Monitor Output Settings Each row in the table below represents a mapping of Network Bypass Ports to Bypass Monitor Ports and Monitor Port output. To add a new mapping row, click the "+Add" button below. To remove a mapping row, click the "Delete" button on the desired row. 1 Filter Expression Network Bypass Port Bypass Settings Additional Monitor Port Output Ra Trigger: • Always Only when: Load Balancing Type: Method: × -No bypass; direct passthrough None (output to all selected ports) • HSRP version 1 IA: ASR (intranet) -• Ports: Direct tap passthrough from 1A to 1B 12A 12B Trigger: 🖲 Always 🛛 Only when: ٢ Load Balancing Type: Method: • × No bypass; direct passthrough None (output to all selected ports) • HSRP version 1 1B: 5K (internet) -. Ports: Direct tap passthrough from 1B to 1A 12A 12B Trigger: C Always C Only when: Netronome - Port Offline 💌 C is True/Active C is False/Inactive Method: Load Balancing Type: None (output to all selected ports) Bypass to a single Bypass Monitor port • × -(Nonmatch) 1A: ASR (intranet) -● 3A O 3B O 5A O 5B O 8A C 8B C 9A C 9B Ports: . 12A 12B C 10A C 10B C 11A C 11B C is True/Active is False/Inactive Trigger: C Always C Only when: Netronome - Port Offline ٠ Method: Load Balancing Type: Bypass to a single Bypass Monitor port -× None (output to all selected ports) -(Nonmatch) 1B: 5K (internet) • C 3A € 3B C 5A C 5B C 8A C 8B C 9A C 9B ٠ Ports: 12A 12B O 10A O 10B O 11A O 11B Trigger: C Always • Only when: Netronome - Port Offline 💌 C is True/Active • is False/Inactive ٢ Method: Load Balancing Type: Bypass to a single Bypass Monitor port • × None (output to all selected ports) • (Nonmatch) ▼ 4A: Netronome [A/2] (to sec dev) ▼ C 3A C 3B @ 5A C 5B C 8A C 8B C 9A C 9B • Ports: C 10A C 10B C 11A C 11B 12A 12B Trigger: C Always Conly when: Netronome - Port Offline is True/Active 🔎 is False/Inactive ٢ Method: Load Balancing Type: Bypass to a single Bypass Monitor port • × None (output to all selected ports) • (Nonmatch) ▼ 4B: Netronome [A/3] (from sec dev) ▼ C 3A C 3B C 5A @ 5B C 8A C 8B C 9A C 9B Ports: -12A 12B C 10A C 10B C 11A C 11B Trigger: C Always C Only when: Netronome - Port Offline 💌 💿 is True/Active C is False/Inactive 1 Method: Load Balancing Type: Bypass to a single Bypass Monitor port • × None (output to all selected ports) • 1A: ASR (intranet) (Nonmatch) -C 3A C 3B € 5A C 5B C 8A C 8B C 9A C 9B Ports: • □ 12A □ 12B C 10A C 10B C 11A C 11B Trigger: C Always C Only when: Netronome - Port Offline 💌 C is False/Inactive ٢ Method: Load Balancing Type: None (output to all selected ports) Bypass to a single Bypass Monitor port -• × (Nonmatch) 1B: 5K (internet) -Ports: ٠ 12A 12B

Bypass Monitor II:

Trigger: 🔍 Alwa	ays Conly when: FireEye - Combo Check F	S is True/Active is False/Inactive Method:		
		Bypass to a single Bypass Monitor port	Load Balancing Type:	-
Nonmatch)	 6A: Jumper [6A-5A] (FE-NN) 		None (output to all selected ports)	
		- 0 3A 0 3B 0 5A 0 5B 0 8A 0 8B 0 9A 0 9B	Ports:	
		C 10A C 10B C 11A C 11B	□ 12A □ 12B	
Trigger: 🔘 Alwa	ays 🖲 Only when: FireEye - Combo Check F	💽 😳 is True/Active 📧 is False/Inactive		
		Method:	Load Balancing Type:	
		Bypass to a single Bypass Monitor port	None (output to all selected ports)	
Nonmatch)	 6B: Jumper [6B-7A] (FE-PA) 	C 3A C 3B C 5A C 5B C 8A • 8B C 9A C 9B	Ports:	-
		C 10A C 10B C 11A C 11B	✓ 12A 12B	
Frigger: C Alwa	ays 📀 Only when: FireEye - Combo Check F	▼		
		Method:	Load Balancing Type:	
		No bypass; direct passthrough	None (output to all selected ports)	
Nonmatch)	 6A: Jumper [6A-5A] (FE-NN) 		Ports:	
		Direct tap passthrough from 6A to 6B	12A 12B	
rigger: C Alwa	ays 🖲 Only when: FireEye - Combo Check F	▼ [●] is True/Active [○] is False/Inactive		
		Method:	Load Balancing Type:	
		No bypass; direct passthrough	None (output to all selected ports)	
Nonmatch)	 6B: Jumper [6B-7A] (FE-PA) 		Ports:	-
		Direct tap passthrough from 6B to 6A	12A 12B	
frigger: O Alwa	ays Conly when: PAN IntraNet Combo	▼ [○] is True/Active [●] is False/Inactive		
		Method:		
		Load-Balance to several Bypass Monitor ports 💌	Load Balancing Type:	-
Nonmatch)	 7A: Jumper [6B-7A] (PA-FE) 	Load Balancing Type:	None (output to all selected ports)	
		IP Dest+Source	Ports:	
		Load-Balancing Group: PAN LB Group - Intranet Ports	12A 12B	
Trigger: C Alwa	ays Only when: PAN InterNet Combo	▼ C is True/Active is False/Inactive		
		Method:		
		Load-Balance to several Bypass Monitor ports	Load Balancing Type:	
		- Load Balancing Type:	None (output to all selected ports)	
Nonmatch)	 7B: Jumper [7B-5B] (PA-NN) 	IP Dest+Source	Ports:	-
		Load-Balancing Group:	12A 12B	
		PAN LB Group - Internet Ports		
Trigger: 🔘 Alwa	ays 🧿 Only when: PAN IntraNet Combo	Is True/Active ○ is False/Inactive		
		Method:	Load Balancing Type:	_
Nonmatch)	7A: Jumper [6B-7A] (PA-FE)	No bypass; direct passthrough	None (output to all selected ports)	
noninatorij	/A. Jumper [DD-7A] (FA-FE)	Direct tap passthrough from 7A to 7B	Ports:	
			12A 12B	
Trigger: ^O Alwa	ays 🔎 Only when: PAN InterNet Combo	Is True/Active ○ is False/Inactive		
		Method:	Load Balancing Type:	
	70 1 70 50 50 (04 10)	No bypass; direct passthrough	None (output to all selected ports)	
Nonmatch)	I /B Jumper I /B-5BI (PA-NN)			
Nonmatch)	7B: Jumper [7B-5B] (PA-NN)	Direct tap passthrough from 7B to 7A	Ports:	

Triggers:



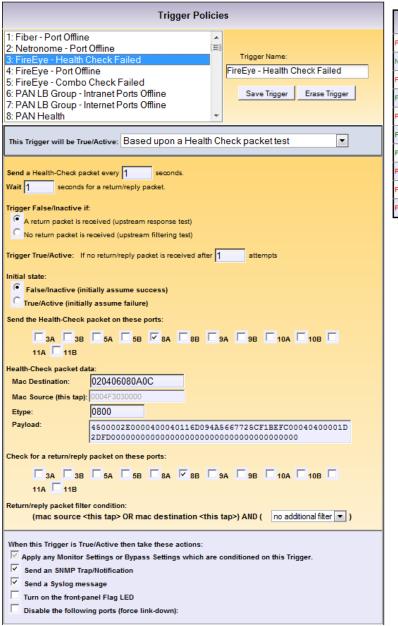
Current Trigger State	s
Fiber - Port Offline	True/Active
Netronome - Port Offline	False/Inactive
FireEye - Health Check Failed	True/Active
FireEye - Port Offline	False/Inactive
FireEye - Combo Check Failed	True/Active
PAN LB Group - Intranet Ports Offline	False/Inactive
PAN LB Group - Internet Ports Offline	False/Inactive
PAN Health	True/Active
PAN IntraNet Combo	True/Active
PAN InterNet Combo	True/Active

Trigger Policies 1: Fiber - Port Offline . Ξ) Trigger Name: 3: FireEye - Health Check Failed 4: FireEye - Port Offline Netronome - Port Offline 5: FireEye - Combo Check Failed 6: PAN LB Group - Intranet Ports Offline Save Trigger Erase Trigger 7: PAN LB Group - Internet Ports Offline 8: PAN Health • This Trigger will be True/Active: Based upon port link up/down Trigger whenever: ANY of these ports are ONLINE (link up) C ALL of these ports are ONLINE (link up) ANY of these ports are OFFLINE (link down) C ALL of these ports are OFFLINE (link down) 68 12A 12B When this Trigger is True/Active then take these actions:

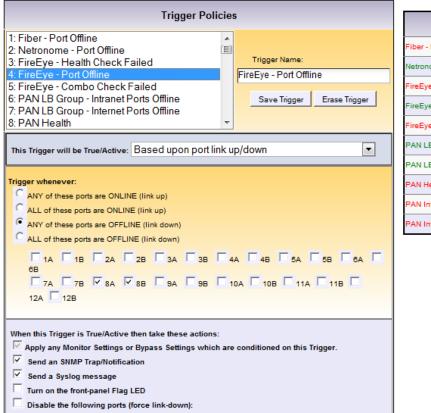
Current Trigger State	s
Fiber - Port Offline	True/Active
Netronome - Port Offline	False/Inactive
FireEye - Health Check Failed	True/Active
FireEye - Port Offline	False/Inactive
FireEye - Combo Check Failed	True/Active
PAN LB Group - Intranet Ports Offline	False/Inactive
PAN LB Group - Internet Ports Offline	False/Inactive
PAN Health	True/Active
PAN IntraNet Combo	True/Active
PAN InterNet Combo	True/Active

Disable the following ports (force link-down):

- Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger.
- Send an SNMP Trap/Notification
- Send a Syslog message
- Turn on the front-panel Flag LED
- Disable the following ports (force link-down):



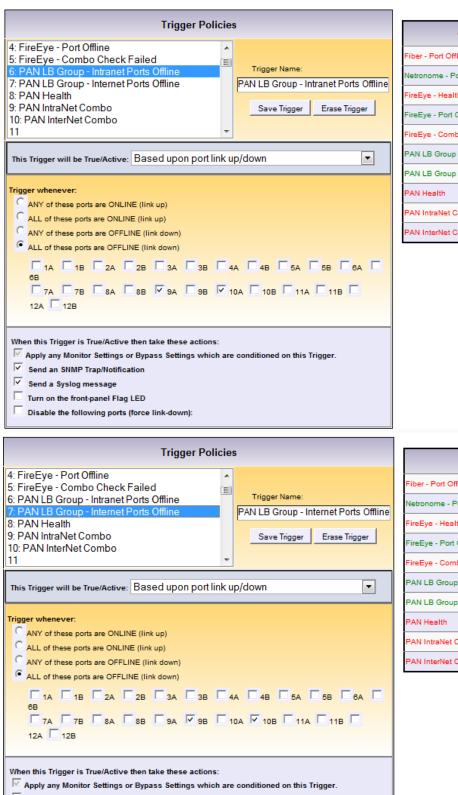
Current Trigger Stat	es
Fiber - Port Offline	True/Active
Netronome - Port Offline	False/Inactive
FireEye - Health Check Failed	True/Active
FireEye - Port Offline	False/Inactive
FireEye - Combo Check Failed	True/Active
PAN LB Group - Intranet Ports Offline	False/Inactive
PAN LB Group - Internet Ports Offline	False/Inactive
PAN Health	True/Active
PAN IntraNet Combo	True/Active
PAN InterNet Combo	True/Active
PAN InterNet Combo	True/Active



5
True/Active
False/Inactive
True/Active
False/Inactive
True/Active
False/Inactive
False/Inactive
True/Active
True/Active
True/Active

Trigger Policies
1: Fiber - Port Offline 2: Netronome - Port Offline 3: FireEye - Health Check Failed 4: FireEye - Port Offline 5: FireEye - Combo Check Failed 6: PAN LB Group - Intranet Ports Offline 7: PAN LB Group - Internet Ports Offline 8: PAN Health
This Trigger will be True/Active: Based upon other Triggers
Selected Trigger(s): Fiber - Port Netronome - Port Offline FireEye - Health Check Failed Offline PAN LB Group - Intranet Ports PAN LB Group - Internet Ports Offline Offline Offline Offline PAN Health PAN IntraNet Combo PAN InterNet Combo Activate this Trigger whenever: Any v of the selected triggers are v TRUE/ACTIVE v Make this Trigger True/Active only when the above conditions have been met continuously for at least 0 seconds.
Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at least least 0 seconds. When this Trigger is True/Active then take these actions: Image: True/Active then take these actions: Image: True/Active then take these actions: Image: True/Active then take these actions: Image: True/Active then take these actions: Image: True/Active then take these actions: Image: True/Active then take these actions: Image: True/Active then take these actions: Image: True/Active then take these actions: Image: True/Active then take these actions: Image: True/Active then take these actions: Image: True/Active then take these actions: Image: True/Active then take these actions: Image: True/Active then take these actions: Image: True the following ports (force link-down):

Current Trigger Stat	es
Fiber - Port Offline	True/Active
Netronome - Port Offline	False/Inactive
FireEye - Health Check Failed	True/Active
FireEye - Port Offline	False/Inactive
FireEye - Combo Check Failed	True/Active
PAN LB Group - Intranet Ports Offline	False/Inactive
PAN LB Group - Internet Ports Offline	False/Inactive
PAN Health	True/Active
PAN IntraNet Combo	True/Active
PAN InterNet Combo	True/Active



Current Trigger States				
Fiber - Port Offline	True/Active			
Netronome - Port Offline	False/Inactive			
FireEye - Health Check Failed	True/Active			
FireEye - Port Offline	False/Inactive			
FireEye - Combo Check Failed	True/Active			
PAN LB Group - Intranet Ports Offline	False/Inactive			
PAN LB Group - Internet Ports Offline	False/Inactive			
PAN Health	True/Active			
PAN IntraNet Combo	True/Active			
PAN InterNet Combo	True/Active			

Send an SNMP Trap/Notification

Current Trigger State	s
Fiber - Port Offline	True/Active
Netronome - Port Offline	False/Inactive
FireEye - Health Check Failed	True/Active
FireEye - Port Offline	False/Inactive
FireEye - Combo Check Failed	True/Active
PAN LB Group - Intranet Ports Offline	False/Inactive
PAN LB Group - Internet Ports Offline	False/Inactive
PAN Health	True/Active
PAN IntraNet Combo	True/Active
PAN InterNet Combo	True/Active

- Send a Syslog message
- Turn on the front-panel Flag LED
- Disable the following ports (force link-down):

Trigger Policies	
	Current Trigger Sta
4: FireEye - Port Offline	Fiber - Port Offline
6: PAN LB Group - Intranet Ports Offline	Netronome - Port Offline
7: PAN LB Group - Internet Ports Offline 8: PAN Health	FireEye - Health Check Failed
9: PAN IntraNet Combo Save Trigger Erase Trigger	FireEye - Port Offline
10: PAN InterNet Combo 11	FireEye - Combo Check Failed
This Trigger will be True/Active: Based upon a Health Check packet test	PAN LB Group - Intranet Ports Offline
	PAN LB Group - Internet Ports Offline
Send a Health-Check packet every 10 seconds.	PAN Health
Wait 5 seconds for a return/reply packet.	PAN IntraNet Combo
Trigger False/Inactive if:	PAN InterNet Combo
A return packet is received (upstream response test)	
No return packet is received (upstream filtering test)	
Trigger True/Active: If no return/reply packet is received after 1 attempts	
Initial state:	
False/Inactive (initially assume success)	
C True/Active (initially assume failure)	
Send the Health-Check packet on these ports:	
11A 🗖 11B	
Health-Check packet data:	
Mac Destination: 020406080A0C	
Mac Source (this tap): 0004F3030000	
Etype: 0800	
Payload: 4500003C19AE0000800191DF0A081682481E268C08004D5300 A	
0100086162636465666768696A6B6C6D6E6F70717273747576 -	
Check for a return/reply packet on these ports:	
□ 3A □ 3B □ 5A □ 5B □ 8A □ 8B □ 9A ☑ 9B □ 10A ☑ 10B □ 11A □ 11B	
Return/reply packet filter condition:	
(mac source <this tap=""> OR mac destination <this tap="">) AND (no additional filter 💌)</this></this>	
When this Trigger is True/Active then take these actions:	
Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger.	
Send an SNMP Trap/Notification	
Send a Syslog message	
Turn on the front-panel Flag LED	
Disable the following ports (force link-down):	

Current Trigger States

True/Active

False/Inactive

True/Active

False/Inactive

True/Active

False/Inactive

False/Inactive True/Active

True/Active

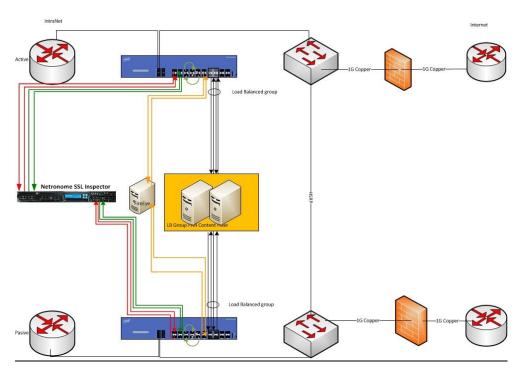
True/Active

Trigger Policies		
	Current Trigger Stat	tes
4: FireEye - Port Offline	Fiber - Port Offline	True/Active
6: PAN LB Group - Intranet Ports Offline	Netronome - Port Offline	False/Inactive
7: PAN LB Group - Internet Ports Offline 8: PAN Health	FireEye - Health Check Failed	True/Active
9: PAN IntraNet Combo Save Trigger Erase Trigger	FireEye - Port Offline	False/Inactive
11 +	FireEye - Combo Check Failed	True/Active
This Trigger will be True/Active: Based upon other Triggers	PAN LB Group - Intranet Ports Offline	False/Inactive
	PAN LB Group - Internet Ports Offline	False/Inactive
Selected Trigger(s):	PAN Health	True/Active
Fiber - Port Offline	PAN IntraNet Combo	True/Active
	PAN InterNet Combo	True/Active
FireEye - Port Offline FireEye - Combo Check PAN LB Group - Intranet		
PAN LB Group - Internet PAN Health PAN InterNet Combo		
Activate this Trigger whenever:		
Any 🔽 of the selected triggers are 💽 TRUE/ACTIVE 💌		
Make this Trigger True/Active only when the above conditions have been met continuously for at least 0 seconds.		
Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at least 0 seconds.	_	
When this Trigger is True/Active then take these actions:		
Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger.		
Send an SNMP Trap/Notification		
Send a Syslog message		
Disable the following ports (force link-down):		
bisable the following ports (folde mink down).		

Trigger Policies	Current Trigger Stat	tes
4: FireEye - Port Offline 5: FireEye - Combo Check Failed	Fiber - Port Offline	Tru
6: PAN LB Group - Intranet Ports Offline Trigger Name:	Netronome - Port Offline	Fa
7: PAN LB Group - Internet Ports Offline 8: PAN Health	FireEye - Health Check Failed	Tru
9: PAN IntraNet Combo Save Trigger Erase Trigger	FireEye - Port Offline	Fa
11 The second seco	FireEye - Combo Check Failed	Tru
This Trigger will be True/Active: Based upon other Triggers	PAN LB Group - Intranet Ports Offline	Fal
	PAN LB Group - Internet Ports Offline	Fa
Selected Trigger(s):	PAN Health	Tru
Fiber - Port Offline	PAN IntraNet Combo	Tru
Falled	PAN InterNet Combo	Tru
FireEye - Port Offline FireEye - Combo Check PAN LB Group - Intranet Failed Ports Offline		
PAN LB Group - Internet PAN Health PAN IntraNet Combo		
Activate this Trigger whenever: Any v of the selected triggers are v TRUE/ACTIVE v		
Make this Trigger True/Active only when the above conditions have been met continuously for at least of seconds.		
Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at least		
When this Trigger is True/Active then take these actions: ✓ Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. □ Send an SNMP Trap/Notification □ Send a Syslog message □ Turn on the front-panel Flag LED □ Disable the following ports (force link-down):		

True/Active False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive True/Active True/Active True/Active

Diagram and Mappings:



Abbreviation NB – Network Bypass BM – Bypass Monitor LB – Load Balance

Traffic from 1A (NB) ----Bypass to single monitor port 3A(BM)

3A(BM) will be directly connected to Netronome Port 0. Netronome Port 0 will send copy of decrypted traffic to its port 3. Port 3 is physically connected to 4A (NB)

4A (NB) ---Bypass to single monitor port 5A(BM) 5A(BM) physical loop to 6A (NB) 6A (NB) --Bypass to FireEye port 8A (BM) *Traffic from FireEye after inspection will be back to 8B (BM)* 6B (NB) --Physical loop to 7A (NB)

7A (NB) –Bypass to load balanced monitor ports 9A,10A (BM) to PAN PANs are connected ports 9A (BM), 10A(BM) After Load balance with PAN, inspected traffic will be back to 9B (BM), 10B (BM) Traffic 9B (BM), 10B (BM) will return to 7B (NB)

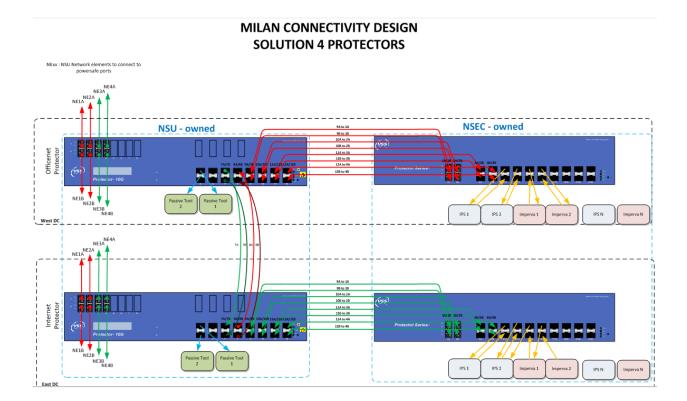
7B (NB) – Physical loop to 5B (BM)

5B (BM) comes out on 4B (NB)

4B (NB) goes to netronome port 3 to be encrypted Netronome encrypts traffic and sends it back on its own port 2 to protector port 3B(BM) 3B (BM) goes out port 1B (NB)

NB	BM			
1A	3A			
1B	3B			
4A	5A			
4B	5B			
6A	8A			
6B	8B			
7A	9A,10A			
7B	9B,10B			

Chapter 6 Vodafone NSU Internet



	Port Status									
Port	Name	Link	Speed	Duplex	Negotiate	MDI	Class	Monitor	Status	Setup
1A		Down			Auto	Auto	Network Bypass	To: 1B 8A From: 1B 8A		Setup
1B		Up	1G	Full	Auto	Auto	Network Bypass	To: 1A 8B From: 1A 8B	ок	Setup
2A		Up	1G	Full	Auto	Auto	Network Bypass	To: 2B 8A From: 2B 8A	ок	Setup
2B		Up	1G	Full	Auto	Auto	Network Bypass	To: 2A 8B From: 2A 8B	ок	Setup
3A		Down			Auto	Auto	Network Bypass	To: 3B From: 3B		Setup
3B		Down			Auto	Auto	Network Bypass	To: 3A From: 3A		Setup
4A		Up	1G	Full	Auto	Auto	Network Bypass	To: 4B From: 4B	ок	Setup
4B		Up	1G	Full	Auto	Auto	Network Bypass	To: 4A From: 4A	ок	Setup
5A	Passive Tool IDS 1	Down			Auto	Auto	Monitor			Setup
5B	Passive Tool IDS 2	Down			Auto	Auto	Monitor			Setup
6A	Wireshark	Up	1G	Full	Auto	Auto	Monitor		ОК	Setup
6B		Up	1G	Full	Auto	Auto	Monitor		ОК	Setup
7A	NSU Remote Green	Down			Auto	Auto	Network Bypass	To: 7B From: 7B		Setup
7B	NSU Remote Green	Down			Auto	Auto	Network Bypass	To: 7A From: 7A		Setup
8A	NSU Remote Red	Up	1G	Full	Auto	Auto	Bypass Monitor	From: 1A 2A To: 1A 2A	ок	Setup
8B	NSU Remote Red	Up	1G	Full	Auto	Auto	Bypass Monitor	From: 1B 2B To: 1B 2B	ОК	Setup
9A	NSEC Local	Down					Bypass Monitor			Setup
9B	NSEC Local	Down					Bypass Monitor			Setup
10A	NSEC Local	Down					Bypass Monitor			Setup
	NSEC Local	Down					Bypass Monitor			Setup
11A	NSEC Local	Down					Bypass Monitor			Setup
11B	NSEC Local	Down					Bypass Monitor			Setup
12A	NSEC Local	Down					Bypass Monitor			Setup
12B	NSEC Local	Down					Bypass Monitor			Setup

Port setup

1A 1B 2A 2 10B 11A 11B	2B 3A 3B 4A 4E 12A 12B	3 5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A				
	Port 1A Settings						
Port Class:	🔾 Tap 🔿 Span 🔿 Mor	nitor 🔘 vStack+ 🖲 Netwo	rk Bypass 🔘 Bypass Monitor 🔘 Filter Service				
Port Name:		Туре:	10Base-T/100Base-TX/1000Base-T RJ45				
Auto Negotiate:	☑ On	Linksafe:	C Enabled				
	isements 1000H	vAssure Fast Failover:	Disabled Disabled Disabled Disabled				
Link state:	 Auto (normal) Force down 		71				
Powersafe power-off state:	 Secure: 1A disconnected Connected: 1A <> 1B 						
		Save Changes					
1A 1B 2A 2 10B 11A 11B	B 3A 3B 4A 4B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A				
		Port 1B Settings					
Port Class: 📑 🤇	Tap 🔿 Span 🔿 Mon	nitor 🔘 vStack+ 🔍 Networ	rk Bypass 🔘 Bypass Monitor 🛛 Filter Service				
Port Name:		Туре:	10Base-T/100Base-TX/1000Base-T RJ45				
Auto Negotiate:	☑ On	Linksafe:	© Enabled				
Auto Negotiation Advertisements Image: None of the im							
Link state:	 Auto (normal) Force down 		л				
Powersafe power-off state:	 Secure: 1B disconnected Connected: 1B <> 1A 						
Save Changes							

1A 1B 2A 2 10B 11A 11B	B 3A 3B 4A 4B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A
		Port 2A Settings	
Port Class: 📘 🔿	Tap 🔿 Span 🔿 Moni	tor 🔿 vStack+ 🍥 Networ	k Bypass 🔘 Bypass Monitor 🛛 Filter Service
Port Name:		Туре:	10Base-T/100Base-TX/1000Base-T RJ45
Auto Negotiate:	☑ On	Linksafe:	C Enabled
	sements 000H 🗹 Symmetric Pause 000F 🗹 Asymmetric Pause	vAssure Fast Failover:	Disabled Enabled Disabled Disabled
Link state:	 Auto (normal) Force down 		
Powersafe power-off state:	 Secure: 2A disconnected Connected: 2A <> 2B 		
		Save Changes	
1A 1B 2A 2 10B 11A 11B	B 3A 3B 4A 4B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A
		Port 2B Settings	
Port Class:	Tap 🔿 Span 🔿 Moni	itor 🔿 vStack+ 🍥 Networ	rk Bypass 🔘 Bypass Monitor 🔘 Filter Service
Port Name:		Туре:	10Base-T/100Base-TX/1000Base-T RJ45
Auto Negotiate:	☑ On	Linksafe:	C Enabled
Auto Negotiation Advertis	Disabled Enabled Disabled Disabled		
Link state:	 Auto (normal) Force down 		Л
Powersafe power-off state:	 Secure: 2B disconnected Connected: 2B <> 2A 		
		Save Changes	

1A 1B 2A 2B 3A 3B 4A 10B 11A 11B 12A 12B	4B 5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A					
	Port 3A Settings						
Port Class: 📑 🔿 Tap 🔿 Span 🔇	O Monitor 🔿 vStack+ 💿 Networ	rk Bypass 🔘 Bypass Monitor 🔘 Filter Service					
Port Name: Type: 10Base-T/100Base-TX/1000Base-T RJ45							
Auto Negotiate: On	Linksafe:	C Enabled					
Auto Negotiation Advertisements		Disabled					
▼ 10H ▼ 100H ▼ 1000H ▼ Symmetric Pau ▼ 10F ▼ 100F ▼ 1000F ▼ Asymmetric Pa	vAssure Fast Failover:	 Enabled Disabled 					
Link state: Auto (normal) Force down							
Powersafe power-off state: O Secure: 3A disconn O Connected: 3A <>							
	Save Changes						
1A 1B 2A 2B 3A 3B 4A 10B 11A 11B 12A 12B	4B 5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A					
	Port 3B Settings						
Port Class: 📑 🔿 🔿 Tap 🔿 Span 🤇	Monitor 🔿 vStack+ 🔍 Networ	rk Bypass 🔘 Bypass Monitor 🔘 Filter Service					
Port Name:	Туре:	10Base-T/100Base-TX/1000Base-T RJ45					
Auto Negotiate: 🛛 🗹 On	Linksafe:	C Enabled					
Auto Negotiation Advertisements		Disabled					
♥ 10H ♥ 100H ♥ Symmetric Paus ♥ 10F ♥ 100F ♥ Asymmetric Paus		 Enabled Disabled 					
Link state: Auto (normal) Force down							
Powersafe power-off state: Secure: 3B disconne © Connected: 3B <> 3							
Save Changes							

1A 1B 2A 2I 10B 11A 11B	B 3A 3B 4A 4B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A				
		Port 4A Settings					
Port Class: 📑 🗢	Tap 🔘 Span 🔘 Monit	or 🔿 vStack+ 💿 Networl	k Bypass 🔘 Bypass Monitor 🔘 Filter Service				
Port Name: Type: 10Base-T/100Base-T RJ45							
Auto Negotiate:	☑ On	Linksafe:	C Enabled				
	ements 000H 🗹 Symmetric Pause 000F 🗹 Asymmetric Pause	vAssure Fast Failover:	Disabled Enabled Disabled Disabled				
Link state:	Auto (normal) Force down	L	JL				
Powersafe power-off state:	 Secure: 4A disconnected Connected: 4A <> 4B 						
		Save Changes					
1A 1B 2A 2 10B 11A 11B	B 3A 3B 4A 4B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A				
		Port 4B Settings					
Port Class: 📘 C	Tap O Span O Monit	tor 🔘 vStack+ 🍥 Networ	rk Bypass 🔘 Bypass Monitor 🔘 Filter Service				
Port Name:		Туре:	10Base-T/100Base-TX/1000Base-T RJ45				
Auto Negotiate: Auto Negotiation Advertis	☑ On sements	Linksafe:	 Enabled Disabled 				
✓ 10H ♥ 100H ♥ 1 ▼ 10F ♥ 100F ♥ 1	 Disabled Enabled Disabled 						
Link state: Auto (normal) Force down							
Powersafe power-off state:	 Secure: 4B disconnected Connected: 4B <> 4A 						
		Save Changes					

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B 7A 7B 8A 8B 9A 9B 10A						
	Port 5A Settings						
Port Class: <— 🔿 Tap 🔿 Span 🔍 Moni	tor 🔿 vStack+ 🔿 Network Bypass 🔿 Bypass Monitor 🔿 Filter Service						
Port Name: Passive Tool IDS 1	Type: 10Base-T/100Base-TX/1000Base-T RJ45						
Auto Negotiate: 🔽 On	Monitor Port VLAN Tagging:						
Auto Negotiation Advertisements	Insert network port number VLAN tags in monitor port output						
 ✓ 10H ✓ 100H ✓ 100H ✓ Symmetric Pause ✓ 10F ✓ 100F ✓ Asymmetric Pause 							
Link state: Auto (normal) Force down							
<u> </u>	Save Changes						
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B 7A 7B 8A 8B 9A 9B 10A						
	Port 5B Settings						
Port Class: 🗕 – 🔿 Tap 🔿 Span 🔍 Moni	itor 🔿 vStack+ 🔿 Network Bypass 🔿 Bypass Monitor 🔿 Filter Service						
Port Name: Passive Tool IDS 2	Type: 10Base-T/100Base-TX/1000Base-T RJ45						
Auto Negotiate: On	Monitor Port VLAN Tagging:						
Auto Negotiation Advertisements							
▼ 10H ▼ 100H ▼ 1000H ✓ Symmetric Pause ▼ 10F ▼ 100F ✓ 1000F ✓ Asymmetric Pause							
Link state: Auto (normal) Force down							
Save Changes							

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B	6A	B 7A	7B 8	A 8B	9A	9B 10	DA
Port 6A Settings								
Port Class: — 🔿 Tap 🔿 Span 💿 Monitor 🔿 vStack+ 🔿 Network Bypass 🔿 Bypass Monitor 🔿 Filter Service								
Port Name: Wireshark	Туре:	10Base-T/10		000Base-T	RJ45			
Auto Negotiate: Image: Constraints Auto Negotiation Advertisements Monitor Port VLAN Tagging: Insert network port number VLAN tags in monitor port output								
 ✓ 10H ✓ 100H ✓ 1000H ✓ Symmetric Pause ✓ 10F ✓ 100F ✓ 1000F ✓ Asymmetric Pause 								
Link state: O Auto (normal) Force down								
	Save	Changes						

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B 7A 7B 8A 8B 9A 9B 10A						
	Port 6B Settings						
Port Class: 🗕 🔘 Tap 🔘 Span 💿 Monit	tor						
Port Name:	Type: 10Base-T/100Base-TX/1000Base-T RJ45						
Auto Negotiate: 🛛 On	Monitor Port VLAN Tagging:						
Auto Negotiation Advertisements	Insert network port number VLAN tags in monitor port output						
▼ 10H ▼ 100H ▼ 1000H ▼ Symmetric Pause ▼ 10F ▼ 100F ▼ 1000F ▼ Asymmetric Pause							
Link state: O Auto (normal) Force down							
	Save Changes						
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B 7A 7B 8A 8B 9A 9B 10A						
	Port 7A Settings						
Port Class: 📘 🔿 Tap 🔿 Span 🔿 Monif	tor 🔿 vStack+ 🖲 Network Bypass 🔿 Bypass Monitor 🔿 Filter Service						
Port Name: NSU Remote Green	Type: 10Base-T/100Base-TX/1000Base-T RJ45						
Auto Negotiate: 🖉 On	Linksafe: O Enabled						
_	Auto Negotiation Advertisements						
▼ 10H ▼ 100H ▼ 1000H ▼ Symmetric Pause ▼ 10F ▼ 100F ▼ 1000F ▼ Asymmetric Pause							
Link state: Auto (normal) Force down							
Save Changes							

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A				
	Port 7B Settings					
Port Class: 📑 🔿 Tap 🔿 Span 🔿 Monit	or ◯vStack+ ◉ Netw	rork Bypass 🔘 Bypass Monitor 🔘 Filter Service				
Port Name: NSU Remote Green	Type: 10Base-T	/100Base-TX/1000Base-T RJ45				
Auto Negotiate: 🔽 On	Linksafe: O Enab	led				
Auto Negotiation Advertisements	Disal	bled				
▼ 10H ▼ 100H ▼ 1000H ▼ Symmetric Pause ▼ 10F ▼ 100F ▼ 1000F ▼ Asymmetric Pause						
Link state: Auto (normal) Force down						
	Save Changes					
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A				
	Port 8A Settings					
Port Class: 🗧 🔿 Tap 🔿 Span 🔿 Monit	or OvStack+ ONetw	ork Bypass 🔘 Bypass Monitor 🔿 Filter Service				
Bypass Monitor Type: O Single-port bypa	ass - bypass return traffic on t	his port Dual-port bypass - bypass return traffic on 				
Port Name: NSU Remote Red	Туре:	10Base-T/100Base-TX/1000Base-T RJ45				
Auto Negotiate: 🔽 On	Linksafe:	C Enabled				
Auto Negotiation Advertisements	Auto Negotiation Advertisements					
▼ 10H ▼ 100H ▼ Symmetric Pause ▼ 10F ▼ 100F ▼ Asymmetric Pause	Monitor Port VLAN Tagging:	iber VLAN tags in monitor port output				
Link state: Auto (normal) Force down	Tool MAC address:					
Save Changes						

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 88 9A 9B 10A						
	Port 8B Settings							
Port Class: - O Tap O Span O Monito	or 🔿 vStack+ 🔿 Netw	ork Bypass 💿 Bypass Monitor 🔿 Filter Service						
Bypass Monitor Type: O Single-port bypas	ss - bypass return traffic on t	his port Dual-port bypass - bypass return traffic on 						
Port Name: NSU Remote Red	Туре:	10Base-T/100Base-TX/1000Base-T RJ45						
Auto Negotiate: On Auto Negotiation Advertisements	Linksafe:	 Enabled Disabled 						
 ✓ 10H ✓ 100H ✓ Symmetric Pause ✓ 10F ✓ 100F ✓ Asymmetric Pause 	Monitor Port VLAN Tagging:	iber VLAN tags in monitor port output						
Link state: Auto (normal) Force down	Tool MAC address:							
<u>()</u>	Save Changes							
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A						
	Port 9A Settings							
Port Class: 🔶 🔿 Tap 🔿 Span 🔿 Monit	or OvStack+ ONetw	vork Bypass 💿 Bypass Monitor 🔿 Filter Service						
Bypass Monitor Type: O Single-port bypass - bypass return traffic on this port O Dual-port bypass - bypass return traffic on 9B								
Port Name: NSEC Local	Туре:	SFP						
Link state: Auto (normal)	SFP Module Identification:	CL SFP-T (1000Base-T)						
Linksafe: O Enabled								
	Monitor Port VLAN Tagging:	nber VLAN tags in monitor port output						
	Tool MAC address:							
Save Changes								

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B 7A 7B	8A 8B 9A 9B 10A					
Port 9B Settings							
Port Class: 🗕 🔿 Tap 🔿 Span 🔿 Monito	or 🔿 vStack+ 🔿 Network Bypass 🔇	Bypass Monitor O Filter Service					
Bypass Monitor Type: O Single-port bypas 9A	ss - bypass return traffic on this port 🛛 🔘 Di	ual-port bypass - bypass return traffic on					
Port Name: NSEC Local	Туре:	SFP					
Link state: Auto (normal)	SFP Module Identification:	CL SFP-T (1000Base-T)					
C Force down	Linksafe:	 Enabled Disabled 					
	Monitor Port VLAN Tagging:						
	Tool MAC address:						
	Save Changes						
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B 7A 7B	8A 8B 9A 9B 10A					
	Port 10A Settings						
Port Class: 🗕 🔿 Tap 🔿 Span 🔿 Monit	or 🔿 vStack+ 🔿 Network Bypass	Bypass Monitor O Filter Service					
Bypass Monitor Type: O Single-port bypa 10B	ss - bypass return traffic on this port 🛛 🖲 D	ual-port bypass - bypass return traffic on					
Port Name: NSEC Local	Туре:	SFP					
Link state: Auto (normal)	SFP Module Identification:	CL SFP-T (1000Base-T)					
Linksafe:							
	Monitor Port VLAN Tagging:						
	Tool MAC address:						
Save Changes							

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B 7A 7B	8A 8B 9A 9B 10A					
Port 10B Settings							
Port Class: <— 🔿 Tap 🔿 Span 🔿 Monit	or 🔿 vStack+ 🔿 Network Bypass 🛛	Bypass Monitor Filter Service					
Bypass Monitor Type: O Single-port bypa 10A	ss - bypass return traffic on this port 💿 D	ual-port bypass - bypass return traffic on					
Port Name: NSEC Local	Туре:	SFP					
Link state: Auto (normal) Force down	SFP Module Identification:	CL SFP-T (1000Base-T)					
	Linksafe:	 Enabled Disabled 					
	Monitor Port VLAN Tagging:						
	Tool MAC address:						
	Save Changes						
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B 7A 7B	8A 8B 9A 9B 10A					
	Port 11A Settings						
Port Class: 🔶 🔿 Tap 🔿 Span 🔿 Monit	or 🔿 vStack+ 🔿 Network Bypass	Bypass Monitor O Filter Service					
Bypass Monitor Type: O Single-port bypass - bypass return traffic on this port O Dual-port bypass - bypass return traffic on 11B							
Port Name: NSEC Local	Туре:	SFP					
Link state: Auto (normal)	SFP Module Identification:	CL SFP-T (1000Base-T)					
Linksafe: O Enabled							
	Monitor Port VLAN Tagging:	in monitor port output					
	Tool MAC address:						
Save Changes							

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B 7A 7B	8A 8B 9A 9B 10A
	Port 11B Settings	
Port Class: 🗕 🔿 Tap 🔿 Span 🔿 Monit	or 🔿 vStack+ 🔿 Network Bypass	Bypass Monitor Filter Service
Bypass Monitor Type: O Single-port bypa	ss - bypass return traffic on this port 🛛 🖲 D	ual-port bypass - bypass return traffic on
Port Name: NSEC Local	Туре:	SFP
Link state: Auto (normal)	SFP Module Identification:	CL SFP-T (1000Base-T)
Force down	Linksafe:	 Enabled Disabled
	Monitor Port VLAN Tagging:	
	Tool MAC address:	
	Save Changes	·
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B 7A 7B	8A 8B 9A 9B 10A
	Port 12A Settings	
Port Class: <—	or 🔿 vStack+ 🔿 Network Bypass 🔇	Bypass Monitor O Filter Service
Bypass Monitor Type: O Single-port bypa 12B	ss - bypass return traffic on this port 🛛 🔘 Do	ual-port bypass - bypass return traffic on
Port Name: NSEC Local	Туре:	SFP
Link state: Auto (normal)	SFP Module Identification:	CL SFP-T (1000Base-T)
Force down	Linksafe:	 Enabled Disabled
	Monitor Port VLAN Tagging:	n monitor port output
	Tool MAC address:	
	Save Changes	

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B	5A 5B 6A 6B 7A 7B	8A 8B 9A 9B 10A
	Port 12B Settings	
Port Class: <— 🔿 Tap 🔿 Span 🔿 Monito	or 🔿 vStack+ 🔿 Network Bypass 🖗	Bypass Monitor O Filter Service
Bypass Monitor Type: O Single-port bypas 12A	ss - bypass return traffic on this port 🛛 🔘 Du	ual-port bypass - bypass return traffic on
Port Name: NSEC Local	Туре:	SFP
Link state: Auto (normal)	SFP Module Identification:	CL SFP-T (1000Base-T)
Force down	Linksafe:	 Enabled Disabled
	Monitor Port VLAN Tagging:	n monitor port output
	Tool MAC address:	
	Save Changes	

Filtering

		Monite	or Filtering			
Filter:	Net_traffic + Add new filte	Filter Name: Net_traffic Filter condition length	(# of chars):	444		Save Filter Delete Filter Copy Filter
Condition:	(IP Protocol 6 and Destin 17 and Source Port 646 o 9500) or (IP Protocol 17	r Destination Por	ct 646) or	(IP Proto	col 17 and I	estination Port 🔹
	Detailed Advanced					
Warning: If y	our existing filter expression conta		complex paren e used.	thetical expre	essions, then thi	s fill-in-the-blanks tab should no
	MAC	Destination 01:00:00	00:00:00	-or- 01:8	0:c2:00:00:00	-and-
		MAC Source 01:00:00	00:00:00	-or-		-and-
		EType	 Shore 	tcuts	•	-and-
	802.1q	Tag VLAN ID				-and-
	802.1p/	q Tag Priority				-and-
	I	P Destination		-or-		-and-
		IP Source		-or-		-and-
IP Ty	vpe of Service (TOS) [IPV4] / Traffic	Class [IPV6]				-and-
	IP Flo	w [IPV6 only]				-and-
	IP Protocol [IPV4] / Next H	eader [IPV6] 112	 Sho 	rtcuts 👻		-and-
	TCP/UDP Des	ination Port 179	-or- 646	-10-	1985	▼ -and-
	TCP/UDP	Source Port 179	-or- 646	-or-	1985	•

		Monitor Filtering	
Filter:	Net_traffic + Add new filte	Filter Name: Net_traffic Filter condition length (# of chars): 444	Save Filter Delete Filter Copy Filter
Condition:	17 and Source Port 646 o	nation Port 179 or Source Port 179) or (IP Protocol r Destination Port 646) or (IP Protocol 17 and Dest and Destination Port 161 and Source Port 161) or (ination Port 🔹
Quick	Detailed Advanced		

Warning: If your existing filter expression contains OR relatio	nals, or complex pare be used.	thetica	l expressions, then this	fill-in-the-blanks tab should not
MAC Destination	01:00:0c:cc:cc:cc	-or-	01:80:c2:00:00:00	-and-
MAC Source	01:00:0c:cc:cc:cc	-or-		-and-
EType	 Sho 	tcuts	•	-and-
802.1q Tag VLAN ID				-and-
802.1p/q Tag Priority				-and-
IP Destination		-or-		-and-
IP Source		-or-		-and-
IP Type of Service (TOS) [IPV4] / Traffic Class [IPV6]				-and-
IP Flow [IPV6 only]				-and-
IP Protocol [IPV4] / Next Header [IPV6]	112 • Sho	ortcuts	; •	-and-
TCP/UDP Destination Port	179 -or- 646		-or- 1985	-and-
TCP/UDP Source Port	179 -or- 646		-or- 1985	•

Bypass Monitor Settings

Filter Expression	Network Bypass Port	Bypass Settings	Additional Monitor Port Output	Ran
Trigger: 🖲 Always 🤇	Only when:	-	•	
Net_traffic 💌	1A 💌	Method: No bypass; direct passthrough Direct tap passthrough from 1A to 1B	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	
Trigger: 🖲 Always 🤇	Only when:			
Net_traffic 💌	1B 💌	Method: No bypass; direct passthrough Direct tap passthrough from 1B to 1A	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	*
Trigger: 🖲 Always (Only when:			
Net_traffic 💌	2A 💌	Method: No bypass; direct passthrough Direct tap passthrough from 2A to 2B	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	*
Trigger: 🖲 Always (Only when:			
Net_traffic	2B 💌	Method: No bypass; direct passthrough Direct tap passthrough from 2B to 2A	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	*
Trigger: 🖲 Always (Only when:			
Net_traffic 💌	3A 💌	Method: No bypass; direct passthrough	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	*
Trigger: 🖲 Always 🔍	Only when:		•	\square
Net_traffic 💌	3B 💌	Method: No bypass; direct passthrough	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	* *
Trigger: 🖲 Always 🤇	Only when:			
Net_traffic 💌	4A 💌	Method: No bypass; direct passthrough Direct tap passthrough from 4A to 4B	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	*

		1	1	
Trigger: 🖲 Always	Uniy when:	Method:	Load Balancing Type:	
Net_traffic	4B	Direct tap passthrough from 4B to 4A	None (output to all selected ports) Ports: 5A 5B 6A 6B	
Trigger: 🔘 Always	Only when: Improved remain	te NSI 💌 🔘 is True/Active 🔘 is False/Inactive		
(Unfiltered)	1A 💌	Method: Bypass to a single Bypass Monitor port 8 8A 88 9A 9B 10A 10B 11A 11A 11B 12A 12B	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	2
Trigger: 🔘 Always	Only when: Improved remains	te NSI 💌 🔘 is True/Active 🔘 is False/Inactive		
(Unfiltered)		Method: Bypass to a single Bypass Monitor port ⊗ 88 9A 9B	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	2
Trigger: 🔘 Always	Only when: Improved remo	te NSI 💌 🔿 is True/Active 🔘 is False/Inactive		
(Unfiltered)	2A 💌	Method: Bypass to a single Bypass Monitor port ● 8A	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	2
Trigger: 🔘 Always	Only when: Improved remo	te NSI 💌 🔘 is True/Active 🔘 is False/Inactive		
(Unfiltered)	2B 💌	Method: Bypass to a single Bypass Monitor port 8A 8B 9A 9B 10A 10B 11A 11B 12A 12B	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	2
Trigger: 🔘 Always	Only when: Improved Loca	INSE(🔽 🔘 is True/Active 🔘 is False/Inactive		
(Unfiltered)	3A 💌	Method: Bypass to a single Bypass Monitor port 8A 8B 9A 9B 10A 10B 11A 11B 11B 12A 12B	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	2
Trigger: O Always	Only when: Improved Loca	INSE(🗩 🔘 is True/Active 🔘 is False/Inactive		
(Unfiltered)	3B 💌	Method:	Load Balancing Type: None (output to all selected ports) Ports: V 5A 5B 6A 6B	

Trigger: 🙆 Always	Only when: Improved Local NSE(🗨 🔘 is True/Active 🔘 is False/Inactive	·	1
	Method: Bypass to a single Bypass Monitor port	Load Balancing Type:	1 ×
(Unfiltered)	4A	Ports: 5A V 5B 6A 6B	
Trigger: 🔘 Always 🤇	Only when: Improved Local NSE() is True/Active is False/Inactive		
(Unfiltered)	4B 8A 8B 9A 9B 10A 11A 	Load Balancing Type:	*
(onintered)	11B 11B 12A © 12B	Ports:	-
Trigger: 🔘 Always 🧕	🖲 Only when: Improved remote NSI 💌 🔍 is True/Active 🛛 is False/Inactive		
	Method: Bypass to a single Bypass Monitor port	Load Balancing Type:	
(Unfiltered)	1A ▼ ○ 8A 8B 9A 9B 10A 0 10B 11A ○ 11B ○ 12A 12B 12B 12B 12B 14 <td< td=""><td>None (output to all selected ports) Ports: 5A 5B 6A 6B</td><td></td></td<>	None (output to all selected ports) Ports: 5A 5B 6A 6B	
Trigger: 🔘 Always 🛛	Only when: Improved remote NSI 🖃 🖲 is True/Active 🔘 is False/Inactive		
(Unfiltered)	Method: Bypass to a single Bypass Monitor port 1B 8A 8B 9B 10B 11B 12A 12B	Load Balancing Type: None (output to all selected ports)	*
Trigger: 🔘 Always 🛛	🖲 Only when: Improved remote NSI 🖃 🖲 is True/Active 🔘 is False/Inactive		
(Unfiltered)	2A Image: Wethod: Bypass to a single Bypass Monitor port Image: Wethod: 0 8A 8B 9A 9B 10A 10B 11A 11B Image: Wethod: Image: Wethod: Image: Wethod: Image: Wethod: Wethod: Wethod: Image: Wethod: Wethod	Load Balancing Type: None (output to all selected ports)	×
Trigger: 🔘 Always 🤇) Only when: Improved remote NSI 💌) is True/Active 🔘 is False/Inactive		
(Unfiltered)	2B Image: State of the s	Load Balancing Type: None (output to all selected ports)	
Trigger: 🔘 Always 🛛	🖲 Only when: Improved Local NSE(🗨 🔘 is True/Active 🔘 is False/Inactive		
(Unfiltered)	Method: Bypass to a single Bypass Monitor port Image: Constraint of the single Bypass Monitor port 7A: NSU Remote Green Image: Constraint of the single Bypass Monitor port Image: Constraint of the single Bypass Monitor port 7A: NSU Remote Green Image: Constraint of the single Bypass Monitor port Image: Constraint of the single Bypass Monitor port 7A: NSU Remote Green Image: Constraint of the single Bypass Monitor port Image: Constraint of the single Bypass Monitor port 7A: NSU Remote Green Image: Constraint of the single Bypass Monitor port Image: Constraint of the single Bypass Monitor port 7A: NSU Remote Green Image: Constraint of the single Bypass Monitor port Image: Constraint of the single Bypass Monitor port 7A: NSU Remote Green Image: Constraint of the single Bypass Monitor port Image: Constraint of the single Bypass Monitor port 11B Image: Constraint of the single Bypass Monitor port Image: Constraint of the single Bypass Monitor port 11B Image: Constraint of the single Bypass Monitor port Image: Constraint of the single Bypass Monitor port 11B Image: Constraint of the single Bypass Monitor port Image: Constraint of the single Bypass Monitor port 11B Image: Constraint of the single Bypass Monitor port Image: Constraint of the single Bypass Monitor port 11B Image: Cons	Load Balancing Type: None (output to all selected ports)	2 ×

Trigger: O Always Only when: Improved Loca	al NSE(💽 🔘 is True/Active 🔘 is False/Inactive		
(Unfiltered) V 7B: NSU Remote Green V	Method: Bypass to a single Bypass Monitor port 8A 8B 9A 9B 10A 10B 11A 11B 12A 12B	Load Balancing Type: None (output to all selected ports) Ports: V 5A V 5B V 6A 6B	*
Trigger: O Always Only when: Improved Loca	al NSE(💌 🍭 is True/Active 🔘 is False/Inactive	•	
(Unfiltered) TA: NSU Remote Green	Method: No bypass; direct passthrough Direct tap passthrough from 7A to 7B	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	▲★◆
Trigger: C Always Only when: Improved Loca	al NSE(💌 🍭 is True/Active 🔘 is False/Inactive		
(Unfiltered) TB: NSU Remote Green	Method: No bypass; direct passthrough Direct tap passthrough from 7B to 7A	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	*
Trigger: O Always Only when: Improved Loca	al NSE(💌 🍭 is True/Active 🛛 is False/Inactive		
(Unfiltered) 🔹 3A 💌	Method: No bypass; direct passthrough Direct tap passthrough from 3A to 3B	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	* *
Trigger: C Always Only when: Improved Loca	al NSE(💌 🍭 is True/Active 🔘 is False/Inactive		
(Unfiltered)	Method: No bypass; direct passthrough	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	 ▲ ★ ♦
Trigger: O Always Only when: Improved Loca	al NSE(💌 🍭 is True/Active 🔘 is False/Inactive		
(Unfiltered)	Method: No bypass; direct passthrough	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	 ▲ ★ ♦
Trigger: O Always Only when: Improved Loca	al NSE(💌 🖲 is True/Active 🔘 is False/Inactive		
(Unfiltered)	Method: No bypass; direct passthrough	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	*

				-
Trigger: 🔘 Always 🛛 🔍 Onl	ly when: General passth	rough 💌 🖲 is True/Active 🔘 is False/Inactive		
(Unfiltered) IA		Method: No bypass; direct passthrough Direct tap passthrough from 1A to 1B	Load Balancing Type: None (output to all selected ports)	 ▲ ▲ ▲
			5A 5B 6A 6B	
Trigger: 🔘 Always 🛛 On	ly when: General passth	rough 💌 🔍 is True/Active 🔘 is False/Inactive		
(Unfiltered)	×	Method: No bypass; direct passthrough Direct tap passthrough from 1B to 1A	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	*
Trigger: O Always On	lv when: General passth	rough 💌 🖲 is True/Active 🔘 is False/Inactive	•	
(Unfiltered)		Method: No bypass; direct passthrough	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	★
Trigger: 🔘 Always 🛛 On	ly when: General passth	rough 🔻 🍭 is True/Active 🔘 is False/Inactive		
(Unfiltered)	•	Method: No bypass; direct passthrough Direct tap passthrough from 2B to 2A	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	 ♠ ★ ♦
Trigger: 🔘 Always 🛛 On	ly when: General passth	rough 🔻 🍭 is True/Active 🔘 is False/Inactive		
(Unfiltered) 3A		Method: No bypass; direct passthrough	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Trigger: O Always On	ly when: General passth	rough 🔻 🆲 is True/Active 🔘 is False/Inactive		
(Unfiltered) 38		Method: No bypass; direct passthrough	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	* *
Trigger: 🔘 Always 🛛 Onl	ly when: General passth	rough 💌 🖲 is True/Active 🔘 is False/Inactive		
(Unfiltered) (4A		Method: No bypass; direct passthrough	Load Balancing Type: None (output to all selected ports) Ports: 5A 5B 6A 6B	▲▲▲
		-		
Trigger: Always Only (Unfiltered)		ough 🗨 🖲 is True/Active 🔘 is False/Inactive Method: No bypass; direct passthrough 💽 Direct tap passthrough from 4B to 4A	Load Balancing Type: None (output to all selected ports)	×

Triggers

Trigger Policies		t Trigger ates
1: Improved Local NSEC down	Improved Local NSEC down	True/Active
3: Remote NSU down 4: Improved remote NSU down Improved Local NSEC down	Local NSEC down	True/Active
5: IDS 1 or 2 fails SNMP Syslog trap 6: General passthrough Save Trigger Erase Trigger	Remote NSU down	False/Inactive
	Improved remote NSU down	False/Inactive
This Trigger will be True/Active: Based upon other Triggers	IDS 1 or 2 fails SNMP Syslog trap	True/Active
Selected Trigger(s):	General passthrough	False/Inactive
Local NSEC down Remote NSU down Improved remote NSU down DS 1 or 2 fails SNMP Syslog trap General passthrough Activate this Trigger whenever: The selected trigger is True/Active only when the above conditions have been met continuously for at least 0 seconds. Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at least 60 When this Trigger is True/Active then take these actions: Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Send an SMMP Trap/Notification Send a Syslog message Turn on the front-panel Flag LED Disable the following ports (force link-down):		

Trice	ger Policies
	gerrendes
1: Improved Local NSEC down 2: Local NSEC down 3: Remote NSU down 4: Improved remote NSU down 5: IDS 1 or 2 fails SNMP Syslog trap 6: General passthrough 7 8	Trigger Name: Local NSEC down Save Trigger Erase Trigger
This Trigger will be True/Active: Based upo	on port link up/down
7A 7B 8A 88 9A 5	38
 When this Trigger is True/Active then take the Apply any Monitor Settings or Bypass Sett Send an SNMP Trap/Notification Send a Syslog message Turn on the front-panel Flag LED Disable the following ports (force link-down) 	ings which are conditioned on this Trigger.
Trig	gger Policies
1: Improved Local NSEC down 2: Local NSEC down 3: Remote NSU down 4: Improved remote NSU down 5: IDS 1 or 2 fails SNMP Syslog trap 6: General passthrough 7 8	
1: Improved Local NSEC down 2: Local NSEC down 3: Remote NSU down 4: Improved remote NSU down 5: IDS 1 or 2 fails SNMP Syslog trap 6: General passthrough 7	Trigger Name: Remote NSU down Save Trigger Erase Trigger
1: Improved Local NSEC down 2: Local NSEC down 3: Remote NSU down 4: Improved remote NSU down 5: IDS 1 or 2 fails SNMP Syslog trap 6: General passthrough 7 8 Trigger whenever: ANY of these ports are ONLINE (link up) ALL of these ports are OFFLINE (link down) Image: ALL of these ports are OFFLINE (link down) Image: ALL of these ports are OFFLINE (link down) Image: ALL of these ports are OFFLINE (link down) Image: ALL of these ports are OFFLINE (link down) Image: ALL of these ports are OFFLINE (link down) Image: ALL of these ports are OFFLINE (link down) Image: ALL of these ports are OFFLINE (link down)	Trigger Name: Remote NSU down Save Trigger Erase Trigger

Current Trigger States		
Improved Local NSEC down	True/Active	
Local NSEC down	True/Active	
Remote NSU down	False/Inactive	
Improved remote NSU down	False/Inactive	
IDS 1 or 2 fails SNMP Syslog trap	True/Active	
General passthrough	False/Inactive	

Current Trigger States		
Improved Local NSEC down	True/Active	
Local NSEC down	True/Active	
Remote NSU down	False/Inactive	
Improved remote NSU down	False/Inactive	
IDS 1 or 2 fails SNMP Syslog trap	True/Active	
General passthrough	False/Inactive	

Trigger Policies		Current Trigger States	
1: Improved Local NSEC down 2: Local NSEC down	Improved Local NSEC down	True/Active	
3: Remote NSU down 4: Improved remote NSU down Improved remote NSU down	Local NSEC down	True/Active	
5: IDS 1 or 2 fails SNMP Syslog trap 6: General passthrough Save Trigger Erase Tri	gger Remote NSU down	False/Inactive	
7 8 • • • • • • • • • • • • • • • • • •	Improved remote NSU down	False/Inactive	
This Trigger will be True/Active: Based upon other Triggers	DS 1 or 2 fails SNMP Syslog trap	True/Active	
Selected Trigger(s):	General passthrough	False/Inactive	
Improved Local NSEC down Local NSEC down Remote N DIDS 1 or 2 fails SNMP Syslog trap General passthrough	SU down		
Activate this Trigger whenever: The selected trigger is TRUE/ACTIVE			
Make this Trigger True/Active only when the above conditions have been met	continuously for at least 0 seconds.		
Revert this Trigger back to False/Inactive only after the above conditions have seconds.	not been met continuously for at least 60		
When this Trigger is True/Active then take these actions: Image: Apply any Monitor Settings or Bypass Settings which are conditioned on the settings of Send an SNMP Trap/Notification Image: Send an SNMP Trap/Notification Image: Send an Syslog message Image: Turn on the front-panel Flag LED Image: Disable the following ports (force link-down):	his Trigger.		

Trigger Policies			
1: Improved Local NSEC down 2: Local NSEC down 3: Remote NSU down 4: Improved remote NSU down 5: IDS 1 or 2 fails SNMP Syslog trap 6: General passthrough 7 8			
This Trigger will be True/Active: Based upon port link up/down			
Trigger whenever: ANY of these ports are ONLINE (link up) ALL of these ports are ONLINE (link up) ANY of these ports are OFFLINE (link down) ALL of these ports are OFFLINE (link down) ALL of these ports are OFFLINE (link down) ALL of these ports are OFFLINE (link down) IA 1B 2A 2B 3A 3B 4A 4B V 5A V 5B 6A 6B TA 7B 8A 8B 9A 9B 10A 10B 11A 11B 12A 12B			
When this Trigger is True/Active then take these actions: Image: Construction of the second string of the second			

Current Trigger States		
Improved Local NSEC down	True/Active	
Local NSEC down	True/Active	
Remote NSU down	False/Inactive	
Improved remote NSU down	False/Inactive	
IDS 1 or 2 fails SNMP Syslog trap	True/Active	
General passthrough	False/Inactive	

Trigger Policies		Current Trigger States	
1: Improved Local NSEC down 2: Local NSEC down 3: Romate NSEL down Trigger Name:	Improved Local NSEC down	True/Active	
3: Remote NSU down 4: Improved remote NSU down General passthrough	Local NSEC down	True/Active	
5: IDS 1 or 2 fails SNMP Syslog trap 6: General passthrough Save Trigger Erase Trigger	Remote NSU down	False/Inactive	
	Improved remote NSU down	False/Inactive	
This Trigger will be True/Active: Based upon other Triggers	IDS 1 or 2 fails SNMP Syslog trap	True/Active	
Selected Trigger(s):	General passthrough	False/Inactive	
Improved Local NSEC down Local NSEC down Remote NSU down Improved remote NSU down IDS 1 or 2 fails SNMP Syslog trap Activate this Trigger whenever: TRUE/ACTIVE All of the selected triggers			
Make this Trigger True/Active only when the above conditions have been met continuously for at least 0 seconds.			
Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at least seconds.			
When this Trigger is True/Active then take these actions: Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Send an SNMP Trap/Notification Send a Syslog message Turn on the front-panel Flag LED Disable the following ports (force link-down):			

Chapter 7 Vodafone NSEC Internet

Port setup

	Port Status									
Port	Name	Link	Speed	Duplex	Negotiate	MDI	Class	Monitor	Status	Setup
1A	To NSU Local	Down			Auto	Auto	Network Bypass	To: 1B From: 1B		Setup
1B	To NSU Local	Up	1G	Full	Auto	Auto	Network Bypass	To: 1A From: 1A	ок	Setup
2A	To NSU Local	Up	1G	Full	Auto	Auto	Network Bypass	To: 2B From: 2B	ОК	Setup
2B	To NSU Local	Up	1G	Full	Auto	Auto	Network Bypass	To: 2A From: 2A	ОК	Setup
ЗA	To NSU Local	Down			Auto	Auto	Network Bypass	To: 3B From: 3B	LinkSafe Enabled	Setup
ЗB	To NSU Local	Down			Auto	Auto	Network Bypass	To: 3A From: 3A	LinkSafe Enabled	Setup
4A	To NSU Local	Up	1G	Full	Auto	Auto	Network Bypass	To: 4B From: 4B	LinkSafe OK	Setup
4B	To NSU Local	Up	1G	Full	Auto	Auto	Network Bypass	To: 4A From: 4A	LinkSafe OK	Setup
5A	IPS1	Down			Auto	Auto	Network Bypass		LinkSafe Enabled	Setup
5B	IPS1	Down			Auto	Auto	Network Bypass		LinkSafe Enabled	Setup
6A	IPS2	Up	1G	Full	Auto	Auto	Network Bypass		LinkSafe OK	Setup
6B	IPS2	Up	1G	Full	Auto	Auto	Network Bypass		LinkSafe OK	Setup
7A	Imperva 1	Down			Auto	Auto	Bypass Monitor			Setup
7B	Imperva 1	Down			Auto	Auto	Bypass Monitor			Setup
8A	Imperva 2	Up	1G	Full	Auto	Auto	Bypass Monitor		ОК	Setup
8B	Imperva 2	Up	1G	Full	Auto	Auto	Bypass Monitor		OK	Setup
9A		Down					Bypass Monitor			Setup
9B		Down					Bypass Monitor			Setup
10A		Down					Тар			Setup
10B		Down					Тар			Setup
11A		Down					Bypass Monitor			Setup
11B		Down					Bypass Monitor			Setup
12A		Down					Network Bypass			Setup
12B	Wireshark	Down					Network Bypass			Setup

1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A 6B 7A 7B 8A 8B 9A 9B 10A 10B 11A 11B 12A 12B Income the second			
		Port 1A Settings	
Port Class: 📑 🗢	Tap 🔿 Span 🔿 Monit	tor 🔿 vStack+ 🍳 Network	k Bypass 🔘 Bypass Monitor 🔘 Filter Service
Port Name:	To NSU Local	Туре:	10Base-T/100Base-TX/1000Base-T RJ45
Auto Negotiate: Auto Negotiation Advertis	On ements	Linksafe:	Enabled Disabled
🔽 10H 🗹 100H 🔽 1	000H 🗹 Symmetric Pause 000F 🗹 Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled
Link state:	 Auto (normal) Force down 		·
Powersafe power-off state:	Secure: 1A disconnected Connected: 1A <> 1B		
		Save Changes	
1A 1B 2A 2I 10B 11A 11B	B 3A 3B 4A 4B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A
		Port 1B Settings	
Port Class:]	Tap 🔿 Span 🔿 Moni	tor 🔿 vStack+ 🔍 Network	k Bypass 🔘 Bypass Monitor 🔘 Filter Service
Port Name:	To NSU Local	Туре:	10Base-T/100Base-TX/1000Base-T RJ45
Auto Negotiate: Auto Negotiation Advertis	On ements	Linksafe:	 Enabled Disabled
🔽 10H 🗹 100H 🔽 1	000H 🗹 Symmetric Pause 000F 🗹 Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled
Link state:	Auto (normal) Force down		
Powersafe power-off state:	 Secure: 1B disconnected Connected: 1B <> 1A 		
		Save Changes	

1A 1B 2A 2B 10B 11A 11B 12	3A 3B 4A 4B 2A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A		
	Port 2A Settings				
Port Class: 📑 🔿 Ta	ap 🔿 Span 🔿 Monito	or 🔿 vStack+ 🖲 Network	Bypass 📀 Bypass Monitor 💿 Filter Service		
Port Name:	o NSU Local	Туре:	10Base-T/100Base-TX/1000Base-T RJ45		
Auto Negotiate:	On	Linksafe:	C Enabled		
Auto Negotiation Advertiseme			Disabled		
 ✓ 10H ✓ 100H ✓ 100F ✓ 100F ✓ 1000 		vAssure Fast Failover:	 Enabled Disabled 		
LINK STATE:	Auto (normal) Force down				
	Secure: 2A disconnected Connected: 2A <> 2B				
		Save Changes			
1A 1B 2A 2B 10B 11A 11B 1	3A 3B 4A 4B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A		
		Port 3A Settings			
Port Class: 📙 🗆 Ta	ap 🔿 Span 🔿 Monite	or 🔘 vStack+ 🔍 Network	Bypass 🔘 Bypass Monitor 🔘 Filter Service		
Port Name:	o NSU Local	Туре:	10Base-T/100Base-TX/1000Base-T RJ45		
	2 On	Linksafe:	Enabled		
Auto Negotiation Advertisem			O Disabled		
▼ 10H ▼ 100H ▼ 1000 ▼ 10F ▼ 100F ▼ 1000		vAssure Fast Failover:	 Enabled Disabled 		
LINK State:	Auto (normal) Force down				
	 Secure: 3A disconnected Connected: 3A <> 3B 				
Save Changes					

1A 1B 2A 2 10B 11A 11B	B 3A 3B 4A 4B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A
		Port 3B Settings	
Port Class:	Tap 🔿 Span 🔿 Moni	tor 🔿 vStack+ 🔍 Network	k Bypass 🔘 Bypass Monitor 🔘 Filter Service
Port Name:	To NSU Local	Туре:	10Base-T/100Base-TX/1000Base-T RJ45
Auto Negotiate:	🗹 On	Linksafe:	Enabled
Auto Negotiation Advertis			O Disabled
	000H 🗹 Symmetric Pause 000F 🗹 Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled
Link state:	 Auto (normal) Force down 		
Powersafe power-off state:	 Secure: 3B disconnected Connected: 3B <> 3A 		
		Save Changes	
1A 1B 2A 2I 10B 11A 11B	B 3A 3B 4A 4B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A
		Port 4A Settings	
Port Class:	Tap 🔿 Span 🔿 Moni	tor 🔿 vStack+ 🔍 Network	K Bypass 🔘 Bypass Monitor 🔘 Filter Service
Port Name:	To NSU Local	Туре:	10Base-T/100Base-TX/1000Base-T RJ45
Auto Negotiate: Auto Negotiation Advertis	On sements	Linksafe:	Enabled Disabled
🔽 10H 🗹 100H 🗹 1	000H 🗹 Symmetric Pause 000F 🗹 Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled
Link state:	 Auto (normal) Force down 		
Powersafe power-off state:	 Secure: 4A disconnected Connected: 4A <> 4B 		
		Save Changes	

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A	
	Port 4B Settings		
Port Class:	tor 🔿 vStack+ 🍥 Networl	k Bypass 🗢 Bypass Monitor 🗢 Filter Service	
Port Name: To NSU Local	Туре:	10Base-T/100Base-TX/1000Base-T RJ45	
Auto Negotiate: On	Linksafe:	Enabled	
Auto Negotiation Advertisements		O Disabled	
▼ 10H ▼ 100H ▼ 1000H ▼ Symmetric Pause ▼ 10F ▼ 100F ▼ 1000F ▼ Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled 	
Link state: Auto (normal) Force down			
Powersafe power-off state: O Secure: 4B disconnected O Connected: 4B <> 4A			
	Save Changes		
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A	
	Port 5A Settings		
Port Class: 📑 🔿 Tap 🔿 Span 🔿 Moni	tor 🔿 vStack+ 🔍 Network	(Bypass) Bypass Monitor) Filter Service	
Port Name: IPS1	Туре:	10Base-T/100Base-TX/1000Base-T RJ45	
Auto Negotiate: 🔽 On	Linksafe:	Enabled	
Auto Negotiation Advertisements		O Disabled	
♥ 10H ♥ 100H ♥ Symmetric Pause ♥ 10F ♥ 100F ♥ Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled 	
Link state: Auto (normal) Force down			
Save Changes			

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A			
Port 5B Settings					
Port Class: 📙 🔿 Tap 🔿 Span 🔿 Monit	or 🔿 vStack+ 🖲 Network	Bypass 🔘 Bypass Monitor 🔘 Filter Service			
Port Name: IPS1	Туре:	10Base-T/100Base-TX/1000Base-T RJ45			
Auto Negotiate: 🔽 On	Linksafe:	Enabled			
Auto Negotiation Advertisements		O Disabled			
▼ 10H ▼ 100H ▼ 1000H ▼ Symmetric Pause ▼ 10F ▼ 100F ▼ 1000F ▼ Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled 			
Link state: Auto (normal) Force down					
	Save Changes				
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A			
	Port 6A Settings				
Port Class: 📑 🔿 Tap 🔿 Span 🔿 Monit	tor 🔿 vStack+ 🍭 Networl	k Bypass 🔘 Bypass Monitor 🔘 Filter Service			
Port Name: IPS2	Туре:	10Base-T/100Base-TX/1000Base-T RJ45			
Auto Negotiate: On Auto Negotiation Advertisements	Linksafe:	Enabled Disabled			
▼ 10H ▼ 100H ▼ Symmetric Pause ▼ 10F ▼ 100F ▼ Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled 			
Link state: Auto (normal) Force down					
Save Changes					

1A 1B 2A 2B 3A 3B 4A 4B 5. 10B 11A 11B 12A 12B <	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A	
	Port 6B Settings		
Port Class: 📑 🔿 Tap 🔿 Span 🔿 Monitor	OvStack+ ONetwor	k Bypass 🔘 Bypass Monitor 🛛 Filter Service	
Port Name: IPS2	/pe:	10Base-T/100Base-TX/1000Base-T RJ45	
Auto Negotiate: On Lir	nksafe:	Enabled Disabled	
▼ 10H ▼ 100H ▼ Symmetric Pause VA ▼ 10F ▼ 100F ▼ Asymmetric Pause VA	Assure Fast Failover:	 Enabled Disabled 	
Link state: Auto (normal) Force down			
	Save Changes		
1A 1B 2A 2B 3A 3B 4A 4B 5/ 10B 11A 11B 12A 12B <	A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A	
	Port 7A Settings		
Port Class: — 🔿 Tap 🔿 Span 🔿 Monitor	⊙ vStack+ ⊙ Network	K Bypass) I Bypass Monitor O Filter Service	
Bypass Monitor Type: O Single-port bypass - 7B	bypass return traffic on this	port Dual-port bypass - bypass return traffic on 	
Port Name: Imperva 1	/pe: 10	Base-T/100Base-TX/1000Base-T RJ45	
Auto Negotiate: On	nksafe:	Enabled	
Auto Negotiation Advertisements			
✓ 10H ✓ 100H ✓ Symmetric Pause ✓ 10F ✓ 100F ✓ Asymmetric Pause Monitor Port VLAN Tagging: Insert network port number VLAN tags in monitor port output			
Link state:	ool MAC address:		
Save Changes			

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A			
Port 7B Settings					
Port Class: <— 🔿 Tap 🔿 Span 🔿 Monit	tor 🔿 vStack+ 🔿 Netw	vork Bypass 🔘 Bypass Monitor 🔿 Filter Service			
Bypass Monitor Type: O Single-port bypa	ass - bypass return traffic on t	his port Dual-port bypass - bypass return traffic on 			
Port Name: Imperva 1	Туре:	10Base-T/100Base-TX/1000Base-T RJ45			
Auto Negotiate: I On Advertisements	Linksafe:	 Enabled Disabled 			
▼ 10H ▼ 100H ♥ Symmetric Pause ▼ 10F ♥ 100F ♥ Asymmetric Pause	Monitor Port VLAN Tagging:				
Link state: Auto (normal) Force down	Tool MAC address:				
	Save Changes				
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A			
	Port 8A Settings				
Port Class: 🗕 🔿 Tap 🔿 Span 🔿 Monite	or OvStack+ ONetw	ork Bypass 💿 Bypass Monitor 💿 Filter Service			
Bypass Monitor Type: O Single-port bypa 8B	ss - bypass return traffic on th	nis port Dual-port bypass - bypass return traffic on 			
Port Name: Imperva 2	Туре:	10Base-T/100Base-TX/1000Base-T RJ45			
Auto Negotiate: On Linksafe: Disabled					
Auto Negonation Adventisements Image: Construction of the second sec					
Link state: Auto (normal) Force down	Tool MAC address:				
Save Changes					

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A		
	Port 8B Settings			
Port Class: 🗕 🔿 Tap 🔿 Span 🔿 Monit	tor 🔘 vStack+ 🔘 Netw	ork Bypass 🔘 Bypass Monitor 🔿 Filter Service		
Bypass Monitor Type: O Single-port bypa 8A	ass - bypass return traffic on ti	his port 💿 Dual-port bypass - bypass return traffic on		
Port Name: Imperva 2	Туре:	10Base-T/100Base-TX/1000Base-T RJ45		
Auto Negotiate: On Auto Negotiation Advertisements	Linksafe:	 Enabled Disabled 		
 ✓ 10H ✓ 100H ✓ 100H ✓ Symmetric Pause ✓ 10F ✓ 100F ✓ Asymmetric Pause 	Monitor Port VLAN Tagging:	iber VLAN tags in monitor port output		
Link state: Auto (normal) Force down	Tool MAC address:			
(<u> </u>	Save Changes			
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A		
	Port 9A Settings			
Port Class: 🗕 🔿 Tap 🔿 Span 🔿 Monit	or 🔿 vStack+ 🔿 Netwo	ork Bypass 💿 Bypass Monitor 🔿 Filter Service		
Bypass Monitor Type: O Single-port bypa 9B	ss - bypass return traffic on th	nis port Dual-port bypass - bypass return traffic on 		
Port Name:	Туре:	SFP		
Link state: Auto (normal)	SFP Module Identification:	CL SFP-T (1000Base-T)		
O Force down	Linksafe:	EnabledDisabled		
Monitor Port VLAN Tagging:				
	Tool MAC address:			
Save Changes				

1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A 6B 7A 7B 10B 11A 11B 12A 12B Inclusion Inclusion <td< th=""><th>8A 8B 9A 9B 10A</th></td<>	8A 8B 9A 9B 10A			
Port 9B Settings				
Port Class: 🗧 — 🔿 Tap 🔿 Span 🔿 Monitor 🔿 vStack+ 🔿 Network Bypass 🔅	Bypass Monitor Filter Service			
Bypass Monitor Type: O Single-port bypass - bypass return traffic on this port O DA	ual-port bypass - bypass return traffic on			
Port Name: Type:	SFP			
Link state: Auto (normal) Force down SFP Module Identification:	CL SFP-T (1000Base-T)			
Linksafe:	 Enabled Disabled 			
Monitor Port VLAN Tagging:	n monitor port output			
Tool MAC address:				
Save Changes				
1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A 6B 7A 7B 10B 11A 11B 12A 12B 12	8A 8B 9A 9B 10A			
Port 10A Settings				
Port Class: 📙 🖲 Tap 💿 Span 💿 Monitor 💿 vStack+ 💿 Network Bypass 🛇	Bypass Monitor O Filter Service			
Port Name: Type:	SFP			
Link state: Auto (normal) Force down SFP Module Identification:	CL SFP-T (1000Base-T)			
Linksafe:	EnabledDisabled			
Save Changes				
1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A 6B 7A 7B 10B 11A 11B 12A 12B	8A 8B 9A 9B 10A			
Port 10B Settings				
Port Class: 🔀 🖲 Tap 🔿 Span 🔿 Monitor 🔿 vStack+ 🔿 Network Bypass 🔿 Bypass Monitor 🔿 Filter Service				
Port Name: Type:	SFP			
Link state: Auto (normal) Force down SFP Module Identification:	CL SFP-T (1000Base-T)			
Linksafe:	 Enabled Disabled 			
Save Changes				

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B	5A 5B 6A 6B 7A 7B	8A 8B 9A 9B 10A				
	Port 11A Settings					
Port Class: 🗕 – 🔿 Tap 🔿 Span 🔿 Moni	tor OvStack+ ONetwork Bypass	Bypass Monitor Filter Service				
Bypass Monitor Type: O Single-port bypa 11B	ass - bypass return traffic on this port 🛛 🖲 🛛	ual-port bypass - bypass return traffic on				
Port Name:	Туре:	SFP				
Link state: O Auto (normal)	SFP Module Identification:	CL SFP-T (1000Base-T)				
C Force down	Linksafe:	 Enabled Disabled 				
	Monitor Port VLAN Tagging:					
	Tool MAC address:					
	Save Changes					
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B 7A 7B	8A 8B 9A 9B 10A				
	Port 11B Settings					
Port Class: <— 🔿 Tap 🔿 Span 🔿 Monit	or 🔿 vStack+ 🔿 Network Bypass 🕬	Bypass Monitor Filter Service				
Bypass Monitor Type: O Single-port bypa	ess - bypass return traffic on this port 💿 D	ual-port bypass - bypass return traffic on				
Port Name:	Туре:	SFP				
Link state: Auto (normal)	SFP Module Identification:	CL SFP-T (1000Base-T)				
O Force down	Linksafe:	 Enabled Disabled 				
Monitor Port VLAN Tagging:						
Tool MAC address:						
Save Changes						

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B 7A 7B	8A 8B 9A 9B 10A		
	Port 12A Settings			
Port Class: 📑 🔿 Tap 🔿 Span 🔿 Monito	r 🔿 vStack+ 🔍 Network Bypass 🤇	Bypass Monitor O Filter Service		
Port Name:	Туре:	SFP		
Link state: Auto (normal) Force down	SFP Module Identification:	CL SFP-T (1000Base-T)		
	Linksafe:	 Enabled Disabled 		
	Save Changes			
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B	5A 5B 6A 6B 7A 7B	8A 8B 9A 9B 10A		
	Port 12B Settings			
Port Class: 📑 🔿 Tap 🔿 Span 🔿 Monito	Port Class: 🔀 🔿 Tap 🔿 Span 🔿 Monitor 🔿 vStack+ 🖲 Network Bypass 🔿 Bypass Monitor 🔿 Filter Service			
Port Name: Wireshark	Туре:	SFP		
Link state: Auto (normal)	SFP Module Identification:	CL SFP-T (1000Base-T)		
	Linksafe:	 Enabled Disabled 		
Save Changes				

Filtering

				Monitor Filterin	g		
	IPS HC			Filter Name	:		Save Filter
Filter:	Alltraffic			Imperva HC			Delete Filter
	+ Add nev			Filter condit chars): 21	ion length (# o	f	Copy Filter
Condition:	MAC De	st 11223	3445567				A
Quick Detailed	Advan	ced					
Monitor packets to a	or from:						
MAC/E	thernet Address		-or-				
	or IP Address		-or-				
Using protocol(s):							
Any/Ignore	C ICMP	C IGMP	C OSPF	C RSVP	C ARP	C RARP	
C TCP:	П нттр	HTTPS	Telnet	SSH	RSH	FTP	
	SMTP						
C UDP:				NetBIOS			
				Monitor Filterin	g		
				Filter Name	c		Save Filter
	IPS HC Alltraffic	*		Alltraffic			
Filter:	Imperva H	HC 🗉		Citize and	ing langeth (# .		Delete Filter
	+ Add nev	v filter 🔻		chars): 21	tion length (# o	DT	Copy Filter
				· ·			
Condition:	mac of	fset 0 0	mask O				*
							-
Quick Detailed		ced					
Monitor packets to o							
MAC/Et	hernet Address		-or-				
	or IP Address		-or-				
Using protocol(s):							
Any/Ignore	CICMP	CIGMP	C OSPF	C RSVP	CARP	CRARP	
C TCP:	П нттр		Telnet	🗆 ssн	C RSH	FTP	
C TCP:			Telnet	SSH		FTP	

				Monitor Filterin	g		
Filter:	IPS HC Alltraffic Imperva H + Add nev			Filter Name IPS HC Filter condit chars): 21	ion length (# (of	Save Filter Delete Filter Copy Filter
Condition:	MAC De	st 11223	3445566				A T
Quick Detaile Monitor packets to MAC			-or-				
Using protocol(s):		,	,				
Any/Ignore	C ICMP	C IGMP	C OSPF	C RSVP	C ARP	C RARP	
C TCP:	П нттр	HTTPS	Telnet	□ ssн	RSH	FTP	
	SMTP					LDAP	
C UDP:				NetBIOS			
			,	Monitor Filterin	a		

				М	Ionitor Filterin	9		
Filter:	webtra IPS HC Alltraffic Imperve			Filter Name: webtraffic Filter condition le	ength (# of chars):	186		Save Filter Delete Filter Copy Filter
Condition:		otocol 6 and or (offset 38					or TCP Dest Port 443 ffset 40 01BB)	or TCP Source Port
Quick	Detailed	Advanced						
Monitor pa	ickets to or	from:						
	MA	C/Ethernet Addres	88	-or-				
		or IP Addres	ss	-or-				
Using prot	ocol(s):		,	,				
O An	y/Ignore	CMP	C IGMP	C OSPF	C RSVP	C ARP	C RARP	
🖲 тс	P:	🗹 НТТР	HTTPS	Telnet	SSH	RSH	FTP	
		SMTP	POP3	NNTP	NNTPS	IRC	LDAP	
© uD	P:	SNMP	NTP	DNS	NetBIOS	TFTP	BOOTP/DHCP	

Load Balancing Settings

MAC/Layer 2 Load-Balancing Methods should:

- Include the packet input port number (best load-balanced distribution)
- C Exclude the packet input port number (if individual sessions might span multiple ports) Layer 3+ Load-Balancing Methods always exclude the packet input port number.

Load-Balancing Groups:

	IPSA]	🗴 Delete this group
	Bypass Monitor Port	Group		O Monitor Port Group	
	Port			Offline if	
	🗴 Select a port 💌	Offline if link down	-or- if Trigger	IPS 1 combo packets link load	▼ is True/Active
	🗴 Select a port 💌	Offline if link down	-or- if Trigger	IPS 2 combo packets link load	▼ is True/Active
	Add new port				
	When any port goes Offlin	ne:			
	• A: Re-balance the loa	d equally among the	remaining onl	ine ports (sessions might move, l	but best load-balance)
	B: Distribute the offlin	ne port's sessions am	ong the remai	ining online ports (other ports' see	ssions remain fixed)
	C: Do not re-balance	or re-distribute - offlin	e port's sessi	ons dropped (other ports' session	ns remain fixed)
	C D: Move all traffic / a	Il sessions to alterna	te Load-Balan	cing Group	
	C E: Move the offline p	ort's sessions only to	a failover por	t from Load-Balancing Group	
	F: Change the offline	port's sessions only t	to "No Bypass	- Direct Passthrough"	
	-	all sessions to "No E		t Passthrough"	
	C H: Change all traffic /	all sessions to "Bloc	k/Drop"		
-	IPSB]	Delete this group
-	IPSB Bypass Monitor Port	Group		O Monitor Port Group	X Delete this group
	··	Group		Monitor Port Group	× Delete this group
	Bypass Monitor Port				Delete this group
	Bypass Monitor Port Port	Offline if link down	-or- if Trigger	Offline if	
	Bypass Monitor Port Port Select a port	Offline if link down	-or- if Trigger	Offline if IPS 1 combo packets link load	is True/Active
	Bypass Monitor Port Port Select a port Select a port Add new port When any port goes Offlin	Offline if link down Offline if link down	-or- if Trigger	Offline if IPS 1 combo packets link load	is True/Active
-	Bypass Monitor Port Port Select a port Select a port Add new port When any port goes Offlin A: Re-balance the load	Offline if link down Offline if link down ne:	-or- if Trigger -or- if Trigger	Offline if IPS 1 combo packets link load	▼ is True/Active ▼ is True/Active
	Bypass Monitor Port Port Select a port Select a port Add new port When any port goes Offlin A: Re-balance the loa B: Distribute the offlin	Offline if link down Offline if link down ne: nd equally among the ne port's sessions am	-or- if Trigger -or- if Trigger remaining onl	Offline if IPS 1 combo packets link load IPS 2 combo packets link load ine ports (sessions might move, l ining online ports (other ports' ses	is True/Active is True/Active is True/Active but best load-balance) ssions remain fixed)
	Bypass Monitor Port Port Select a port Select a port Add new port When any port goes Offlin A: Re-balance the loa B: Distribute the offlin	Offline if link down Offline if link down ne: nd equally among the ne port's sessions am	-or- if Trigger -or- if Trigger remaining onl	Offline if IPS 1 combo packets link load IPS 2 combo packets link load	is True/Active is True/Active is True/Active but best load-balance) ssions remain fixed)
	Bypass Monitor Port Port Select a port Select a port Add new port Men any port goes Offlin A: Re-balance the loa B: Distribute the offlin C: Do not re-balance D: Move all traffic / a	Offline if link down Offline if link down ne: ad equally among the ne port's sessions am or re-distribute - offlin Il sessions to alterna	-or- if Trigger -or- if Trigger remaining onl tong the remai te port's sessi te Load-Balan	Offline if IPS 1 combo packets link load IPS 2 combo packets link load ine ports (sessions might move, l ining online ports (other ports' session ons dropped (other ports' session cing Group	is True/Active is True/Active is True/Active but best load-balance) ssions remain fixed)
	Bypass Monitor Port Port Select a port Select a port Select a port Add new port When any port goes Offlin A: Re-balance the loa B: Distribute the offlin C: Do not re-balance D: Move all traffic / a E: Move the offline po	Offline if link down Offline if link down ne: ne qually among the ne port's sessions am or re-distribute - offlin Il sessions to alternat ort's sessions only to	-or- if Trigger -or- if Trigger remaining onl tong the remai te port's sessi te Load-Balan a failover por	Offline if IPS 1 combo packets link load IPS 2 combo packets link load ine ports (sessions might move, l ining online ports (other ports' session ons dropped (other ports' session cing Group t from Load-Balancing Group	is True/Active is True/Active is True/Active but best load-balance) ssions remain fixed)
	Bypass Monitor Port Port Select a port Select a port Add new port Add new port Add new port At Re-balance the loa B: Distribute the offlin C: Do not re-balance D: Move all traffic / a E: Move the offline po F: Change the offline	Offline if link down Offline if link down ne: ad equally among the i ne port's sessions am or re-distribute - offlin Il sessions to alternai ort's sessions only to port's sessions only to	-or- if Trigger -or- if Trigger remaining onl tong the remai te port's sessi te Load-Balan a failover por to "No Bypass	Offline if IPS 1 combo packets link load IPS 2 combo packets link load ine ports (sessions might move, l ining online ports (other ports' ses ons dropped (other ports' session cing Group t from Load-Balancing Group - Direct Passthrough''	is True/Active is True/Active is True/Active but best load-balance) ssions remain fixed)
	Bypass Monitor Port Port Select a port Select a port Add new port Add new port Add new port At Re-balance the loa B: Distribute the offlin C: Do not re-balance D: Move all traffic / a E: Move the offline po F: Change the offline	Offline if link down Offline if link down ne: ad equally among the ne port's sessions am or re-distribute - offlin Il sessions to alterna ort's sessions only to port's sessions only fo all sessions to "No E	-or- if Trigger -or- if Trigger remaining onl tong the remai te port's sessi te Load-Balan a failover por to "No Bypass Bypass - Direc	Offline if IPS 1 combo packets link load IPS 2 combo packets link load ine ports (sessions might move, l ining online ports (other ports' ses ons dropped (other ports' session cing Group t from Load-Balancing Group - Direct Passthrough''	is True/Active is True/Active is True/Active but best load-balance) ssions remain fixed)

	Imperva A	😕 Delete this group
	Bypass Monitor Port Group	C Monitor Port Group
	Port	Offline if
	X (Imperva 1) Voffline if link down -or- if Trigger	Imperva 1 combo packets link load 💌 is True/Active
	8A (Imperva 2) 💌 Offline if link down -or- if Trigger	Imperva 2 combo packets link load 💌 is True/Active
	Add new port	
	 When any port goes Offline: A: Re-balance the load equally among the remaining onli B: Distribute the offline port's sessions among the remain C: Do not re-balance or re-distribute - offline port's session D: Move all traffic / all sessions to alternate Load-Balance E: Move the offline port's sessions only to a failover port F: Change the offline port's sessions only to "No Bypass G: Change all traffic / all sessions to "No Bypass - Direct H: Change all traffic / all sessions to "Block/Drop" 	ning online ports (other ports' sessions remain fixed) ons dropped (other ports' sessions remain fixed) cing Group t from Load-Balancing Group - Direct Passthrough''
-	Imperva B	🗵 Delete this group
	Bypass Monitor Port Group	O Monitor Port Group
	Port	Offline if
	🛛 💌 7B (Imperva 1) 💌 Offline if link down -or- if Trigger	Imperva 1 combo packets link load 💌 is True/Active
	🗴 8B (Imperva 2) 🐷 Offline if link down -or- if Trigger	Imperva 2 combo packets link load 💌 is True/Active
	Add new port	
	When any port goes Offline: • A: Re-balance the load equally among the remaining only • B: Distribute the offline port's sessions among the remain • C: Do not to balance or to distribute, offline port's sessions	

Bypass Monitor Settings

Trigger: ^O Always	Only when: General	passthrou 💌 🖸 is True/Active 🔎 is False/Inactive		
webtraffic 🔹	3B: To NSU Local 💌	Method: Load-Balance to several Bypass Monitor ports Load Balancing Type: IP Dest+Source, & TCP/UDP Dest+Source Load-Balancing Group: Imperva B	Load Balancing Type: None (output to all selected ports)	▲▲
Trigger: ^O Always	Only when: General	passthrou 💌 🔿 is True/Active 🌾 is False/Inactive		
webtraffic 💌	4A: To NSU Local 💌	Method: Load-Balance to several Bypass Monitor ports Load Balancing Type: MAC Dest+Source, EType and input port Load-Balancing Group: Imperva A	Load Balancing Type: None (output to all selected ports)	 ★ ♦
Trigger: 🔘 Always	Only when: General	passthrou 💌 🔿 is True/Active 🔎 is False/Inactive		
webtraffic 💌	4B: To NSU Local 💌	Method: Load-Balance to several Bypass Monitor ports Load Balancing Type: MAC Dest+Source, EType and input port Load-Balancing Group: Imperva B	Load Balancing Type: None (output to all selected ports) Ports:	★
Trigger: 🔘 Always	Only when: General	passthrou 💌 🔿 is True/Active 🤎 is False/Inactive		
(Nonmatch) 💌	1A: To NSU Local 💌	Method: Load-Balance to several Bypass Monitor ports Load Balancing Type: IP Dest+Source, & TCP/UDP Dest+Source Load-Balancing Group: IPSA	Load Balancing Type: None (output to all selected ports)	▲▲▲
Trigger: C Always	Only when: General	passthrou 💌 😳 is True/Active 🤎 is False/Inactive		
(Nonmatch)	1B: To NSU Local 💌	Method: Load-Balance to several Bypass Monitor ports Load Balancing Type: IP Dest+Source, & TCP/UDP Dest+Source Load-Balancing Group: IPSB	Load Balancing Type: None (output to all selected ports) Ports:	★

Trigger: C Always © Only when: General passthro	▼ C is True/Active is False/Inactive
(Nonmatch) 2A: To NSU Local Load Bala IP Dest	alance to several Bypass Monitor ports Load Balancing Type: None (output to all selected ports) Source, & TCP/UDP Dest+Source Ports: ncing Group:
Trigger: C Always 🔎 Only when: General passthro	▼ C is True/Active
(Nonmatch) 2B: To NSU Local Load Bala IP Dest	alance to several Bypass Monitor ports Load Balancing Type: Load Balancing Type: None (output to all selected ports) Cource, & TCP/UDP Dest+Source Cource C
Trigger: C Always © Only when: General passthro	💌 🔿 is True/Active 🤎 is False/Inactive
(Nonmatch)	alance to several Bypass Monitor ports Load Balancing Type: None (output to all selected ports) Cource, & TCP/UDP Dest+Source Cource C
Trigger: C Always 🔎 Only when: General passthro	💌 🖸 is True/Active 🤎 is False/Inactive
(Nonmatch)	alance to several Bypass Monitor ports Load Balancing Type: Source, & TCP/UDP Dest+Source ncing Group:
Trigger: C Always © Only when: General passthro	▼ ○ is True/Active ● is False/Inactive
(Nonmatch) 4A: To NSU Local AAC D	alance to several Bypass Monitor ports Load Balancing Type: None (output to all selected ports) st+Source, EType and input port ncing Group:

Trigger: C Always C Only when: General passthrou C is True/Active is False/Inactive	
(Nonmatch) 4B: To NSU Local Mathod: Load-Balance to several Bypass Monitor ports Load Balancing Type: MAC Dest+Source, EType and input port Import Content of the several Bypass Monitor ports Load Balancing Type: None (output to all selected ports) Ports: Ports:]
Trigger: 🗘 Always 🍳 Only when: General passthrou 💌 🍳 is True/Active 😳 is False/Inactive	
(Nonmatch) IA: To NSU Local Direct tap passthrough from 1A to 1B Load Balancing Type: None (output to all selected ports) Ports:]
Trigger: C Always 🖲 Only when: General passthrou 💌 🍳 is True/Active C is False/Inactive	
(Nonmatch) IB: To NSU Local IB: To NSU Local No bypass; direct passthrough Direct tap passthrough from 1B to 1A Load Balancing Type: None (output to all selected ports) Ports:]
Trigger: C Always 🔎 Only when: General passthrou 💌 🍳 is True/Active C is False/Inactive	
Method: Load Balancing Type: (Nonmatch) 2A: To NSU Local Direct tap passthrough from 2A to 2B Load Balancing Type: None (output to all selected ports) Ports: Ports:]
Trigger: C Always 🖲 Only when: General passthrou 💌 🍳 is True/Active C is False/Inactive	
Method: Load Balancing Type: (Nonmatch) 2B: To NSU Local Direct tap passthrough from 2B to 2A Load Balancing Type: None (output to all selected ports) Ports:	 } ₹
Trigger: C Always 🍳 Only when: General passthrou 🔽 🍳 is True/Active 😳 is False/Inactive	
(Nonmatch) 3A: To NSU Local Direct tap passthrough from 3A to 3B Load Balancing Type: None (output to all selected ports) Ports:]
Trigger: C Always Conly when: General passthrol 🗸 C is False/Inactive	
Method: Load Balancing Type: (Nonmatch) 3B: To NSU Local Direct tap passthrough from 3B to 3A Ports:	📤
Trigger: C Always C Only when: General passthrol 💌 C is False/Inactive	
(Nonmatch) 4A: To NSU Local Direct tap passthrough from 4A to 4B Method: No bypass; direct passthrough Direct tap passthrough from 4A to 4B Load Balancing Type: None (output to all selected ports) Ports: Load Balancing Type: None (output to all selected ports) Ports:] 🕺
Trigger: C Always 🔎 Only when: General passthrol 💌 🄍 is True/Active 🖤 is False/Inactive	
(Nonmatch) 4B: To NSU Local Direct tap passthrough from 4B to 4A	*

Monitor Settings

Filter Expression	Network Port Input	Monitor Port Output	Rank
Trigger: C Always C Or	aly when:		
(Unfiltered)	V 10A V 10B	Load Balancing Type: None (output to all selected ports) Ports:	×
		Add new ma	apping 눱
	Save Settin	ngs	

Triggers

Trigger Policies				
1: General passthrough	×			
2	E			
3: IPS 1 Packets		Trigger Name:		
4: IPS 2 Packets		General passthrough		
5: IPS 1 Load				
6: IPS 2 Load		Save Trigger Erase Trigger		
7				
8: IPS 1 Link Status	Ψ.			
This Trigger will be True/Active: Base	d upon other Trigge	rs 💌		
Selected Trigger(s):				
IPS 1 Packets	IPS 2 Packets	IPS 1 Load		
IPS 2 Load	IPS 1 Link Status	IPS 2 Link Status		
IPS 1 combo Link and Load	IPS 2 combo Link and	Load IPS 1 2 combo packets		
🔲 IPS 1 2 combo link status	IPS combo	🗖 Imperva 1 Load		
Imperva 2 Load	Imperva 1 Packets	Imperva 2 Packets		
Imperva 1 Link Status	Imperva 2 Link Statu	Imperva 1 combo Link and		
E		Load		
and Load	Imperva 1 2 combo p	ackets La Imperva 1 2 combo link status		
Imperva combo	Imperva 1 combo pao Ik load	kets Imperva 2 combo packets link load		
IPS 1 combo packets link load	IPS 2 combo packets ad	link		
Activate this Trigger whenever:		TRUE/ACTIVE		
Make this Trigger True/Active only when least 0 seconds.	the above conditions h	ave been met continuously for at		
Revert this Trigger back to False/Inactive least 60 seconds.	e only after the above c	onditions have not been met continuously for at		
When this Trigger is True/Active then tak		nditioned on this Trigger.		

Current Trigger States

True/Active

True/Active

True/Active

False/Inactive

False/Inactive

True/Active

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

True/Active

Seneral passthrough

PS 1 Packets

PS 2 Packets

IPS 1 Load

IPS 2 Load

PS combo

Imperva 1 Load

mperva 2 Load

mperva 1 Packets

mperva 2 Packets

mperva 1 Link Status

mperva 2 Link Status

mperva 1 combo Link and Load

mperva 2 combo Link and Load

Imperva 1 2 combo packets

Imperva combo

mperva 1 2 combo link status

mperva 1 combo packets link load

PS 1 combo packets link load

S 2 combo packets link load

PS 1 Link Status

IPS 2 Link Status

IPS 1 combo Link and Load

IPS 2 combo Link and Load

PS 1 2 combo packets

IPS 1 2 combo link status

Send an SNMP Trap/Notification

Send a Syslog message

Trigger Policies				
1: General passthrough 2 3: IPS 1 Packets	Trigger Name:			
4: IPS 2 Packets 5: IPS 1 Load 6: IPS 2 Load 7 8: IPS 1 Link Status	IPS 1 Packets Save Trigger Erase Trigger			
This Trigger will be True/Active: Based upon a Hea	alth Check packet test 🔹			
Send a Health-Check packet every 2 seconds. Wait 1 seconds for a return/reply packet. Trigger False/Inactive if: A return packet is received (upstream response test) No return packet is received (upstream filtering test) Trigger True/Active: If no return/reply packet is received a Initial state: False/Inactive (initially assume success) True/Active (initially assume failure) Send the Health-Check packet on these ports: 7A 7B 8A 8B 9A 9B				
Health-Check packet data: Mac Destination: 112233445566 Mac Source (this tap): 0004F3030000 Etype: 0800 Payload: 000000000000000000000000000000000000				
Check for a return/reply packet on these ports: 7A 7B 8A 8B 9A 9B Return/reply packet filter condition: (mac source <this tap=""> OR mac destination PS HC >)</this>				

Current Trigger Stat	es
General passthrough	True/Active
IPS 1 Packets	True/Active
IPS 2 Packets	True/Active
IPS 1 Load	False/Inactive
IPS 2 Load	False/Inactive
IPS 1 Link Status	True/Active
IPS 2 Link Status	False/Inactive
IPS 1 combo Link and Load	False/Inactive
IPS 2 combo Link and Load	False/Inactive
IPS 1 2 combo packets	True/Active
IPS 1 2 combo link status	False/Inactive
IPS combo	True/Active
Imperva 1 Load	False/Inactive
Imperva 2 Load	False/Inactive
Imperva 1 Packets	True/Active
Imperva 2 Packets	False/Inactive
Imperva 1 Link Status	True/Active
Imperva 2 Link Status	False/Inactive
Imperva 1 combo Link and Load	False/Inactive
Imperva 2 combo Link and Load	False/Inactive
Imperva 1 2 combo packets	False/Inactive
Imperva 1 2 combo link status	False/Inactive
Imperva combo	False/Inactive
Imperva 1 combo packets link load	True/Active
Imperva 2 combo packets link load	False/Inactive
IPS 1 combo packets link load	True/Active
IPS 2 combo packets link load	True/Active

Trigger Policies	Current Trigger S	tates
1: General passthrough	General passthrough	Tru
	IPS 1 Packets	Tru
3: IPS 1 Packets Trigger Name: 4: IPS 2 Packets IPS 2 Packets	IPS 2 Packets	Tru
5: IPS 1 Load	IPS 1 Load	Fal
6: IPS 2 Load	IPS 2 Load	Fal
	IPS 1 Link Status	Tru
8: IPS 1 Link Status		
This Trigger will be True/Active: Based upon a Health Check packet test	IPS 2 Link Status	Fal
	IPS 1 combo Link and Load	Fal
Send a Health-Check packet every 2 seconds.	IPS 2 combo Link and Load	Fal
Wait 1 seconds for a return/reply packet.	IPS 1 2 combo packets	Tru
Trigger False/Inactive if:	IPS 1 2 combo link status	Fal
A return packet is received (upstream response test)	IPS combo	Tru
No return packet is received (upstream filtering test)	Imperva 1 Load	Fal
Trigger True/Active: If no return/reply packet is received after 2 attempts	Imperva 2 Load	Fal
Initial state:	Imperva 1 Packets	Tru
False/Inactive (initially assume success) True/Active (initially assume failure)	Imperva 2 Packets	Fal
Send the Health-Check packet on these ports:	Imperva 1 Link Status	Tru
	Imperva 2 Link Status	Fal
Health-Check packet data:	Imperva 1 combo Link and Load	Fal
Mac Destination: 112233445566	Imperva 2 combo Link and Load	Fal
Mac Source (this tap): 0004F3030000	Imperva 1 2 combo packets	Fal
Etype: 0800	Imperva 1 2 combo link status	Fal
Payload: 000000000000000000000000000000000000	Imperva combo	Fal
Check for a return/reply packet on these ports:	Imperva 1 combo packets link load	Tru
□ 7A □ 7B □ 8A □ 8B □ 9A □ 9B □ 11A □ 11B	Imperva 2 combo packets link load	Fal
Return/reply packet filter condition: (mac source <this tap=""> OR mac destination <this tap="">) AND (</this></this>	IPS 1 combo packets link load	Tru
(mac source chils tap> or mac destination chils tap>) And (IPS HC)	IPS 2 combo packets link load	Tru

True/Active

True/Active True/Active False/Inactive False/Inactive True/Active False/Inactive

False/Inactive

False/Inactive

False/Inactive True/Active False/Inactive False/Inactive False/Inactive True/Active True/Active

False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

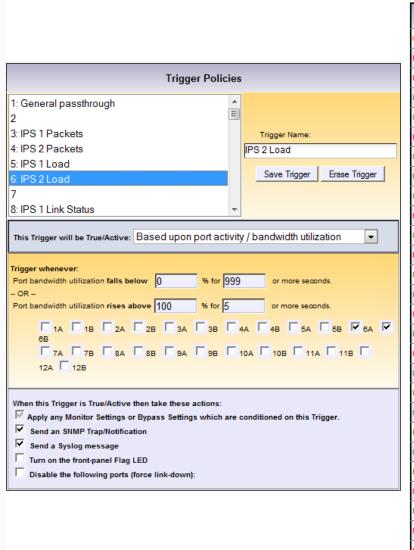
False/Inactive

True/Active

True/Active

Trigger Policies	3		
1: General passthrough 2 3: IPS 1 Packets 4: IPS 2 Packets 5: IPS 1 Load 6: IPS 2 Load 7	Trigger Name: IPS 1 Load Save Trigger Erase Trigger		
8: IPS 1 Link Status			
Trigger whenever: O % for 999 or more seconds. - OR Port bandwidth utilization rises above 100 % for 5 or more seconds. I 1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A 0 7A 7B 8A 8B 9A 9B 10A 10B 11A 11B 12A 12B 12B 10A 10B 11A 11B 11A			
When this Trigger is True/Active then take these actions: Image: Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Image: Send an SNMP Trap/Notification Image: Send a Syslog message Image: Turn on the front-panel Flag LED Image: Disable the following ports (force link-down):			

Current Trigger States			
General passthrough	True/Active		
IPS 1 Packets	True/Active		
IPS 2 Packets	True/Active		
IPS 1 Load	False/Inactive		
IPS 2 Load	False/Inactive		
IPS 1 Link Status	True/Active		
IPS 2 Link Status	False/Inactive		
IPS 1 combo Link and Load	False/Inactive		
IPS 2 combo Link and Load	False/Inactive		
IPS 1 2 combo packets	True/Active		
IPS 1 2 combo link status	False/Inactive		
IPS combo	True/Active		
Imperva 1 Load	False/Inactive		
Imperva 2 Load	False/Inactive		
Imperva 1 Packets	True/Active		
Imperva 2 Packets	False/Inactive		
Imperva 1 Link Status	True/Active		
Imperva 2 Link Status	False/Inactive		
Imperva 1 combo Link and Load	False/Inactive		
Imperva 2 combo Link and Load	False/Inactive		
Imperva 1 2 combo packets	False/Inactive		
Imperva 1 2 combo link status	False/Inactive		
Imperva combo	False/Inactive		
Imperva 1 combo packets link load	True/Active		
Imperva 2 combo packets link load	False/Inactive		
IPS 1 combo packets link load	True/Active		
IPS 2 combo packets link load	True/Active		



Current Trigger States		
General passthrough	True/Active	
IPS 1 Packets	True/Active	
IPS 2 Packets	True/Active	
IPS 1 Load	False/Inactive	
IPS 2 Load	False/Inactive	
IPS 1 Link Status	True/Active	
IPS 2 Link Status	False/Inactive	
IPS 1 combo Link and Load	False/Inactive	
IPS 2 combo Link and Load	False/Inactive	
IPS 1 2 combo packets	True/Active	
IPS 1 2 combo link status	False/Inactive	
IPS combo	True/Active	
Imperva 1 Load	False/Inactive	
Imperva 2 Load	False/Inactive	
Imperva 1 Packets	True/Active	
Imperva 2 Packets	False/Inactive	
Imperva 1 Link Status	True/Active	
Imperva 2 Link Status	False/Inactive	
Imperva 1 combo Link and Load	False/Inactive	
Imperva 2 combo Link and Load	False/Inactive	
Imperva 1 2 combo packets	False/Inactive	
Imperva 1 2 combo link status	False/Inactive	
Imperva combo	False/Inactive	
Imperva 1 combo packets link load	True/Active	
Imperva 2 combo packets link load	False/Inactive	
IPS 1 combo packets link load	True/Active	
IPS 2 combo packets link load	True/Active	

		Current Trigger States	
		General passthrough	Tru
		IPS 1 Packets	Tru
Irigge	Trigger Policies		Tru
1: General passthrough		IPS 1 Load	Fal
2		IPS 2 Load	Fal
3: IPS 1 Packets 4: IPS 2 Packets	Trigger Name:	IPS 1 Link Status	Tru
5: IPS 1 Load		IPS 2 Link Status	Fal
6: IPS 2 Load	Save Trigger Erase Trigger	IPS 1 combo Link and Load	Fal
7		IPS 2 combo Link and Load	Fal
8: IPS 1 Link Status	T	IPS 1 2 combo packets	Tru
This Trigger will be True/Active: Based upon	port link up/down		
		IPS 1 2 combo link status	Fal
Trigger whenever:		IPS combo	Tru
ANY of these ports are ONLINE (link up)		Imperva 1 Load	Fal
ALL of these ports are ONLINE (link up) ANY of these ports are OFFLINE (link down)		Imperva 2 Load	Fal
C ALL of these ports are OFFLINE (link down)		Imperva 1 Packets	Tru
	38 🗆 4A 🗆 48 💌 5A 💌 58 🗖 6A 🗖	Imperva 2 Packets	Fal
6B	98 0 10A 0 108 0 11A 11B	Imperva 1 Link Status	Tru
	98 10 10A 10 108 10 11A 10 118 10	Imperva 2 Link Status	Fal
		Imperva 1 combo Link and Load	Fal
When this Trigger is True/Active then take these	actions:	Imperva 2 combo Link and Load	Fal
Apply any Monitor Settings or Bypass Setting	s which are conditioned on this Trigger.	Imperva 1 2 combo packets	Fal
Send an SNMP Trap/Notification		Imperva 1 2 combo link status	Fal
Turn on the front-panel Flag LED		Imperva combo	Fal
Disable the following ports (force link-down)		Imperva 1 combo packets link load	Tru
L		Imperva 2 combo packets link load	Fal
		IPS 1 combo packets link load	Tru
		IPS 2 combo packets link load	Tru

True/Active True/Active True/Active False/Inactive False/Inactive False/Inactive False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive True/Active False/Inactive False/Inactive False/Inactive True/Active False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

		General p
Trigger Po	licios	IPS 1 Pad
nigger Fo		IPS 2 Pac
6: IPS 2 Load	^	IPS 1 Loa
7		IPS 2 Loa
3: IPS 1 Link Status	Trigger Name:	IPS 1 Link
9: IPS 2 Link Status 10: IPS 1 combo Link and Load	IPS 2 Link Status	
11: IPS 2 combo Link and Load	Save Trigger Erase Trigger	IPS 2 Link
12: IPS 1 2 combo packets		IPS 1 com
13: IPS 1 2 combo link status	-	IPS 2 com
		IPS 1 2 co
This Trigger will be True/Active: Based upon port I	link up/down	IPS 1 2 cc
frigger whenever:		IPS comb
ANY of these ports are ONLINE (link up)		Imperva 1
C ALL of these ports are ONLINE (link up)		Imperva 2
ANY of these ports are OFFLINE (link down)		
C ALL of these ports are OFFLINE (link down)		Imperva 1
		Imperva 2
		Imperva 1
When this Trigger is True/Active then take these actions:		
Apply any Monitor Settings or Bypass Settings which	ch are conditioned on this Trigger.	Imperva 1
Send an SNMP Trap/Notification		Imperva 1
Send a Syslog message Turn on the front-panel Flag LED		
Disable the following ports (force link-down):		Imperva o
		Imperva 1
		Imperva 2
		IPS 1 com

	Current Trigger St	tates
	General passthrough	True/Active
	IPS 1 Packets	True/Active
	IPS 2 Packets	True/Active
	IPS 1 Load	False/Inactive
	IPS 2 Load	False/Inactive
	IPS 1 Link Status	True/Active
gger	IPS 2 Link Status	False/Inactive
yyei	IPS 1 combo Link and Load	False/Inactive
	IPS 2 combo Link and Load	False/Inactive
	IPS 1 2 combo packets	True/Active
•	IPS 1 2 combo link status	False/Inactive
	IPS combo	True/Active
	Imperva 1 Load	False/Inactive
	Imperva 2 Load	False/Inactive
	Imperva 1 Packets	True/Active
A 🔽	Imperva 2 Packets	False/Inactive
1	Imperva 1 Link Status	True/Active
	Imperva 2 Link Status	False/Inactive
	Imperva 1 combo Link and Load	False/Inactive
	Imperva 2 combo Link and Load	False/Inactive
	Imperva 1 2 combo packets	False/Inactive
	Imperva 1 2 combo link status	False/Inactive
	Imperva combo	False/Inactive
	Imperva 1 combo packets link load	True/Active
	Imperva 2 combo packets link load	False/Inactive
	IPS 1 combo packets link load	True/Active
	IPS 2 combo packets link load	True/Active

	Trigger Policies	
6: IPS 2 Load 7 8: IPS 1 Link Status 9: IPS 2 Link Status 10: IPS 1 combo Link and Load 11: IPS 2 combo Link and Load 12: IPS 1 2 combo packets 13: IPS 1 2 combo link status This Trigger will be True/Active: Bas		Trigger Name: 3 1 combo Link and Load Save Trigger Erase Trigger
Selected Trigger(s): General passthrough IPS 1 Load IPS 2 Link Status IPS 1 2 combo link status Imperva 2 Load Imperva 2 Load Imperva 2 combo Link and Load Imperva combo IPS 1 combo packets link load Activate this Trigger whenever:	IPS combo Imperva 1 Packets Imperva 2 Link Status Imperva 1 2 combo packets Imperva 1 combo packet Imperva 1 combo packet	link load
All of the selected triggers a Make this Trigger True/Active only whe least seconds.	ive only after the above conditions have	itions have not been met continuously for at

Current Trigger States			
General passthrough	True/Active		
IPS 1 Packets	True/Active		
IPS 2 Packets	True/Active		
IPS 1 Load	False/Inactive		
IPS 2 Load	False/Inactive		
IPS 1 Link Status	True/Active		
IPS 2 Link Status	False/Inactive		
IPS 1 combo Link and Load	False/Inactive		
IPS 2 combo Link and Load	False/Inactive		
IPS 1 2 combo packets	True/Active		
IPS 1 2 combo link status	False/Inactive		
IPS combo	True/Active		
Imperva 1 Load	False/Inactive		
Imperva 2 Load	False/Inactive		
Imperva 1 Packets	True/Active		
Imperva 2 Packets	False/Inactive		
Imperva 1 Link Status	True/Active		
Imperva 2 Link Status	False/Inactive		
Imperva 1 combo Link and Load	False/Inactive		
Imperva 2 combo Link and Load	False/Inactive		
Imperva 1 2 combo packets	False/Inactive		
Imperva 1 2 combo link status	False/Inactive		
Imperva combo	False/Inactive		
Imperva 1 combo packets link load	True/Active		
Imperva 2 combo packets link load	False/Inactive		
IPS 1 combo packets link load	True/Active		
IPS 2 combo packets link load	True/Active		

Trigger Policies	Current Trigger St	tates	
6: IPS 2 Load	General passthrough	True	
8: IPS 1 Link Status	IPS 1 Packets	True	
9: IPS 2 Link Status 10: IPS 1 combo Link and Load	IPS 2 Packets	True	
Save Trigger Erase Trigger 12: IPS 1 2 combo packets Save Trigger	IPS 1 Load	Fals	
13: IPS 1 2 combo link status	IPS 2 Load	Fals	
This Trigger will be True/Active: Based upon other Triggers	IPS 1 Link Status	True	
	IPS 2 Link Status	Fals	
Selected Trigger(s):	IPS 1 combo Link and Load	Fals	
General passthrough IPS 1 Packets IPS 2 Packets	IPS 2 combo Link and Load	Fals	
IPS 1 Load IPS 2 Load IPS 1 Link Status	IPS 1 2 combo packets	True	
IPS 2 Link Status IPS 1 combo Link and Load IPS 1 2 combo packets	IPS 1 2 combo link status	Fals	
IPS 1 2 combo link status IPS combo Imperva 1 Load	IPS combo	True	
Imperva 2 Load Imperva 1 Packets Imperva 2 Packets	Imperva 1 Load	Fals	
Imperva 1 Link Status Imperva 2 Link Status Load	Imperva 2 Load	Fals	
Load packets I 2 combo Link and packets status	Imperva 1 Packets	True	
Imperva combo Ink load Ink load Ink load	Imperva 2 Packets	Fals	
IPS 1 combo packets link	Imperva 1 Link Status	True	
load load	Imperva 2 Link Status	Fals	
Activate this Trigger whenever: All v of the selected triggers are TRUE/ACTIVE v	Imperva 1 combo Link and Load	Fals	
Make this Trigger True/Active only when the above conditions have been met continuously for at	Imperva 2 combo Link and Load	Fals	
least 0 seconds.	Imperva 1 2 combo packets	Fals	
Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at	Imperva 1 2 combo link status	Fals	
least 0 seconds.	Imperva combo	Fals	
When this Trigger is True/Active then take these actions:	Imperva 1 combo packets link load	True	
 ✓ Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. ✓ Send an SNMP Trap/Notification 	Imperva 2 combo packets link load	Fals	
✓ send an shift Haphotincauon ✓ Send a Syslog message IPS 1 combo packets link lo			
Turn on the front-panel Flag LED	IPS 2 combo packets link load	True	
Disable the following ports (force link-down):	n o z comoo packets mix toad	- The	

True/Active

True/Active True/Active False/Inactive False/Inactive

True/Active

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive True/Active

False/Inactive False/Inactive

True/Active False/Inactive

True/Active False/Inactive

False/Inactive

False/Inactive False/Inactive

False/Inactive False/Inactive

True/Active

False/Inactive

True/Active True/Active

	Trigger Policies		Current Trigger St	ates
6: IPS 2 Load 7 8: IPS 1 Link Status 9: IPS 2 Link Status 10: IPS 1 combo Link and Load 11: IPS 2 combo Link and Load 12: IPS 1 2 combo packets 13: IPS 1 2 combo link status	IPS 12	iger Name: 2 combo packets ive Trigger Erase Trigger	General passthrough IPS 1 Packets IPS 2 Packets IPS 1 Load IPS 2 Load	True True True Fals
This Trigger will be True/Active: Bas	sed upon other Triggers	•	IPS 1 Link Status	True
Selected Trigger(s):			IPS 2 Link Status IPS 1 combo Link and Load	Fals
General passthrough	IPS 1 Packets	IPS 2 Packets IPS 1 Link Status	IPS 2 combo Link and Load IPS 1 2 combo packets	Fals True
	IPS combo	IPS 2 combo Link and Load Imperva 1 Load	IPS 1 2 combo link status	Fals True
Imperva 2 Load	Imperva 1 Packets	Imperva 2 Packets Imperva 1 combo Link and Load	Imperva 1 Load	Fals
Imperva 2 combo Link and Load	I Imperva 1 2 combo packets	Imperva 1 2 combo link status Imperva 2 combo packets	Imperva 1 Packets	True
IPS 1 combo packets link	link load	link load	Imperva 1 Link Status	True
Activate this Trigger whenever:	re 🔽 TRUE	/ACTIVE	Imperva 2 Link Status Imperva 1 combo Link and Load	False
Make this Trigger True/Active only whe	en the above conditions have bee	en met continuously for at	Imperva 2 combo Link and Load Imperva 1 2 combo packets	False
Revert this Trigger back to False/Inact least 0 seconds.	ive only after the above condition	is have not been met continuously for at	Imperva 1 2 combo link status	False
When this Trigger is True/Active then the apply any Monitor Settings or Byp. Send an SNMP Trap/Notification Send a Syslog message		ed on this Trigger.	Imperva 1 combo packets link load Imperva 2 combo packets link load	True
Turn on the front-panel Flag LED Disable the following ports (force	link-down):		IPS 1 combo packets link load	True

True/Active True/Active True/Active False/Inactive False/Inactive True/Active False/Inactive False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive

False/Inactive

False/Inactive False/Inactive False/Inactive False/Inactive

True/Active

False/Inactive True/Active True/Active

	Trigger Policies		Current Trigger St	ates
8: IPS 1 Link Status 9: IPS 2 Link Status	*		General passthrough	True
10: IPS 1 combo Link and Load		gger Name:	IPS 1 Packets	True
11: IPS 2 combo Link and Load 12: IPS 1 2 combo packets	IPS 12	2 combo link status	IPS 2 Packets	True
13: IPS 1 2 combo link status	Sa	ave Trigger Erase Trigger	IPS 1 Load	Fals
14: IPS combo 15: Imperva 1 Load	-		IPS 2 Load	Fals
This Trigger will be True/Active: Bas	ad upon other Triggers	•	IPS 1 Link Status	True
This frigger will be frue/Active: Dat	sed upon other ringgers		IPS 2 Link Status	Fals
Selected Trigger(s):			IPS 1 combo Link and Load	Fals
General passthrough	IPS 1 Packets	IPS 2 Packets	IPS 2 combo Link and Load	Fals
IPS 1 Load	IPS 2 Load	IPS 1 Link Status	IPS 1 2 combo packets	True
IPS 2 Link Status		IPS 2 combo Link and Load	IPS 1 2 combo link status	Fals
IPS 1 2 combo packets	IPS combo	Imperva 1 Load	IPS combo	True
Imperva 2 Load	Imperva 1 Packets	Imperva 2 Packets	Imperva 1 Load	Fals
Imperva 1 Link Status	Imperva 2 Link Status	Imperva 1 combo Link and Load	Imperva 2 Load	Fals
Imperva 2 combo Link and Load	I Imperva 1 2 combo packets	Imperva 1 2 combo link status	Imperva 1 Packets	True
Imperva combo	Imperva 1 combo packets	Imperva 2 combo packets	Imperva 2 Packets	Fals
IPS 1 combo packets link	IPS 2 combo packets link		Imperva 1 Link Status	True
load	load		Imperva 2 Link Status	Fals
Activate this Trigger whenever:	re 🔽 TRUE	ACTIVE	Imperva 1 combo Link and Load	Fals
Make this Trigger True/Active only wh	en the above conditions have be	en met continuously for at	Imperva 2 combo Link and Load	Fals
east 0 seconds.			Imperva 1 2 combo packets	Fals
	tive only after the above condition	ns have not been met continuously for at	Imperva 1 2 combo link status	Fals
east () seconds.			Imperva combo	Fals
When this Trigger is True/Active then			Imperva 1 combo packets link load	True
Apply any Monitor Settings or Byp Send an SNMP Trap/Notification	ass Settings which are condition	ed on this Trigger.	Imperva 2 combo packets link load	Fals
Send a Syslog message			IPS 1 combo packets link load	True
Turn on the front-panel Flag LED				
Disable the following ports (force	link-down):		IPS 2 combo packets link load	Tru

True/Active True/Active True/Active False/Inactive False/Inactive True/Active False/Inactive False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive

True/Active

False/Inactive True/Active True/Active

Trigger Policies	Current Trigger St
8: IPS 1 Link Status 9: IPS 2 Link Status 10: IPS 1 combo Link and Load	General passthrough IPS 1 Packets
11: IPS 2 combo Link and Load 12: IPS 1 2 combo packets	IPS 2 Packets
13: IPS 1 2 combo link status 14: IPS combo	IPS 1 Load
15: Imperva 1 Load	IPS 2 Load
This Trigger will be True/Active: Based upon other Triggers	IPS 1 Link Status
	IPS 2 Link Status
Selected Trigger(s):	IPS 1 combo Link and Load
General passthrough 🔲 IPS 1 Packets 🔲 IPS 2 Packets	IPS 2 combo Link and Load
IPS 1 Load IPS 2 Load IPS 1 Link Status	IPS 1 2 combo packets
IPS 2 Link Status IPS 1 combo Link and Load IPS 2 combo Link and Load	IPS 1 2 combo link status
IPS 1 2 combo packets IPS 1 2 combo link status Imperva 1 Load	IPS combo
Imperva 2 Load Imperva 1 Packets Imperva 2 Packets Imperva 1 combo Link and	Imperva 1 Load
Imperva 1 Link Status Imperva 2 Link Status Load	Imperva 2 Load
Load packets status	Imperva 1 Packets
Imperva combo Ink load Ink load Ink load Ink load	Imperva 2 Packets
IPS 1 combo packets link	Imperva 1 Link Status
load load	Imperva 2 Link Status
Activate this Trigger whenever: Any v of the selected triggers are v TRUE/ACTIVE v	Imperva 1 combo Link and Load
Make this Trigger True/Active only when the above conditions have been met continuously for at	Imperva 2 combo Link and Load
least 0 seconds.	Imperva 1 2 combo packets
Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at least 0 seconds.	Imperva 1 2 combo link status
	Imperva combo
When this Trigger is True/Active then take these actions: Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger.	Imperva 1 combo packets link load
Send an SNMP Trap/Notification	Imperva 2 combo packets link load
Send a Syslog message	IPS 1 combo packets link load
Turn on the front-panel Flag LED	IPS 2 combo packets link load
Disable the following ports (force link-down):	

Current Trigger States

True/Active

True/Active

True/Active

False/Inactive

False/Inactive

True/Active

False/Inactive

False/Inactive

False/Inactive

True/Active False/Inactive

True/Active

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

False/Inactive False/Inactive

False/Inactive

False/Inactive

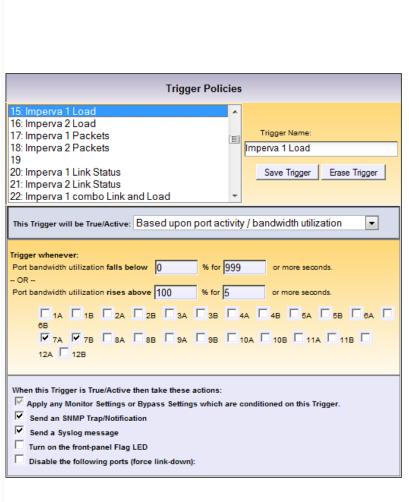
False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active



Current Trigger States	
General passthrough	True/Active
IPS 1 Packets	True/Active
IPS 2 Packets	True/Active
IPS 1 Load	False/Inactive
IPS 2 Load	False/Inactive
IPS 1 Link Status	True/Active
IPS 2 Link Status	False/Inactive
IPS 1 combo Link and Load	False/Inactive
IPS 2 combo Link and Load	False/Inactive
IPS 1 2 combo packets	True/Active
IPS 1 2 combo link status	False/Inactive
IPS combo	True/Active
Imperva 1 Load	False/Inactive
Imperva 2 Load	False/Inactive
Imperva 1 Packets	True/Active
Imperva 2 Packets	False/Inactive
Imperva 1 Link Status	True/Active
Imperva 2 Link Status	False/Inactive
Imperva 1 combo Link and Load	False/Inactive
Imperva 2 combo Link and Load	False/Inactive
Imperva 1 2 combo packets	False/Inactive
Imperva 1 2 combo link status	False/Inactive
Imperva combo	False/Inactive
Imperva 1 combo packets link load	True/Active
Imperva 2 combo packets link load	False/Inactive
IPS 1 combo packets link load	True/Active
IPS 2 combo packets link load	True/Active

-	
Trigger Po	olicies
15: Imperva 1 Load	A
16: Imperva 2 Load	N
17: Imperva 1 Packets	Trigger Name:
18: Imperva 2 Packets 19	Imperva 2 Load
20: Imperva 1 Link Status	Save Trigger Erase Trigger
21: Imperva 2 Link Status	
22: Imperva 1 combo Link and Load	•
This Trigger will be True/Active: Based upon port	t activity / bandwidth utilization
Trigger whenever:	
	for 999 or more seconds.
- OR	
Port bandwidth utilization rises above 100 %	for 5 or more seconds.
□ 1A □ 1B □ 2A □ 2B □ 3A □ 3	38 🗆 4A 🗆 4B 🗆 5A 🗖 5B 🗖 6A 🗖
68 □ 7A □ 7B ☑ 8A ☑ 8B □ 9A □ 9	
12A 🖵 12B	
When this Trigger is True/Active then take these action	ns:
Mapply any Monitor Settings or Bypass Settings wh	ich are conditioned on this Trigger.
Send an SNMP Trap/Notification	
Send a Syslog message	
Turn on the front-panel Flag LED	
Disable the following ports (force link-down):	

Current Trigger States	
General passthrough	True/Active
IPS 1 Packets	True/Active
IPS 2 Packets	True/Active
IPS 1 Load	False/Inactive
IPS 2 Load	False/Inactive
IPS 1 Link Status	True/Active
IPS 2 Link Status	False/Inactive
IPS 1 combo Link and Load	False/Inactive
IPS 2 combo Link and Load	False/Inactive
IPS 1 2 combo packets	True/Active
IPS 1 2 combo link status	False/Inactive
IPS combo	True/Active
Imperva 1 Load	False/Inactive
Imperva 2 Load	False/Inactive
Imperva 1 Packets	True/Active
Imperva 2 Packets	False/Inactive
Imperva 1 Link Status	True/Active
Imperva 2 Link Status	False/Inactive
Imperva 1 combo Link and Load	False/Inactive
Imperva 2 combo Link and Load	False/Inactive
Imperva 1 2 combo packets	False/Inactive
Imperva 1 2 combo link status	False/Inactive
Imperva combo	False/Inactive
Imperva 1 combo packets link load	True/Active
Imperva 2 combo packets link load	False/Inactive
IPS 1 combo packets link load	True/Active
IPS 2 combo packets link load	True/Active

Trigger Policies	Current Trigger St	tates
15: Imperva 1 Load 16: Imperva 2 Load 17: Imperva 1 Packate	General passthrough	Tru
Trigger Name: 18: Imperva 2 Packets 19 20: Imperva 1 Link Status Save Trigger	IPS 1 Packets IPS 2 Packets	Tru Tru
20. Imperva 1 Link Status 21: Imperva 2 Link Status 22: Imperva 1 combo Link and Load	IPS 1 Load IPS 2 Load	Fal
This Trigger will be True/Active: Based upon a Health Check packet test	IPS 1 Link Status IPS 2 Link Status	Tru Fal
Send a Health-Check packet every 2 seconds. Wait 1 seconds for a return/reply packet.	IPS 1 combo Link and Load	Fal
Trigger False/Inactive if:	IPS 2 combo Link and Load IPS 1 2 combo packets	Fa
C No return packet is received (upstream filtering test)	IPS 1 2 combo link status	Fal Tru
Trigger True/Active: If no return/reply packet is received after 2 attempts	Imperva 1 Load Imperva 2 Load	Fa Fa
False/Inactive (initially assume success) True/Active (initially assume failure) Send the Health-Check packet on these ports:	Imperva 1 Packets Imperva 2 Packets	Tru Fal
	Imperva 1 Link Status	Tru
Health-Check packet data: Mac Destination: 112233445567 Mac Source (this tap): 0004F3030000	Imperva 2 Link Status Imperva 1 combo Link and Load Imperva 2 combo Link and Load	Fal Fal
Etype: 0800 Payload: 000000000000000000000000000000000000	Imperva 1 2 combo packets Imperva 1 2 combo link status	Fal
Check for a return/reply packet on these ports:	Imperva combo	Fa
Return/reply packet filter condition: (mac source <this tap=""> OR mac destination <this tap="">) AND (</this></this>	Imperva 1 combo packets link load Imperva 2 combo packets link load	Tru Fai
Imperva HC When this Trigger is True/Active then take these actions:	IPS 1 combo packets link load IPS 2 combo packets link load	Tru Tru

True/Active

True/Active True/Active False/Inactive False/Inactive True/Active False/Inactive

False/Inactive False/Inactive

True/Active

False/Inactive True/Active False/Inactive False/Inactive True/Active False/Inactive

True/Active

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

Trigger Policies	
	Curre
15: Imperva 1 Load	General passthrough
17: Imperva 1 Packets	IPS 1 Packets
18: Imperva 2 Packets 19	IPS 2 Packets
20: Imperva 1 Link Status 21: Imperva 2 Link Status	IPS 1 Load
22: Imperva 1 combo Link and Load	IPS 2 Load
This Trigger will be True/Active: Based upon a Health Check packet test	IPS 1 Link Status
	IPS 2 Link Status
Send a Health-Check packet every 2 seconds.	IPS 1 combo Link ar
Wait seconds for a return/reply packet.	IPS 2 combo Link a
Trigger False/Inactive if:	IPS 1 2 combo pack
A return packet is received (upstream response test) No return packet is received (upstream filtering test)	IPS 1 2 combo links
	IPS combo
Trigger True/Active: If no return/reply packet is received after 2 attempts	Imperva 1 Load
Initial state: • False/Inactive (initially assume success)	Imperva 2 Load
C True/Active (initially assume success)	Imperva 1 Packets
Send the Health-Check packet on these ports:	Imperva 2 Packets
□7A □7B 🗹 8A □ 8B □9A □9B □11A □11B	Imperva 1 Link Statu
Health-Check packet data:	Imperva 2 Link Statu
Mac Destination: 112233445567	Imperva 1 combo Li
Mac Source (this tap): 0004F3030000 Etype: 0800	Imperva 2 combo Li
Payload: 000000000000000000000000000000000000	Imperva 1 2 combo
000000000000000000000000000000000000000	Imperva 1 2 combo
Check for a return/reply packet on these ports:	Imperva combo
□7A □7B □8A ☑ 8B □9A □9B □11A □11B	Imperva 1 combo pa
Return/reply packet filter condition: (mac source <this tap=""> OR mac destination <this tap="">) AND (</this></this>	Imperva 2 combo pa
Imperva HC)	IPS 1 combo packet
	IPS 2 combo packet
When this Trigger is True/Active then take these actions:	L

Current Trigger States	
General passthrough	True/Active
IPS 1 Packets	True/Active
IPS 2 Packets	True/Active
IPS 1 Load	False/Inactive
IPS 2 Load	False/Inactive
IPS 1 Link Status	True/Active
IPS 2 Link Status	False/Inactive
IPS 1 combo Link and Load	False/Inactive
IPS 2 combo Link and Load	False/Inactive
IPS 1 2 combo packets	True/Active
IPS 1 2 combo link status	False/Inactive
IPS combo	True/Active
Imperva 1 Load	False/Inactive
Imperva 2 Load	False/Inactive
Imperva 1 Packets	True/Active
Imperva 2 Packets	False/Inactive
Imperva 1 Link Status	True/Active
Imperva 2 Link Status	False/Inactive
Imperva 1 combo Link and Load	False/Inactive
Imperva 2 combo Link and Load	False/Inactive
Imperva 1 2 combo packets	False/Inactive
Imperva 1 2 combo link status	False/Inactive
Imperva combo	False/Inactive
Imperva 1 combo packets link load	True/Active
Imperva 2 combo packets link load	False/Inactive
IPS 1 combo packets link load	True/Active
IPS 2 combo packets link load	True/Active

	General pass
	IPS 1 Packet
Trigger Policies	IPS 2 Packet
15: Imperva 1 Load	IPS 1 Load
16: Imperva 2 Load	IPS 2 Load
17: Imperva 1 Packets Trigger Name: 18: Imperva 2 Packets Imperva 1 Link Status	IPS 1 Link St
19	IPS 2 Link St
20: Imperva 1 Link Status 21: Imperva 2 Link Status	IPS 1 combo
22: Imperva 1 combo Link and Load	IPS 2 combo
This Trigger will be True/Active: Based upon port link up/down	IPS 1 2 comb
	IPS 1 2 comb
Trigger whenever:	IPS combo
C ANY of these ports are ONLINE (link up)	Imperva 1 Lo
ANY of these ports are OFFLINE (link down)	Imperva 2 Lo
C ALL of these ports are OFFLINE (link down)	Imperva 1 Pa
□ 1A □ 1B □ 2A □ 2B □ 3A □ 3B □ 4A □ 4B □ 5A □ 5B □ 6A □	Imperva 1 Pa
12A 12B	Imperva 1 Lir
	Imperva 2 Lir
When this Trigger is True/Active then take these actions:	Imperva 1 co
Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger.	Imperva 2 co
 ✓ Send an SNMP Trap/Notification ✓ Send a Syslog message 	Imperva 1 2 d
Turn on the front-panel Flag LED	Imperva 1 2 d
Disable the following ports (force link-down):	Imperva com
	Imperva 1 co
	Imperva 2 co
	IPS 1 combo
	IPS 2 combo

Current Trigger S	tates
General passthrough	True/Active
IPS 1 Packets	True/Active
IPS 2 Packets	True/Active
IPS 1 Load	False/Inactive
IPS 2 Load	False/Inactive
IPS 1 Link Status	True/Active
IPS 2 Link Status	False/Inactive
IPS 1 combo Link and Load	False/Inactive
IPS 2 combo Link and Load	False/Inactive
IPS 1 2 combo packets	True/Active
IPS 1 2 combo link status	False/Inactive
IPS combo	True/Active
Imperva 1 Load	False/Inactive
Imperva 2 Load	False/Inactive
Imperva 1 Packets	True/Active
Imperva 2 Packets	False/Inactive
Imperva 1 Link Status	True/Active
Imperva 2 Link Status	False/Inactive
Imperva 1 combo Link and Load	False/Inactive
Imperva 2 combo Link and Load	False/Inactive
Imperva 1 2 combo packets	False/Inactive
Imperva 1 2 combo link status	False/Inactive
Imperva combo	False/Inactive
Imperva 1 combo packets link load	True/Active
Imperva 2 combo packets link load	False/Inactive
IPS 1 combo packets link load	True/Active
IPS 2 combo packets link load	True/Active

Trigger P	olicies
15: Imperva 1 Load	A
16: Imperva 2 Load	Trianes News
17: Imperva 1 Packets	El Imperva 2 Link Status
18: Imperva 2 Packets 19	Imperva 2 Link Status
20: Imperva 1 Link Status	Save Trigger Erase Trigger
21: Imperva 2 Link Status	
22: Imperva 1 combo Link and Load	•
This Trigger will be True/Active: Based upon por	rt link up/down
68 □ 7A □ 7B ☑ 8A ☑ 8B □ 9A □ 9E 12A □ 12B	
When this Trigger is True/Active then take these action Apply any Monitor Settings or Bypass Settings will	
Send an SNMP Trap/Notification	
Send a Syslog message	
Turn on the front-panel Flag LED	
Disable the following ports (force link-down):	

	Current Trigger St	tates
	General passthrough	True/Active
	IPS 1 Packets	True/Active
	IPS 2 Packets	True/Active
	IPS 1 Load	False/Inactive
	IPS 2 Load	False/Inactive
3	IPS 1 Link Status	True/Active
т	IPS 2 Link Status	False/Inactive
Erase Trigger	IPS 1 combo Link and Load	False/Inactive
	IPS 2 combo Link and Load	False/Inactive
-	IPS 1 2 combo packets	True/Active
	IPS 1 2 combo link status	False/Inactive
	IPS combo	True/Active
	Imperva 1 Load	False/Inactive
	Imperva 2 Load	False/Inactive
	Imperva 1 Packets	True/Active
	Imperva 2 Packets	False/Inactive
118 🗖	Imperva 1 Link Status	True/Active
	Imperva 2 Link Status	False/Inactive
	Imperva 1 combo Link and Load	False/Inactive
jer.	Imperva 2 combo Link and Load	False/Inactive
	Imperva 1 2 combo packets	False/Inactive
	Imperva 1 2 combo link status	False/Inactive
	Imperva combo	False/Inactive
	Imperva 1 combo packets link load	True/Active
	Imperva 2 combo packets link load	False/Inactive
	IPS 1 combo packets link load	True/Active
	IPS 2 combo packets link load	True/Active

Trigger Policies	Current Trigger St	ates
15: Imperva 1 Load 16: Imperva 2 Load	General passthrough	True
17: Imperva 1 Packets	IPS 1 Packets	True
18: Imperva 2 Packets 19 Imperva 1 combo Link and Load	IPS 2 Packets	True
20: Imperva 1 Link Status Save Trigger Erase Trigger 21: Imperva 2 Link Status Erase Trigger Erase Trigger	IPS 1 Load	Fals
22: Imperva 1 combo Link and Load	IPS 2 Load	Fals
This Trigger will be True/Active: Based upon other Triggers	IPS 1 Link Status	True
	IPS 2 Link Status	Fals
Selected Trigger(s):	IPS 1 combo Link and Load	Fals
General passthrough IPS 1 Packets IPS 2 Packets	IPS 2 combo Link and Load	Fals
IPS 1 Load IPS 2 Load IPS 1 Link Status	IPS 1 2 combo packets	True
IPS 2 Link Status IPS 1 combo Link and Load IPS 2 combo Link and Load	IPS 1 2 combo link status	Fals
IPS 1 2 combo packets IPS 1 2 combo link status IPS combo Imperva 1 Load Imperva 2 Load Imperva 1 Packets	IPS combo	True
Imperva 1 Load Imperva 2 Load Imperva 1 Packets	Imperva 1 Load	Fals
Imperva 2 combo Link and Imperva 1 2 combo Imperva 1 2 combo	Imperva 2 Load	Fals
Load packets status	Imperva 1 Packets	True
link load link load	Imperva 2 Packets	Fals
l IPS 1 combo packets link I IPS 2 combo packets link load load	Imperva 1 Link Status	True
Activate this Trigger whenever:	Imperva 2 Link Status	Fals
All 💌 of the selected triggers are	Imperva 1 combo Link and Load	Fals
Make this Trigger True/Active only when the above conditions have been met continuously for at least one seconds.	Imperva 2 combo Link and Load	Fals
	Imperva 1 2 combo packets	Fals
Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at least 0 seconds.	Imperva 1 2 combo link status	Fals
When this Trigger is True/Active then take these actions:	Imperva combo	Fals
Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger.	Imperva 1 combo packets link load	True
Send an SNMP Trap/Notification Send a Syslog message	Imperva 2 combo packets link load	Fals
Turn on the front-panel Flag LED	IPS 1 combo packets link load	True
Disable the following ports (force link-down):	IPS 2 combo packets link load	True

True/Active True/Active True/Active False/Inactive False/Inactive False/Inactive

False/Inactive

False/Inactive

True/Active False/Inactive False/Inactive True/Active False/Inactive False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

	Trigger Policies		Current Trigger St
21: Imperva 2 Link Status 22: Imperva 1 combo Link and Loa 23: Imperva 2 combo Link and Loa	ad Trig	ger Name:	General passthrough IPS 1 Packets
24: Imperva 1 2 combo packets 25	〔≡〕 Imperv	a 2 combo Link and Load	IPS 2 Packets
26: Imperva 1 2 combo link status 27: Imperva combo	Sa	ve Trigger Erase Trigger	IPS 1 Load
28	-		IPS 2 Load
This Trigger will be True/Active: Base	d upon other Triggers		IPS 1 Link Status
			IPS 2 Link Status
Selected Trigger(s):			IPS 1 combo Link and Load
General passthrough	IPS 1 Packets	IPS 2 Packets	IPS 2 combo Link and Load
	IPS 2 Load	IPS 1 Link Status	IPS 1 2 combo packets
		IPS 2 combo Link and Load	IPS 1 2 combo link status
	IPS 1 2 combo link status	IPS combo	IPS combo
	Imperva 2 Load Imperva 1 Link Status	Imperva 1 Packets	Imperva 1 Load
Imperva 1 combo Link and		Imperva 1 2 combo link	Imperva 2 Load
Load p	ackets Imperva 1 combo packets	status	Imperva 1 Packets
imperva combo	nk load	link load	Imperva 2 Packets
	IPS 2 combo packets link pad		Imperva 1 Link Status
Activate this Trigger whenever:			Imperva 2 Link Status
All • of the selected triggers are		ACTIVE -	Imperva 1 combo Link and Load
Make this Trigger True/Active only when least 0 seconds.	the above conditions have bee	n met continuously for at	Imperva 2 combo Link and Load
-			Imperva 1 2 combo packets
Revert this Trigger back to False/Inactive east 0 seconds.	e only after the above condition	s have not been met continuously for at	Imperva 1 2 combo link status
When this Trigger is True/Active then tak	ke these actions:		Imperva combo
Apply any Monitor Settings or Bypas	s Settings which are conditione	ed on this Trigger.	Imperva 1 combo packets link load
Send an SNMP Trap/Notification			Imperva 2 combo packets link load
Send a Syslog message Turn on the front-panel Flag LED			IPS 1 combo packets link load
Disable the following ports (force line	nk-down):		IPS 2 combo packets link load

States

True/Active True/Active True/Active False/Inactive False/Inactive True/Active False/Inactive False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive

False/Inactive

False/Inactive False/Inactive False/Inactive

True/Active

False/Inactive True/Active True/Active

Trigger Policies	Current Trigger St
21: Imperva 2 Link Status 22: Imperva 1 combo Link and Load 23: Imperva 2 combo Link and Load 24: Imperva 1 2 combo packets 25 26: Imperva 1 2 combo link status 27: Imperva combo 28	General passthrough IPS 1 Packets IPS 2 Packets IPS 1 Load IPS 2 Load
This Trigger will be True/Active: Based upon other Triggers	IPS 1 Link Status IPS 2 Link Status
Selected Trigger(s):	IPS 1 combo Link and Load IPS 2 combo Link and Load IPS 1 2 combo packets
IP\$ 2 Link Status IP\$ 1 combo Link and Load IP\$ 2 combo Link and Load IP\$ 1 2 combo packets IP\$ 1 2 combo link status IP\$ combo	IPS 1 2 combo link status
Imperva 1 Load Imperva 2 Load Imperva 1 Packets Imperva 2 Packets Imperva 1 Link Status Imperva 2 Link Status Imperva 1 combo Link and Imperva 2 combo Link and Imperva 1 2 combo link Load status	Imperva 1 Load Imperva 2 Load
Imperva combo Imperva 1 combo packets Imperva 2 combo packets Ink load Ink load Ink load	Imperva 1 Packets Imperva 2 Packets
Ioad Ioad Activate this Trigger whenever: All ▼ of the selected triggers All ▼ of the selected triggers are	Imperva 1 Link Status Imperva 2 Link Status Imperva 1 combo Link and Load
Make this Trigger True/Active only when the above conditions have been met continuously for at least 0 seconds.	Imperva 2 combo Link and Load Imperva 1 2 combo packets
Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at least 0 seconds.	Imperva 1 2 combo link status Imperva combo
When this Trigger is True/Active then take these actions: Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Send an SNMP Trap/Notification Send a Syslog message Turn on the front-panel Flag LED Disable the following ports (force link-down):	Imperva 1 combo packets link load Imperva 2 combo packets link load IPS 1 combo packets link load IPS 2 combo packets link load

Current Trigger States

True/Active

True/Active

True/Active

False/Inactive

False/Inactive

True/Active

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive True/Active

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

Trigger Policies	Current Trigger Sta	ates
21: Imperva 2 Link Status 22: Imperva 1 combo Link and Load 23: Imperva 2 combo Link and Load 24: Imperva 1 2 combo packets 25 26: Imperva 1 2 combo link status Save Trigger Erase Trigger	General passthrough IPS 1 Packets IPS 2 Packets IPS 1 Load	True True True Fals
27: Imperva combo	IPS 2 Load IPS 1 Link Status	Fals
Selected Trigger(s):	IPS 2 Link Status IPS 1 combo Link and Load	Fals
General passthrough IPS 1 Packets IPS 2 Packets IPS 1 Load IPS 2 Load IPS 1 Link Status IPS 2 Link Status IPS 1 combo Link and Load IPS 2 combo Link and Load	IPS 2 combo Link and Load IPS 1 2 combo packets IPS 1 2 combo link status	Fals True Fals
IPS 1 2 combo packets IPS 1 2 combo link status IPS combo Imperva 1 Load Imperva 2 Load Imperva 1 Packets Imperva 2 Packets Imperva 1 Link Status Imperva 2 Link Status	IPS combo Imperva 1 Load	True
Imperva 1 combo Link and Imperva 2 combo Link and packets Load packets Imperva 2 combo packets Imperva 2 combo packets	Imperva 2 Load Imperva 1 Packets	Fals
Ink load Ink	Imperva 2 Packets Imperva 1 Link Status Imperva 2 Link Status	Fals True
Activate this Trigger whenever: All of the selected triggers are TRUE/ACTIVE Make this Trigger True/Active only when the above conditions have been met continuously for at	Imperva 1 combo Link and Load Imperva 2 combo Link and Load	Fals
least 0 seconds. Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at least o least 0 seconds.	Imperva 1 2 combo packets Imperva 1 2 combo link status	Fals
When this Trigger is True/Active then take these actions: Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Send an SNMP Trap/Notification	Imperva combo Imperva 1 combo packets link load Imperva 2 combo packets link load	Fals True Fals
Image: Send a Syslog message □ Turn on the front-panel Flag LED □ Disable the following ports (force link-down):	IPS 1 combo packets link load IPS 2 combo packets link load	True True

True/Active True/Active True/Active False/Inactive False/Inactive False/Inactive False/Inactive

False/Inactive

False/Inactive True/Active False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

Trigger Policies	Current Trigger St	ates
21: Imperva 2 Link Status	General passthrough	True
23: Imperva 2 combo Link and Load Trigger Name:	IPS 1 Packets	True
24: Imperva 1 2 combo packets	IPS 2 Packets	True
26: Imperva 1 2 combo link status Save Trigger Erase Trigger	IPS 1 Load	False
28 v	IPS 2 Load	Fals
This Trigger will be True/Active: Based upon other Triggers	IPS 1 Link Status	True
	IPS 2 Link Status	Fals
Selected Trigger(s):	IPS 1 combo Link and Load	Fals
General passthrough IPS 1 Packets IPS 2 Packets	IPS 2 combo Link and Load	Fals
IPS 1 Load IPS 2 Load IPS 2 Load IPS 3 Link Status	IPS 1 2 combo packets	True
IPS 2 Link Status IPS 1 combo Link and Load IPS 2 combo Link and Load	IPS 1 2 combo link status	Fals
IPS 1 2 combo packets IPS 1 2 combo link status IPS combo	IPS combo	True
Imperva 1 Load Imperva 2 Load Imperva 1 Packets Imperva 2 Packets Imperva 1 Link Status Imperva 2 Link Status	Imperva 1 Load	Fals
✓ Imperva 2 Packets ✓ ✓ Imperva 2 combo Link and ✓ Imperva 2 combo Link and ✓ Imperva 2 combo Link and	Imperva 2 Load	Fals
Load Load packets	Imperva 1 Packets	True
Imperva 1 2 combo link Imperva 1 combo packets Imperva 2 combo packets Ink load Ink load	Imperva 2 Packets	Fals
IPS 1 combo packets link IPS 2 combo packets link Ioad Ioad Ioad Ioad Ioad Ioad Ioad Ioad	Imperva 1 Link Status	True
Activate this Trigger whenever:	Imperva 2 Link Status	Fals
Any v of the selected triggers are V TRUE/ACTIVE v	Imperva 1 combo Link and Load	Fals
Make this Trigger True/Active only when the above conditions have been met continuously for at least of seconds.	Imperva 2 combo Link and Load	Fals
	Imperva 1 2 combo packets	Fals
Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at least seconds.	Imperva 1 2 combo link status	Fals
When this Trigger is True/Active then take these actions:	Imperva combo	Fals
Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger.	Imperva 1 combo packets link load	True
Send an SNMP Trap/Notification	Imperva 2 combo packets link load	Fals
Send a Syslog message	IPS 1 combo packets link load	True
Disable the following ports (force link-down):	IPS 2 combo packets link load	True
		_

True/Active True/Active True/Active False/Inactive False/Inactive False/Inactive

False/Inactive

False/Inactive True/Active False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive True/Active False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

28 29: Imperva 1 combo packets lin 30: Imperva 2 combo packets lin 31: IPS 1 combo packets link loa 32: IPS 2 combo packets link loa 33 34 35	k load d Impe	rigger Name: erva 1 combo packets link load Save Trigger Erase Trigger
This Trigger will be True/Active: Bas	ed upon other Triggers	•
Selected Trigger(s):		
General passthrough	IPS 1 Packets	IPS 2 Packets
IPS 2 Link Status	IPS 1 combo Link and Load	IPS 2 combo Link and Load
IPS 1 2 combo packets	IPS 1 2 combo link status	IPS combo
Imperva 1 Load	Imperva 2 Load	Imperva 1 Packets
Imperva 1 combo Link and Load		
Imperva 1 2 combo link status	Imperva combo	Imperva 2 combo packets link load
IPS 1 combo packets link load	IPS 2 combo packets link load	κ.
Activate this Trigger whenever:		
Any 💌 of the selected triggers all	re 💽 TRU	JE/ACTIVE
Make this Trigger True/Active only whe east 0 seconds.	n the above conditions have t	been met continuously for at
Revert this Trigger back to False/Inacti east 0 seconds.	ve only after the above condit	ions have not been met continuously for at
When this Trigger is True/Active then to Apply any Monitor Settings or Bypa Send an SNMP Trap/Notification		oned on this Trigger.
Send an SNMP Trap/Notification		

Current Trigger Sta	ates			
General passthrough	True/Active			
IPS 1 Packets	True/Active			
IPS 2 Packets	True/Active			
IPS 1 Load	False/Inactive			
IPS 2 Load	False/Inactive			
IPS 1 Link Status	True/Active			
IPS 2 Link Status	False/Inactive			
IPS 1 combo Link and Load	False/Inactive			
IPS 2 combo Link and Load	False/Inactive			
IPS 1 2 combo packets	True/Active			
IPS 1 2 combo link status	False/Inactive			
IPS combo	True/Active			
Imperva 1 Load	False/Inactive			
Imperva 2 Load	False/Inactive			
Imperva 1 Packets	True/Active			
Imperva 2 Packets	False/Inactive			
Imperva 1 Link Status	True/Active			
Imperva 2 Link Status	False/Inactive			
Imperva 1 combo Link and Load	False/Inactive			
Imperva 2 combo Link and Load	False/Inactive			
Imperva 1 2 combo packets	False/Inactive			
Imperva 1 2 combo link status	False/Inactive			
Imperva combo	False/Inactive			
Imperva 1 combo packets link load	True/Active			
Imperva 2 combo packets link load	False/Inactive			
IPS 1 combo packets link load	True/Active			
IPS 2 combo packets link load	True/Active			
	1			

	Trigger Policies		Current Trigger St	ates
28 29: Imperva 1 combo packets lin	*		General passthrough	True
30: Imperva 2 combo packets lin	k load	gger Name:	IPS 1 Packets	True
31: IPS 1 combo packets link loa 32: IPS 2 combo packets link loa		va 2 combo packets link load	IPS 2 Padkets	True
33 34		ave Trigger Erase Trigger	IPS 1 Load	False
35	-		IPS 2 Load	False
This Trigger will be True/Active: Bas	ed upon other Triggers	•	IPS 1 Link Status	True
This mgger will be mueractive. Das	ed upon other ringgers		IPS 2 Link Status	False
Selected Trigger(s):			IPS 1 combo Link and Load	False
General passthrough	IPS 1 Packets	IPS 2 Packets	IPS 2 combo Link and Load	Fals
IPS 1 Load	IPS 2 Load	IPS 1 Link Status	IPS 1 2 combo packets	True
IPS 2 Link Status	IPS 1 combo Link and Load	IPS 2 combo Link and Load	IPS 1 2 combo link status	Fals
IPS 1 2 combo packets	IPS 1 2 combo link status	IPS combo	IPS combo	True
🗖 Imperva 1 Load	Imperva 2 Load	Imperva 1 Packets	Imperva 1 Load	False
Imperva 2 Packets	Imperva 1 Link Status	Minterva 2 Link Status	Imperva 2 Load	False
Imperva 1 combo Link and Load	Imperva 2 combo Link and Load	Imperva 1 2 combo packets	Imperva 1 Packets	True
Imperva 1 2 combo link status	Imperva combo	Imperva 1 combo packets link load	Imperva 2 Packets	Fals
IPS 1 combo packets link	IPS 2 combo packets link		Imperva 1 Link Status	True
load	load		Imperva 2 Link Status	Fals
Activate this Trigger whenever:	re 🔽 TRUE	E/ACTIVE	Imperva 1 combo Link and Load	Fals
Make this Trigger True/Active only whe	n the above conditions have be	een met continuously for at	Imperva 2 combo Link and Load	False
least 0 seconds.			Imperva 1 2 combo packets	Fals
	ve only after the above condition	ons have not been met continuously for at	Imperva 1 2 combo link status	Fals
least () seconds.			Imperva combo	False
When this Trigger is True/Active then t		and an this Triana	Imperva 1 combo packets link load	True
Apply any Monitor Settings or Bypa	iss seconds which are condition	ied on uns trigger.	Imperva 2 combo packets link load	Fals
Send a Syslog message			IPS 1 combo packets link load	True
Turn on the front-panel Flag LED			IPS 2 combo packets link load	True
Disable the following ports (force	link-down):			1

True/Active True/Active True/Active False/Inactive False/Inactive True/Active False/Inactive False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive

True/Active

False/Inactive True/Active True/Active

	Trigger Policies		Current Trigger Sta	ates
28 29: Imperva 1 combo packets link 30: Imperva 2 combo packets link 31: IPS 1 combo packets link load 32: IPS 2 combo packets link load 33 34 35	tioad IPS 1 c	ger Name: combo packets link load ve Trigger Erase Trigger	General passthrough IPS 1 Packets IPS 2 Packets IPS 1 Load IPS 2 Load	True/Active True/Active True/Active False/Inactive
This Trigger will be True/Active: Base	ed upon other Triggers		IPS 1 Link Status	True/Active
			IPS 2 Link Status	False/Inactiv
elected Trigger(s):			IPS 1 combo Link and Load	False/Inactiv
General passthrough	IPS 1 Packets	IPS 2 Packets	IPS 2 combo Link and Load	False/Inactiv
IPS 1 Load	IPS 2 Load	IPS 1 Link Status	IPS 1 2 combo packets	True/Active
IPS 2 Link Status	IPS 1 combo Link and	IPS 2 combo Link and Load	IPS 1 2 combo link status	False/Inactiv
IPS 1 2 combo packets	IPS 1 2 combo link status	IPS combo	IPS combo	True/Active
🗖 Imperva 1 Load	Imperva 2 Load	Imperva 1 Packets	Imperva 1 Load	False/Inactiv
Imperva 2 Packets	Imperva 1 Link Status	Imperva 2 Link Status	Imperva 2 Load	False/Inactiv
Imperva 1 combo Link and Load	Imperva 2 combo Link and Load	Imperva 1 2 combo	Imperva 1 Packets	True/Active
Imperva 1 2 combo link	Imperva combo	Imperva 1 combo packets	Imperva 2 Packets	False/Inactiv
Imperva 2 combo packets	IPS 2 combo packets link		Imperva 1 Link Status	True/Active
link load	load		Imperva 2 Link Status	False/Inactiv
Any v of the selected triggers	TRUE	ACTIVE -	Imperva 1 combo Link and Load	False/Inactiv
ake this Trigger True/Active only when			Imperva 2 combo Link and Load	False/Inactiv
seconds.		,	Imperva 1 2 combo packets	False/Inactiv
	e only after the above condition	s have not been met continuously for at	Imperva 1 2 combo link status	False/Inactiv
ast () seconds.			Imperva combo	False/Inactiv
Vhen this Trigger is True/Active then ta			Imperva 1 combo packets link load	True/Active
Apply any Monitor Settings or Bypas Send an SNMP Trap/Notification	ss Settings which are conditione	ed on this Trigger.	Imperva 2 combo packets link load	False/Inactiv
Send a Syslog message			IPS 1 combo packets link load	True/Active
Turn on the front-panel Flag LED			IPS 2 combo packets link load	True/Active
Disable the following ports (force li	nk-down):		n o z comos packets mix load	The Active

	Trigger Policies		Current Trigger Sta	ates
28 29: Imperva 1 combo packets link 30: Imperva 2 combo packets link 31: IPS 1 combo packets link load 32: IPS 2 combo packets link load 33 34	c load d d IPS 2 c	ger Name: combo packets link load we Trigger Erase Trigger	General passthrough IPS 1 Packets IPS 2 Packets IPS 1 Load	True/Active True/Active True/Active False/Inactive
35	•		IPS 2 Load	False/Inactive
This Trigger will be True/Active: Base	ed upon other Triggers	•	IPS 1 Link Status	True/Active
			IPS 2 Link Status	False/Inactive
Selected Trigger(s):			IPS 1 combo Link and Load	False/Inactive
General passthrough	IPS 1 Packets	IPS 2 Packets	IPS 2 combo Link and Load	False/Inactive
IPS 1 Load	IPS 2 Load	IPS 1 Link Status	IPS 1 2 combo packets	True/Active
IPS 2 Link Status	IPS 1 combo Link and	IPS 2 combo Link and Load	IPS 1 2 combo link status	False/Inactive
IPS 1 2 combo packets	IPS 1 2 combo link status	IPS combo	IPS combo	True/Active
Imperva 1 Load	Imperva 2 Load	Imperva 1 Packets	Imperva 1 Load	False/Inactive
Imperva 2 Packets	Imperva 1 Link Status	Imperva 2 Link Status	Imperva 2 Load	False/Inactive
Imperva 1 combo Link and Load	Imperva 2 combo Link and Load	Imperva 1 2 combo packets	Imperva 1 Packets	True/Active
Imperva 1 2 combo link	Imperva combo	Imperva 1 combo packets	Imperva 2 Packets	False/Inactive
Imperva 2 combo packets	IPS 1 combo packets link		Imperva 1 Link Status	True/Active
link load	load		Imperva 2 Link Status	False/Inactive
Activate this Trigger whenever:	e 🔽 TRUE	ACTIVE -	Imperva 1 combo Link and Load	False/Inactive
Make this Trigger True/Active only when	the above conditions have bee	en met continuously for at	Imperva 2 combo Link and Load	False/Inactive
least 0 seconds.		,	Imperva 1 2 combo packets	False/Inactive
	ve only after the above condition	is have not been met continuously for at	Imperva 1 2 combo link status	False/Inactive
least () seconds.			Imperva combo	False/Inactive
When this Trigger is True/Active then ta			Imperva 1 combo packets link load	True/Active
 Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Send an SNMP Trap/Notification 		Imperva 2 combo packets link load	False/Inactive	
Send a Syslog message			IPS 1 combo packets link load	True/Active
Turn on the front-panel Flag LED			IPS 2 combo packets link load	True/Active
Disable the following ports (force li	ink-down):			

Chapter 8 Vodafone NSEC Office Net

Port setup

Port Status										
Port	Name	Link	Speed	Duplex	Negotiate	MDI	Class	Monitor	Status	Setup
1A	To NSU Local	Down			Auto	Auto	Network Bypass	To: 1B From: 1B		Setup
1B	To NSU Local	Up	1G	Full	Auto	Auto	Network Bypass	To: 1A From: 1A	ОК	Setup
2A	To NSU Local	Up	1G	Full	Auto	Auto	Network Bypass	To: 2B From: 2B	ок	Setup
2B	To NSU Local	Up	1G	Full	Auto	Auto	Network Bypass	To: 2A From: 2A	ок	Setup
3A	To NSU Local	Down			Auto	Auto	Network Bypass	To: 3B From: 3B	LinkSafe Enabled	Setup
3B	To NSU Local	Down			Auto	Auto	Network Bypass	To: 3A From: 3A	LinkSafe Enabled	Setup
4A	To NSU Local	Up	1G	Full	Auto	Auto	Network Bypass	To: 4B From: 4B	LinkSafe OK	Setup
4B	To NSU Local	Up	1G	Full	Auto	Auto	Network Bypass	To: 4A From: 4A	LinkSafe OK	Setup
5A	IPS1	Down			Auto	Auto	Network Bypass		LinkSafe Enabled	Setup
5B	IPS1	Down			Auto	Auto	Network Bypass		LinkSafe Enabled	Setup
6A	IPS2	Up	1G	Full	Auto	Auto	Network Bypass		LinkSafe OK	Setup
6B	IPS2	Up	1G	Full	Auto	Auto	Network Bypass		LinkSafe OK	Setup
7A	Imperva 1	Down			Auto	Auto	Bypass Monitor			Setup
7B	Imperva 1	Down			Auto	Auto	Bypass Monitor			Setup
8A	Imperva 2	Up	1G	Full	Auto	Auto	Bypass Monitor		ОК	Setup
8B	Imperva 2	Up	1G	Full	Auto	Auto	Bypass Monitor		ОК	Setup
9A		Down					Bypass Monitor			Setup
9B		Down					Bypass Monitor			Setup
10A		Down					Тар			Setup
10B		Down					Тар			Setup
11A		Down					Bypass Monitor			Setup
11B		Down					Bypass Monitor			Setup
12A		Down					Network Bypass			Setup
12B	Wireshark	Down					Network Bypass			Setup

1A 1B 2A 2f 10B 11A 11B	B 3A 3B 4A 4B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A			
	Port 1A Settings					
Port Class: 📑 🗢	Tap 🔿 Span 🔿 Monit	tor 🔿 vStack+ 🍳 Network	k Bypass 🔘 Bypass Monitor 🔘 Filter Service			
Port Name:	To NSU Local	Туре:	10Base-T/100Base-TX/1000Base-T RJ45			
Auto Negotiate: Auto Negotiation Advertis	On ements	Linksafe:	Enabled Disabled			
🔽 10H 🗹 100H 🔽 1	000H 🗹 Symmetric Pause 000F 🗹 Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled 			
Link state:	 Auto (normal) Force down 		·			
Powersafe power-off state:	Secure: 1A disconnected Connected: 1A <> 1B					
		Save Changes				
1A 1B 2A 2I 10B 11A 11B	B 3A 3B 4A 4B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A			
		Port 1B Settings				
Port Class:]	Tap 🔿 Span 🔿 Moni	tor 🔿 vStack+ 🔍 Network	k Bypass 🔘 Bypass Monitor 🔘 Filter Service			
Port Name:	To NSU Local	Туре:	10Base-T/100Base-TX/1000Base-T RJ45			
Auto Negotiate: Auto Negotiation Advertis	On ements	Linksafe:	 Enabled Disabled 			
🔽 10H 🗹 100H 🔽 1	000H 🗹 Symmetric Pause 000F 🗹 Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled 			
Link state:	Auto (normal) Force down					
Powersafe power-off state:	 Secure: 1B disconnected Connected: 1B <> 1A 					
Save Changes						

1A 1B 2A 2 10B 11A 11B	B 3A 3B 4A 4B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A			
	Port 2A Settings					
Port Class:) Tap 🔿 Span 🔿 Moni	tor 🔿 vStack+ 🍥 Networl	k Bypass 🔘 Bypass Monitor 🔘 Filter Service			
Port Name:	To NSU Local	Туре:	10Base-T/100Base-TX/1000Base-T RJ45			
Auto Negotiate:	☑ On		C Enabled			
Auto Negotiation Advertis	sements	Linksafe:	Oisabled			
	000H 🔽 Symmetric Pause 000F 🗹 Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled 			
Link state:	 Auto (normal) Force down 					
Powersafe power-off state:	 Secure: 2A disconnected Connected: 2A <> 2B 					
		Save Changes				
1A 1B 2A 2 10B 11A 11B	B 3A 3B 4A 4B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A			
		Port 2B Settings				
Port Class: 📘 🗢	Tap 🔿 Span 🔿 Monit	tor 🔘 vStack+ 🔍 Network	Bypass 🔘 Bypass Monitor 🔘 Filter Service			
Port Name:	To NSU Local	Туре:	10Base-T/100Base-TX/1000Base-T RJ45			
Auto Negotiate:	🗹 On	Linksafe:	C Enabled			
Auto Negotiation Advertis		Linksalt.	Disabled			
✓ 10H ✓ 100H ✓ Symmetric Pause ✓ 10F ✓ 100F ✓ Asymmetric Pause						
Link state:	 Auto (normal) Force down 					
Powersafe power-off state:	 Secure: 2B disconnected Connected: 2B <> 2A 					
Save Changes						

1A 1B 2A 2 10B 11A 11B	B 3A 3B 4A 12A 12B	4B 5A	5B 6A	6B	7A 7	'B 8A	8B	9A	9B	10A
	Port 3A Settings									
Port Class:	Tap 🔘 Span 🤇	O Monitor 🔇	vStack+ 🧕	Netwo	rk Bypass	🔘 Вура	ass Mor	nitor	O Filte	er Service
Port Name:	To NSU Local	Туре	:		10Base-	T/100Base	TX/1000)Base-T	RJ45	
Auto Negotiate: Auto Negotiation Advertis	Auto Negotiate: On Linksafe: Disabled									
 ✓ 10H ✓ 10H ✓ 10F ✓ 100F ✓ 10F 	000H 🗹 Symmetric Pau 000F 🗹 Asymmetric Pa		ure Fast Failove	er:	C Ena					
Link state:	 Auto (normal) Force down 									
Powersafe power-off state:	 Secure: 3A disconr Connected: 3A <> 									
			Save Changes							

1A 1B 2A 2 10B 11A 11B	B 3A 3B 4A 4B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A		
		Port 3B Settings			
Port Class:	Tap 🔿 Span 🔿 Moni	tor 🔿 vStack+ 🔍 Network	k Bypass 🔘 Bypass Monitor 🔘 Filter Service		
Port Name:	To NSU Local	Туре:	10Base-T/100Base-TX/1000Base-T RJ45		
Auto Negotiate:	🗹 On	Linksafe:	Enabled		
Auto Negotiation Advertis			O Disabled		
	000H 🗹 Symmetric Pause 000F 🗹 Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled 		
Link state:	 Auto (normal) Force down 				
Powersafe power-off state:	 Secure: 3B disconnected Connected: 3B <> 3A 				
		Save Changes			
1A 1B 2A 2I 10B 11A 11B	B 3A 3B 4A 4B 12A 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A		
		Port 4A Settings			
Port Class:	Tap 🔿 Span 🔿 Moni	tor 🔿 vStack+ 🔍 Network	K Bypass 🔘 Bypass Monitor 🔘 Filter Service		
Port Name:	To NSU Local	Туре:	10Base-T/100Base-TX/1000Base-T RJ45		
Auto Negotiate: Auto Negotiation Advertis	On sements	Linksafe:	Enabled Disabled		
🔽 10H 🗹 100H 🗹 1	000H 🗹 Symmetric Pause 000F 🗹 Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled 		
Link state:	 Auto (normal) Force down 				
Powersafe power-off state:	 Secure: 4A disconnected Connected: 4A <> 4B 				
Save Changes					

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A					
	Port 4B Settings						
Port Class:	tor 🔿 vStack+ 🍥 Networl	k Bypass 🗢 Bypass Monitor 🗢 Filter Service					
Port Name: To NSU Local	Туре:	10Base-T/100Base-TX/1000Base-T RJ45					
Auto Negotiate: On	Linksafe:	Enabled					
Auto Negotiation Advertisements		O Disabled					
▼ 10H ▼ 100H ▼ 1000H ▼ Symmetric Pause ▼ 10F ▼ 100F ▼ 1000F ▼ Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled 					
Link state: Auto (normal) Force down							
Powersafe power-off state: O Secure: 4B disconnected O Connected: 4B <> 4A							
	Save Changes						
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A					
	Port 5A Settings						
Port Class: 📑 🔿 Tap 🔿 Span 🔿 Monitor 🔿 vStack+ 🔍 Network Bypass 🔿 Bypass Monitor 🔿 Filter Service							
Port Name: IPS1	Туре:	10Base-T/100Base-TX/1000Base-T RJ45					
Auto Negotiate: 🔽 On	Linksafe:	Enabled					
Auto Negotiation Advertisements		O Disabled					
✓ 10H ✓ 100H ✓ Symmetric Pause ✓ 10F ✓ 100F ✓ Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled 					
Link state: Auto (normal) Force down							
Save Changes							

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A					
Port 5B Settings							
Port Class: 📙 🔿 Tap 🔿 Span 🔿 Monit	Port Class: 📙 🔿 Tap 🔿 Span 🔿 Monitor 🔿 vStack+ 🖲 Network Bypass 🔿 Bypass Monitor 🔿 Filter Service						
Port Name: IPS1	Туре:	10Base-T/100Base-TX/1000Base-T RJ45					
Auto Negotiate: 🔽 On	Linksafe:	Enabled					
Auto Negotiation Advertisements		O Disabled					
▼ 10H ▼ 100H ▼ 1000H ▼ Symmetric Pause ▼ 10F ▼ 100F ▼ 1000F ▼ Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled 					
Link state: Auto (normal) Force down							
	Save Changes						
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A					
	Port 6A Settings						
Port Class: 📑 O Tap O Span O Monitor O vStack+ O Network Bypass O Bypass Monitor O Filter Service							
Port Name: IPS2	Туре:	10Base-T/100Base-TX/1000Base-T RJ45					
Auto Negotiate: On Auto Negotiation Advertisements	Linksafe:	Enabled Disabled					
▼ 10H ▼ 100H ▼ Symmetric Pause ▼ 10F ▼ 100F ▼ Asymmetric Pause	vAssure Fast Failover:	 Enabled Disabled 					
Link state: Auto (normal) Force down							
Save Changes							

1A 1B 2A 2B 3A 3B 4A 4B 5. 10B 11A 11B 12A 12B <	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A				
	Port 6B Settings					
Port Class: 📑 🔿 Tap 🔿 Span 🔿 Monitor	OvStack+ ONetwor	k Bypass 🔘 Bypass Monitor 🛛 Filter Service				
Port Name: IPS2	/pe:	10Base-T/100Base-TX/1000Base-T RJ45				
Auto Negotiate: On Lir	nksafe:	Enabled Disabled				
▼ 10H ▼ 100H ▼ Symmetric Pause VA ▼ 10F ▼ 100F ▼ Asymmetric Pause VA	Assure Fast Failover:	 Enabled Disabled 				
Link state: Auto (normal) Force down						
	Save Changes					
1A 1B 2A 2B 3A 3B 4A 4B 5/ 10B 11A 11B 12A 12B <	A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A				
	Port 7A Settings					
Port Class: — 🔿 Tap 🔿 Span 🔿 Monitor	⊙ vStack+ ⊙ Network	K Bypass) I Bypass Monitor O Filter Service				
Bypass Monitor Type: O Single-port bypass - 7B	bypass return traffic on this	port Dual-port bypass - bypass return traffic on 				
Port Name: Imperva 1	/pe: 10	Base-T/100Base-TX/1000Base-T RJ45				
Auto Negotiate: On	nksafe:	Enabled				
Auto Negotiation Advertisements						
☑ 10H ☑ 100H ☑ Symmetric Pause Mo ☑ 10F ☑ 100F ☑ Asymmetric Pause □	Image: Construction of the symmetric pause Monitor Port VLAN Tagging: Image: Construction of the symmetric pause Image: Construction of the symmetric pause Image: Construction of the symmetric pause Image: Construction of the symmetric pause Image: Construction of the symmetric pause Image: Construction of the symmetric pause Image: Construction of the symmetric pause Image: Construction of the symmetric pause					
Link state:	ool MAC address:					
Save Changes						

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A					
Port 7B Settings							
Port Class: <— 🔿 Tap 🔿 Span 🔿 Monit	tor 🔿 vStack+ 🔿 Netw	vork Bypass 🔘 Bypass Monitor 🔿 Filter Service					
Bypass Monitor Type: O Single-port bypa	ass - bypass return traffic on t	his port Dual-port bypass - bypass return traffic on 					
Port Name: Imperva 1	Туре:	10Base-T/100Base-TX/1000Base-T RJ45					
Auto Negotiate: I On Advertisements	Linksafe:	 Enabled Disabled 					
▼ 10H ▼ 100H ♥ Symmetric Pause ▼ 10F ♥ 100F ♥ Asymmetric Pause	Monitor Port VLAN Tagging:						
Link state: Auto (normal) Force down	Tool MAC address:						
	Save Changes						
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A					
	Port 8A Settings						
Port Class: 🗕 🔿 Tap 🔿 Span 🔿 Monite	or OvStack+ ONetw	ork Bypass 💿 Bypass Monitor 💿 Filter Service					
Bypass Monitor Type: 📀 Single-port bypass - bypass return traffic on this port 💿 Dual-port bypass - bypass return traffic on 8B							
Port Name: Imperva 2	Туре:	10Base-T/100Base-TX/1000Base-T RJ45					
Auto Negotiate: On Linksafe: Disabled							
✓ 10H ✓ 100H ✓ 1000H ✓ Symmetric Pause Monitor Port VLAN Tagging: ✓ 10F ✓ 100F ✓ 1000F ✓ Asymmetric Pause Insert network port number VLAN tags in monitor port output							
Link state: Auto (normal) Force down	Tool MAC address:						
Save Changes							

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A			
	Port 8B Settings				
Port Class: 🗕 🔿 Tap 🔿 Span 🔿 Monit	tor 🔿 vStack+ 🔿 Netw	ork Bypass 🔘 Bypass Monitor 🛛 Filter Service			
Bypass Monitor Type: O Single-port bypa 8A	ass - bypass return traffic on ti	his port 💿 Dual-port bypass - bypass return traffic on			
Port Name: Imperva 2	Туре:	10Base-T/100Base-TX/1000Base-T RJ45			
Auto Negotiate: On Auto Negotiation Advertisements	Linksafe:	 Enabled Disabled 			
 ✓ 10H ✓ 100H ✓ 100H ✓ Symmetric Pause ✓ 10F ✓ 100F ✓ Asymmetric Pause 	Monitor Port VLAN Tagging:	iber VLAN tags in monitor port output			
Link state: Auto (normal) Force down	Tool MAC address:				
(<u> </u>	Save Changes				
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B	7A 7B 8A 8B 9A 9B 10A			
	Port 9A Settings				
Port Class: — O Tap O Span O Monitor O vStack+ O Network Bypass O Bypass Monitor O Filter Service					
Bypass Monitor Type: O Single-port bypass - bypass return traffic on this port O Dual-port bypass - bypass return traffic on 9B					
Port Name:	Туре:	SFP			
Link state: Auto (normal)	SFP Module Identification:	CL SFP-T (1000Base-T)			
O Force down	Linksafe:	EnabledDisabled			
Monitor Port VLAN Tagging:					
	Tool MAC address:				
Save Changes					

1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A 6B 7A 7B 10B 11A 11B 12A 12B Inclusion Inclusion <td< th=""><th>8A 8B 9A 9B 10A</th></td<>	8A 8B 9A 9B 10A				
Port 9B Settings					
Port Class: 🗧 — 🔿 Tap 🔿 Span 🔿 Monitor 🔿 vStack+ 🔿 Network Bypass 🔅	Bypass Monitor Filter Service				
Bypass Monitor Type: O Single-port bypass - bypass return traffic on this port O DA	ual-port bypass - bypass return traffic on				
Port Name: Type:	SFP				
Link state: Auto (normal) Force down SFP Module Identification:	CL SFP-T (1000Base-T)				
Linksafe:	 Enabled Disabled 				
Monitor Port VLAN Tagging:	n monitor port output				
Tool MAC address:					
Save Changes					
1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A 6B 7A 7B 10B 11A 11B 12A 12B 12	8A 8B 9A 9B 10A				
Port 10A Settings					
Port Class: 📙 🖲 Tap 💿 Span 💿 Monitor 💿 vStack+ 💿 Network Bypass 🛇	Bypass Monitor O Filter Service				
Port Name: Type:	SFP				
Link state: Auto (normal) Force down SFP Module Identification:	CL SFP-T (1000Base-T)				
Linksafe:	EnabledDisabled				
Save Changes					
1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A 6B 7A 7B 10B 11A 11B 12A 12B	8A 8B 9A 9B 10A				
Port 10B Settings					
Port Class: 🔀 🖲 Tap 🔿 Span 🔿 Monitor 🔿 vStack+ 🔿 Network Bypass 🔿 Bypass Monitor 🔿 Filter Service					
Port Name: Type:	SFP				
Link state: Auto (normal) Force down SFP Module Identification:	CL SFP-T (1000Base-T)				
Linksafe:	 Enabled Disabled 				
Save Changes					

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B	5A 5B 6A 6B 7A 7B	8A 8B 9A 9B 10A				
Port 11A Settings						
Port Class: 🗕 – 🔿 Tap 🔿 Span 🔿 Moni	tor OvStack+ ONetwork Bypass	Bypass Monitor Filter Service				
Bypass Monitor Type: O Single-port bypa 11B	ass - bypass return traffic on this port 🛛 🖲 🛛	ual-port bypass - bypass return traffic on				
Port Name:	Туре:	SFP				
Link state: O Auto (normal)	SFP Module Identification:	CL SFP-T (1000Base-T)				
C Force down	Linksafe:	 Enabled Disabled 				
	Monitor Port VLAN Tagging:					
	Tool MAC address:					
	Save Changes					
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B 7A 7B	8A 8B 9A 9B 10A				
	Port 11B Settings					
Port Class: <— 🔿 Tap 🔿 Span 🔿 Monit	or 🔿 vStack+ 🔿 Network Bypass 🕬	Bypass Monitor Filter Service				
Bypass Monitor Type: O Single-port bypass - bypass return traffic on this port 💿 Dual-port bypass - bypass return traffic on 11A						
Port Name:	Туре:	SFP				
Link state: Auto (normal)	SFP Module Identification:	CL SFP-T (1000Base-T)				
O Force down	Linksafe:	 Enabled Disabled 				
Monitor Port VLAN Tagging:						
	Tool MAC address:					
Save Changes						

1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B 12B	5A 5B 6A 6B 7A 7B	8A 8B 9A 9B 10A			
	Port 12A Settings				
Port Class: 📑 🔿 Tap 🔿 Span 🔿 Monito	r 🔿 vStack+ 🔍 Network Bypass 🤇	Bypass Monitor O Filter Service			
Port Name:	Туре:	SFP			
Link state: Auto (normal) Force down	SFP Module Identification:	CL SFP-T (1000Base-T)			
	Linksafe:	 Enabled Disabled 			
	Save Changes				
1A 1B 2A 2B 3A 3B 4A 4B 10B 11A 11B 12A 12B					
	Port 12B Settings				
Port Class: 📑 🔿 Tap 🔿 Span 🔿 Monitor 🔿 v Stack+ 🖲 Network Bypass 🔿 Bypass Monitor 🔿 Filter Service					
Port Name: Wireshark	Туре:	SFP			
Link state: Auto (normal)	SFP Module Identification:	CL SFP-T (1000Base-T)			
	Linksafe:	 Enabled Disabled 			
	Save Changes				

Filtering

				Monitor Filterin	g		
	IPS HC			Filter Name	:		Save Filter
Filter:	Alltraffic			Imperva HC			Delete Filter
	+ Add nev			Filter condit chars): 21	ion length (# o	f	Copy Filter
Condition:	MAC De	st 11223	3445567				A
Quick Detailed	Advan	ced					
Monitor packets to a	or from:						
MAC/E	thernet Address		-or-				
	or IP Address		-or-				
Using protocol(s):							
Any/Ignore	C ICMP	C IGMP	C OSPF	C RSVP	C ARP	C RARP	
C TCP:	П нттр	HTTPS	Telnet	SSH	RSH	FTP	
	SMTP						
C UDP:				NetBIOS			
				Monitor Filterin	g		
				Filter Name	c		Save Filter
	IPS HC Alltraffic	*		Alltraffic			
Filter:	Imperva H	HC 🗉		Citize and	ing langeth (# .		Delete Filter
	+ Add nev	v filter 🔻		chars): 21	tion length (# o	DT	Copy Filter
				· ·			
Condition:	mac of	fset 0 0	mask O				*
							-
Quick Detailed		ced					
Monitor packets to o							
MAC/Et	thernet Address		-or-				
	or IP Address		-or-				
Using protocol(s):							
Any/Ignore	CICMP	CIGMP	C OSPF	C RSVP	CARP	CRARP	
C TCP:	П нттр		Telnet	🗆 ssн	C RSH	FTP	
C TCP:			Telnet	SSH		FTP	

				Monitor Filterin	g		
Filter:							
Condition:						A T	
Quick Detaile Monitor packets to MAC			-or-				
Using protocol(s):		,	,				
Any/Ignore	C ICMP	C IGMP	C OSPF	C RSVP	C ARP	C RARP	
C TCP:	П нттр	HTTPS	Telnet	□ ssн	RSH	FTP	
	SMTP	Рорз				LDAP	
C UDP:				NetBIOS			
			,	Monitor Filterin	a		

				M	Ionitor Filterin	9		
Filter:	webtra IPS HC Alltraffic Imperve			Filter Name: webtraffic Filter condition le	ength (# of chars):	186		Save Filter Delete Filter Copy Filter
Condition:		otocol 6 and or (offset 38					or TCP Dest Port 443 ffset 40 01BB)	or TCP Source Port
Quick	Detailed	Advanced						
Monitor pa	ickets to or	from:						
	MA	C/Ethernet Addres	88	-or-				
		or IP Addres	ss	-or-				
Using prot	ocol(s):		,	,				
O An	y/Ignore	CMP	C IGMP	C OSPF	C RSVP	C ARP	C RARP	
🖲 тс	P:	🗹 НТТР	HTTPS	Telnet	SSH	RSH	FTP	
		SMTP	POP3	NNTP	NNTPS	IRC	LDAP	
© uD	P:	SNMP	NTP	DNS	NetBIOS	TFTP	BOOTP/DHCP	

Load Balancing Settings

MAC/Layer 2 Load-Balancing Methods should:

- Include the packet input port number (best load-balanced distribution)
- C Exclude the packet input port number (if individual sessions might span multiple ports) Layer 3+ Load-Balancing Methods always exclude the packet input port number.

Load-Balancing Groups:

	IPSA]	× Delete this group
	Bypass Monitor Port	Group		O Monitor Port Group	
	Port			Offline if	
	🗴 Select a port 💌	Offline if link down	-or- if Trigger	IPS 1 combo packets link load	▼ is True/Active
	🗴 Select a port 💌	Offline if link down	-or- if Trigger	IPS 2 combo packets link load	▼ is True/Active
	Add new port				
	When any port goes Offlin	ne:			
	• A: Re-balance the loa	d equally among the	remaining onl	ine ports (sessions might move, l	but best load-balance)
	B: Distribute the offlin	ne port's sessions am	ong the remai	ining online ports (other ports' see	ssions remain fixed)
	C: Do not re-balance	or re-distribute - offlin	e port's sessi	ons dropped (other ports' session	ns remain fixed)
	C D: Move all traffic / a	Il sessions to alterna	te Load-Balan	cing Group	
	C E: Move the offline p	ort's sessions only to	a failover por	t from Load-Balancing Group	
	F: Change the offline	port's sessions only t	to "No Bypass	- Direct Passthrough"	
	-	all sessions to "No E		t Passthrough"	
	C H: Change all traffic /	all sessions to "Bloc	k/Drop"		
-	IPSB]	Delete this group
-	IPSB Bypass Monitor Port	Group		O Monitor Port Group	X Delete this group
	··	Group		Monitor Port Group	× Delete this group
	Bypass Monitor Port				Delete this group
	Bypass Monitor Port Port	Offline if link down	-or- if Trigger	Offline if	
	Bypass Monitor Port Port Select a port	Offline if link down	-or- if Trigger	Offline if IPS 1 combo packets link load	is True/Active
	Bypass Monitor Port Port Select a port Select a port Add new port When any port goes Offlin	Offline if link down Offline if link down	-or- if Trigger	Offline if IPS 1 combo packets link load	is True/Active
-	Bypass Monitor Port Port Select a port Select a port Add new port When any port goes Offlin A: Re-balance the load	Offline if link down Offline if link down ne:	-or- if Trigger -or- if Trigger	Offline if IPS 1 combo packets link load	▼ is True/Active ▼ is True/Active
	Bypass Monitor Port Port Select a port Select a port Add new port When any port goes Offlin A: Re-balance the loa B: Distribute the offlin	Offline if link down Offline if link down ne: nd equally among the ne port's sessions am	-or- if Trigger -or- if Trigger remaining onl	Offline if IPS 1 combo packets link load IPS 2 combo packets link load ine ports (sessions might move, l ining online ports (other ports' ses	is True/Active is True/Active is True/Active but best load-balance) ssions remain fixed)
	Bypass Monitor Port Port Select a port Select a port Add new port When any port goes Offlin A: Re-balance the loa B: Distribute the offlin	Offline if link down Offline if link down ne: nd equally among the ne port's sessions am	-or- if Trigger -or- if Trigger remaining onl	Offline if IPS 1 combo packets link load IPS 2 combo packets link load	is True/Active is True/Active is True/Active but best load-balance) ssions remain fixed)
	Bypass Monitor Port Port Select a port Select a port Add new port Men any port goes Offlin A: Re-balance the loa B: Distribute the offlin C: Do not re-balance D: Move all traffic / a	Offline if link down Offline if link down ne: ad equally among the ne port's sessions am or re-distribute - offlin Il sessions to alterna	-or- if Trigger -or- if Trigger remaining onl tong the remaine port's session te Load-Balan	Offline if IPS 1 combo packets link load IPS 2 combo packets link load ine ports (sessions might move, l ining online ports (other ports' session ons dropped (other ports' session cing Group	is True/Active is True/Active is True/Active but best load-balance) ssions remain fixed)
	Bypass Monitor Port Port Select a port Select a port Select a port Add new port When any port goes Offlin A: Re-balance the loa B: Distribute the offlin C: Do not re-balance D: Move all traffic / a E: Move the offline po	Offline if link down Offline if link down ne: ne qually among the ne port's sessions am or re-distribute - offlin Il sessions to alternat ort's sessions only to	-or- if Trigger -or- if Trigger remaining onl tong the remai te port's sessi te Load-Balan a failover por	Offline if IPS 1 combo packets link load IPS 2 combo packets link load ine ports (sessions might move, l ining online ports (other ports' session ons dropped (other ports' session cing Group t from Load-Balancing Group	is True/Active is True/Active is True/Active but best load-balance) ssions remain fixed)
	Bypass Monitor Port Port Select a port Select a port Add new port Add new port Add new port Add new port D: Distribute the offlin C: Do not re-balance D: Move all traffic / a E: Move the offline po F: Change the offline	Offline if link down Offline if link down ne: ad equally among the i ne port's sessions am or re-distribute - offlin Il sessions to alternai ort's sessions only to port's sessions only to	-or- if Trigger -or- if Trigger remaining onl tong the remai te port's sessi te Load-Balan a failover por to "No Bypass	Offline if IPS 1 combo packets link load IPS 2 combo packets link load ine ports (sessions might move, l ining online ports (other ports' ses ons dropped (other ports' session cing Group t from Load-Balancing Group - Direct Passthrough''	is True/Active is True/Active is True/Active but best load-balance) ssions remain fixed)
	Bypass Monitor Port Port Select a port Select a port Add new port Add new port Add new port Add new port D: Distribute the offlin C: Do not re-balance D: Move all traffic / a E: Move the offline po F: Change the offline	Offline if link down Offline if link down ne: ad equally among the ne port's sessions am or re-distribute - offlin Il sessions to alterna ort's sessions only to port's sessions only fo all sessions to "No E	-or- if Trigger -or- if Trigger remaining onl tong the remai te port's sessi te Load-Balan a failover por to "No Bypass Bypass - Direc	Offline if IPS 1 combo packets link load IPS 2 combo packets link load ine ports (sessions might move, l ining online ports (other ports' ses ons dropped (other ports' session cing Group t from Load-Balancing Group - Direct Passthrough''	is True/Active is True/Active is True/Active but best load-balance) ssions remain fixed)

	Imperva A	😕 Delete this group
	Bypass Monitor Port Group	C Monitor Port Group
	Port	Offline if
	X (Imperva 1) Voffline if link down -or- if Trigger	Imperva 1 combo packets link load 💌 is True/Active
	8A (Imperva 2) 💌 Offline if link down -or- if Trigger	Imperva 2 combo packets link load 💌 is True/Active
	Add new port	
	 When any port goes Offline: A: Re-balance the load equally among the remaining onli B: Distribute the offline port's sessions among the remain C: Do not re-balance or re-distribute - offline port's session D: Move all traffic / all sessions to alternate Load-Balance E: Move the offline port's sessions only to a failover port F: Change the offline port's sessions only to "No Bypass G: Change all traffic / all sessions to "No Bypass - Direct H: Change all traffic / all sessions to "Block/Drop" 	ning online ports (other ports' sessions remain fixed) ons dropped (other ports' sessions remain fixed) cing Group t from Load-Balancing Group - Direct Passthrough''
-	Imperva B	🗵 Delete this group
	Bypass Monitor Port Group	O Monitor Port Group
	Port	Offline if
	🛛 💌 7B (Imperva 1) 💌 Offline if link down -or- if Trigger	Imperva 1 combo packets link load 💌 is True/Active
	🗴 8B (Imperva 2) 🐷 Offline if link down -or- if Trigger	Imperva 2 combo packets link load 💌 is True/Active
	Add new port	
	When any port goes Offline: • A: Re-balance the load equally among the remaining only • B: Distribute the offline port's sessions among the remain • C: Do not to balance or to distribute, offline port's sessions	

Bypass Monitor Settings

Trigger: ^O Always	Only when: General	passthrou 💌 🖸 is True/Active 🤎 is False/Inactive		
webtraffic 🔹	3B: To NSU Local 💌	Method: Load-Balance to several Bypass Monitor ports Load Balancing Type: IP Dest+Source, & TCP/UDP Dest+Source Load-Balancing Group: Imperva B	Load Balancing Type: None (output to all selected ports) Ports:	▲▲
Trigger: ^O Always	Only when: General	passthrou 🔹 🔿 is True/Active 🔎 is False/Inactive		
webtraffic 💌	4A: To NSU Local 💌	Method: Load-Balance to several Bypass Monitor ports Load Balancing Type: MAC Dest+Source, EType and input port Load-Balancing Group: Imperva A	Load Balancing Type: None (output to all selected ports)	▲▲▲
Trigger: 🔘 Always	Only when: General	passthrou 💌 🔿 is True/Active 🔎 is False/Inactive		
webtraffic 💌	4B: To NSU Local 💌	Method: Load-Balance to several Bypass Monitor ports Load Balancing Type: MAC Dest+Source, EType and input port Load-Balancing Group: Imperva B	Load Balancing Type: None (output to all selected ports) Ports:	★
Trigger: 🔘 Always	Only when: General	passthrou 💌 🔿 is True/Active 🤎 is False/Inactive		
(Nonmatch) 💌	1A: To NSU Local 💌	Method: Load-Balance to several Bypass Monitor ports Load Balancing Type: IP Dest+Source, & TCP/UDP Dest+Source Load-Balancing Group: IPSA	Load Balancing Type: None (output to all selected ports)	▲▲▲
Trigger: C Always	Only when: General	passthrou 💌 😳 is True/Active 🤎 is False/Inactive		
(Nonmatch)	1B: To NSU Local 💌	Method: Load-Balance to several Bypass Monitor ports Load Balancing Type: IP Dest+Source, & TCP/UDP Dest+Source Load-Balancing Group: IPSB	Load Balancing Type: None (output to all selected ports) Ports:	★

Trigger: C Always © Only when: General passthro	▼ C is True/Active is False/Inactive
(Nonmatch) 2A: To NSU Local Load Bala IP Dest	alance to several Bypass Monitor ports Load Balancing Type: None (output to all selected ports) Source, & TCP/UDP Dest+Source Ports: ncing Group:
Trigger: C Always 🔎 Only when: General passthro	▼ C is True/Active
(Nonmatch) 2B: To NSU Local Load Bala IP Dest	alance to several Bypass Monitor ports Load Balancing Type: Load Balancing Type: None (output to all selected ports) Cource, & TCP/UDP Dest+Source Cource C
Trigger: C Always © Only when: General passthro	💌 🔿 is True/Active 🤎 is False/Inactive
(Nonmatch)	alance to several Bypass Monitor ports Load Balancing Type: None (output to all selected ports) Cource, & TCP/UDP Dest+Source Cource C
Trigger: C Always 🔎 Only when: General passthro	💌 🖸 is True/Active 🤎 is False/Inactive
(Nonmatch)	alance to several Bypass Monitor ports Load Balancing Type: Source, & TCP/UDP Dest+Source ncing Group:
Trigger: C Always © Only when: General passthro	▼ ○ is True/Active ● is False/Inactive
(Nonmatch) 4A: To NSU Local AAC D	alance to several Bypass Monitor ports Load Balancing Type: None (output to all selected ports) st+Source, EType and input port ncing Group:

Trigger: C Always C Only when: General passthrou C is True/Active is False/Inactive	
(Nonmatch) 4B: To NSU Local Mathod: Load-Balance to several Bypass Monitor ports Load Balancing Type: MAC Dest+Source, EType and input port Import Content of the several Bypass Monitor ports Load Balancing Type: None (output to all selected ports) Ports: Ports:]
Trigger: 🗘 Always 🍳 Only when: General passthrou 💌 🍳 is True/Active 😳 is False/Inactive	
(Nonmatch) IA: To NSU Local Direct tap passthrough from 1A to 1B Load Balancing Type: None (output to all selected ports) Ports:]
Trigger: C Always 🖲 Only when: General passthrou 💌 🍳 is True/Active C is False/Inactive	
(Nonmatch) IB: To NSU Local IB: To NSU Local No bypass; direct passthrough Direct tap passthrough from 1B to 1A Load Balancing Type: None (output to all selected ports) Ports:]
Trigger: C Always 🔎 Only when: General passthrou 💌 🍳 is True/Active C is False/Inactive	
Method: Load Balancing Type: (Nonmatch) 2A: To NSU Local Direct tap passthrough from 2A to 2B Load Balancing Type: None (output to all selected ports) Ports: Ports:]
Trigger: C Always 🖲 Only when: General passthrou 💌 🍳 is True/Active C is False/Inactive	
Method: Load Balancing Type: (Nonmatch) 2B: To NSU Local Direct tap passthrough from 2B to 2A Load Balancing Type: None (output to all selected ports) Ports:] ≥
Trigger: C Always 🍳 Only when: General passthrou 🔽 🍳 is True/Active 😳 is False/Inactive	
(Nonmatch) 3A: To NSU Local Direct tap passthrough from 3A to 3B Load Balancing Type: None (output to all selected ports) Ports:]
Trigger: C Always Conly when: General passthrol 🗸 C is False/Inactive	
Method: Load Balancing Type: (Nonmatch) 3B: To NSU Local Direct tap passthrough from 3B to 3A Ports:	📤
Trigger: C Always C Only when: General passthrol 💌 C is False/Inactive	
(Nonmatch) 4A: To NSU Local Direct tap passthrough from 4A to 4B Method: No bypass; direct passthrough Direct tap passthrough from 4A to 4B Load Balancing Type: None (output to all selected ports) Ports: Load Balancing Type: None (output to all selected ports) Ports:] 🕺
Trigger: C Always 🔎 Only when: General passthrol 💌 🄍 is True/Active 🖤 is False/Inactive	
(Nonmatch) 4B: To NSU Local Direct tap passthrough from 4B to 4A	*

Monitor Settings

Filter Expression	Network Port Input	Monitor Port Output	Rank
Trigger: C Always C Or	aly when:		
(Unfiltered)	V 10A V 10B	Load Balancing Type: None (output to all selected ports) Ports:	×
		Add new ma	apping 눱
	Save Settin	ngs	

Triggers

	Trigger Polici	es
1: General passthrough	×	
2	E	
3: IPS 1 Packets		Trigger Name:
4: IPS 2 Packets		General passthrough
5: IPS 1 Load		
6: IPS 2 Load		Save Trigger Erase Trigger
7		
8: IPS 1 Link Status	Ψ.	
This Trigger will be True/Active: Base	d upon other Trigge	rs 💌
Selected Trigger(s):		
IPS 1 Packets	IPS 2 Packets	IPS 1 Load
IPS 2 Load	IPS 1 Link Status	IPS 2 Link Status
IPS 1 combo Link and Load	IPS 2 combo Link and	Load 🗖 IPS 1 2 combo packets
🔲 IPS 1 2 combo link status	IPS combo	🗖 Imperva 1 Load
Imperva 2 Load	Imperva 1 Packets	Imperva 2 Packets
Imperva 1 Link Status	Imperva 2 Link Statu	Imperva 1 combo Link and
E		Load
and Load	Imperva 1 2 combo p	ackets La Imperva 1 2 combo link status
Imperva combo	Imperva 1 combo pao Ik load	kets Imperva 2 combo packets link load
IPS 1 combo packets link load	IPS 2 combo packets ad	link
Activate this Trigger whenever:		TRUE/ACTIVE
Make this Trigger True/Active only when least 0 seconds.	the above conditions h	ave been met continuously for at
Revert this Trigger back to False/Inactive least 60 seconds.	e only after the above c	onditions have not been met continuously for at
When this Trigger is True/Active then tak		nditioned on this Trigger.

Current Trigger States

True/Active

True/Active

True/Active

False/Inactive

False/Inactive

True/Active

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

True/Active

Seneral passthrough

PS 1 Packets

PS 2 Packets

IPS 1 Load

IPS 2 Load

PS combo

Imperva 1 Load

mperva 2 Load

mperva 1 Packets

mperva 2 Packets

mperva 1 Link Status

mperva 2 Link Status

mperva 1 combo Link and Load

mperva 2 combo Link and Load

Imperva 1 2 combo packets

Imperva combo

mperva 1 2 combo link status

mperva 1 combo packets link load

PS 1 combo packets link load

S 2 combo packets link load

PS 1 Link Status

IPS 2 Link Status

IPS 1 combo Link and Load

IPS 2 combo Link and Load

PS 1 2 combo packets

IPS 1 2 combo link status

Send an SNMP Trap/Notification

Send a Syslog message

Trigger Pol	licies			
1: General passthrough 2 3: IPS 1 Packets	Trigger Name:			
4: IPS 2 Packets 5: IPS 1 Load 6: IPS 2 Load 7 8: IPS 1 Link Status	IPS 1 Packets Save Trigger Erase Trigger			
This Trigger will be True/Active: Based upon a Hea	alth Check packet test 🔹			
Send a Health-Check packet every 2 seconds. Wait 1 seconds for a return/reply packet. Trigger False/Inactive if: A return packet is received (upstream response test) No return packet is received (upstream filtering test) Trigger True/Active: If no return/reply packet is received after 2 attempts Initial state: False/Inactive (initially assume success) True/Active (initially assume failure) Send the Health-Check packet on these ports: 7A 7B 8A 8B 9A 9B 11A 11B				
000000000000000000000000000000000000000	00000000000000000000000000000000000000			
Check for a return/reply packet on these ports: 7A 7B 8A 8B 9A 9B Return/reply packet filter condition: (mac source <this tap=""> OR mac destination IPS HC)</this>				

Current Trigger States		
General passthrough	True/Active	
IPS 1 Packets	True/Active	
IPS 2 Packets	True/Active	
IPS 1 Load	False/Inactive	
IPS 2 Load	False/Inactive	
IPS 1 Link Status	True/Active	
IPS 2 Link Status	False/Inactive	
IPS 1 combo Link and Load	False/Inactive	
IPS 2 combo Link and Load	False/Inactive	
IPS 1 2 combo packets	True/Active	
IPS 1 2 combo link status	False/Inactive	
IPS combo	True/Active	
Imperva 1 Load	False/Inactive	
Imperva 2 Load	False/Inactive	
Imperva 1 Packets	True/Active	
Imperva 2 Packets	False/Inactive	
Imperva 1 Link Status	True/Active	
Imperva 2 Link Status	False/Inactive	
Imperva 1 combo Link and Load	False/Inactive	
Imperva 2 combo Link and Load	False/Inactive	
Imperva 1 2 combo packets	False/Inactive	
Imperva 1 2 combo link status	False/Inactive	
Imperva combo	False/Inactive	
Imperva 1 combo packets link load	True/Active	
Imperva 2 combo packets link load	False/Inactive	
IPS 1 combo packets link load	True/Active	
IPS 2 combo packets link load	True/Active	

Trigger Policies	Current Trigger S	tates
1: General passthrough	General passthrough	Tru
	IPS 1 Packets	Tru
3: IPS 1 Packets Trigger Name: 4: IPS 2 Packets IPS 2 Packets	IPS 2 Packets	Tru
5: IPS 1 Load	IPS 1 Load	Fal
6: IPS 2 Load	IPS 2 Load	Fal
	IPS 1 Link Status	Tru
8: IPS 1 Link Status		
This Trigger will be True/Active: Based upon a Health Check packet test	IPS 2 Link Status	Fal
	IPS 1 combo Link and Load	Fal
Send a Health-Check packet every 2 seconds.	IPS 2 combo Link and Load	Fal
Wait 1 seconds for a return/reply packet.	IPS 1 2 combo packets	Tru
Trigger False/Inactive if:	IPS 1 2 combo link status	Fal
A return packet is received (upstream response test)	IPS combo	Tru
No return packet is received (upstream filtering test)	Imperva 1 Load	Fal
Trigger True/Active: If no return/reply packet is received after 2 attempts	Imperva 2 Load	Fal
Initial state:	Imperva 1 Packets	Tru
False/Inactive (initially assume success) True/Active (initially assume failure)	Imperva 2 Packets	Fal
Send the Health-Check packet on these ports:	Imperva 1 Link Status	Tru
	Imperva 2 Link Status	Fal
Health-Check packet data:	Imperva 1 combo Link and Load	Fal
Mac Destination: 112233445566	Imperva 2 combo Link and Load	Fal
Mac Source (this tap): 0004F3030000	Imperva 1 2 combo packets	Fal
Etype: 0800	Imperva 1 2 combo link status	Fal
Payload: 000000000000000000000000000000000000	Imperva combo	Fal
Check for a return/reply packet on these ports:	Imperva 1 combo packets link load	Tru
□ 7A □ 7B □ 8A □ 8B □ 9A □ 9B □ 11A □ 11B	Imperva 2 combo packets link load	Fal
Return/reply packet filter condition: (mac source <this tap=""> OR mac destination <this tap="">) AND (</this></this>	IPS 1 combo packets link load	Tru
(mac source chils tap> or mac destination chils tap>) And (IPS HC)	IPS 2 combo packets link load	Tru

True/Active

True/Active True/Active False/Inactive False/Inactive True/Active False/Inactive

False/Inactive

False/Inactive

False/Inactive True/Active False/Inactive False/Inactive False/Inactive True/Active True/Active

False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

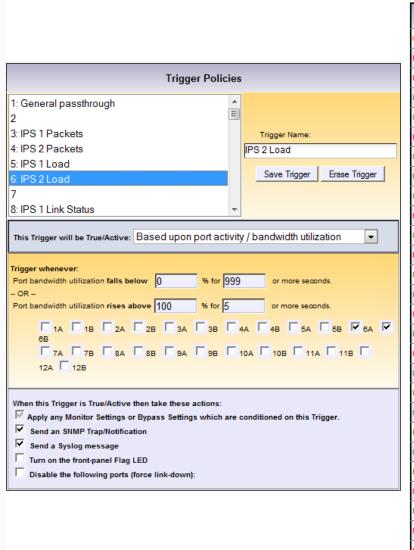
False/Inactive

True/Active

True/Active

Trigger Policies			
1: General passthrough 2 3: IPS 1 Packets 4: IPS 2 Packets 5: IPS 1 Load 6: IPS 2 Load 7	Trigger Name: IPS 1 Load Save Trigger Erase Trigger		
8: IPS 1 Link Status	y / bandwidth utilization		
Trigger whenever: Port bandwidth utilization falls below 0 % for 9999 or more seconds. - OR Port bandwidth utilization rises above 100 % for 5 or more seconds. 1A 1B 2A 2B 3A 3B 4A 4B ✓ 5A ✓ 5B 6A 6B 7A 7B 8A 8B 9A 9B 10A 10B 11A 11B 12A 12B 12B 10A 10B 11A 11B 11A			
When this Trigger is True/Active then take these actions: Image: Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Image: Send an SNMP Trap/Notification Image: Send a Syslog message Image: Turn on the front-panel Flag LED Image: Disable the following ports (force link-down):			

Current Trigger States		
General passthrough	True/Active	
IPS 1 Packets	True/Active	
IPS 2 Packets	True/Active	
IPS 1 Load	False/Inactive	
IPS 2 Load	False/Inactive	
IPS 1 Link Status	True/Active	
IPS 2 Link Status	False/Inactive	
IPS 1 combo Link and Load	False/Inactive	
IPS 2 combo Link and Load	False/Inactive	
IPS 1 2 combo packets	True/Active	
IPS 1 2 combo link status	False/Inactive	
IPS combo	True/Active	
Imperva 1 Load	False/Inactive	
Imperva 2 Load	False/Inactive	
Imperva 1 Packets	True/Active	
Imperva 2 Packets	False/Inactive	
Imperva 1 Link Status	True/Active	
Imperva 2 Link Status	False/Inactive	
Imperva 1 combo Link and Load	False/Inactive	
Imperva 2 combo Link and Load	False/Inactive	
Imperva 1 2 combo packets	False/Inactive	
Imperva 1 2 combo link status	False/Inactive	
Imperva combo	False/Inactive	
Imperva 1 combo packets link load	True/Active	
Imperva 2 combo packets link load	False/Inactive	
IPS 1 combo packets link load	True/Active	
IPS 2 combo packets link load	True/Active	



Current Trigger States		
General passthrough	True/Active	
IPS 1 Packets	True/Active	
IPS 2 Padkets	True/Active	
IPS 1 Load	False/Inactive	
IPS 2 Load	False/Inactive	
IPS 1 Link Status	True/Active	
IPS 2 Link Status	False/Inactive	
IPS 1 combo Link and Load	False/Inactive	
IPS 2 combo Link and Load	False/Inactive	
IPS 1 2 combo packets	True/Active	
IPS 1 2 combo link status	False/Inactive	
IPS combo	True/Active	
Imperva 1 Load	False/Inactive	
Imperva 2 Load	False/Inactive	
Imperva 1 Packets	True/Active	
Imperva 2 Packets	False/Inactive	
Imperva 1 Link Status	True/Active	
Imperva 2 Link Status	False/Inactive	
Imperva 1 combo Link and Load	False/Inactive	
Imperva 2 combo Link and Load	False/Inactive	
Imperva 1 2 combo packets	False/Inactive	
Imperva 1 2 combo link status	False/Inactive	
Imperva combo	False/Inactive	
Imperva 1 combo packets link load	True/Active	
Imperva 2 combo packets link load	False/Inactive	
IPS 1 combo packets link load	True/Active	
IPS 2 combo packets link load	True/Active	

		Current Trigger St	Current Trigger States	
		General passthrough	Tru	
		IPS 1 Packets	Tru	
Iriç	gger Policies	IPS 2 Packets	Tru	
1: General passthrough		IPS 1 Load	Fal	
2		IPS 2 Load	Fal	
3: IPS 1 Packets 4: IPS 2 Packets	Trigger Name:	IPS 1 Link Status	Tru	
5: IPS 1 Load		IPS 2 Link Status	Fal	
6: IPS 2 Load	Save Trigger Erase Trigger	IPS 1 combo Link and Load	Fal	
7		IPS 2 combo Link and Load	Fal	
8: IPS 1 Link Status	•			
This Trigger will be True/Active: Based up	on port link up/down	IPS 1 2 combo packets	Tru	
		IPS 1 2 combo link status	Fal	
Trigger whenever:		IPS combo	Tru	
ANY of these ports are ONLINE (link up)		Imperva 1 Load	Fal	
ALL of these ports are ONLINE (link up) ANY of these ports are OFFLINE (link down		Imperva 2 Load	Fal	
C ALL of these ports are OFFLINE (link down	* · · · · · · · · · · · · · · · · · · ·	Imperva 1 Packets	Tru	
	□ 3B □ 4A □ 4B ▼ 5A ▼ 5B □ 6A □	Imperva 2 Packets	Fal	
6B	98 10A 108 11A 11B	Imperva 1 Link Status	Tru	
		Imperva 2 Link Status	Fal	
		Imperva 1 combo Link and Load	Fal	
When this Trigger is True/Active then take the	ese actions:	Imperva 2 combo Link and Load	Fal	
Apply any Monitor Settings or Bypass Set	tings which are conditioned on this Trigger.	Imperva 1 2 combo packets	Fal	
Send an SNMP Trap/Notification		Imperva 1 2 combo link status	Fal	
Turn on the front-panel Flag LED		Imperva combo	Fa	
Disable the following ports (force link-do	wn):	Imperva 1 combo packets link load	Tru	
		Imperva 2 combo packets link load	Fal	
		IPS 1 combo packets link load	Tru	
		IPS 2 combo packets link load	Tru	

True/Active True/Active True/Active False/Inactive False/Inactive False/Inactive False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive True/Active False/Inactive False/Inactive False/Inactive True/Active False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

		General p
Trigger Po	licios	IPS 1 Pad
nigger Fo		IPS 2 Pac
6: IPS 2 Load	^	IPS 1 Loa
7		IPS 2 Loa
3: IPS 1 Link Status	Trigger Name:	IPS 1 Link
9: IPS 2 Link Status 10: IPS 1 combo Link and Load	IPS 2 Link Status	
11: IPS 2 combo Link and Load	Save Trigger Erase Trigger	IPS 2 Link
12: IPS 1 2 combo packets		IPS 1 com
13: IPS 1 2 combo link status	-	IPS 2 com
		IPS 1 2 co
This Trigger will be True/Active: Based upon port I	link up/down	IPS 1 2 cc
frigger whenever:		IPS comb
ANY of these ports are ONLINE (link up)		Imperva 1
C ALL of these ports are ONLINE (link up)		Imperva 2
ANY of these ports are OFFLINE (link down)		
C ALL of these ports are OFFLINE (link down)		Imperva 1
		Imperva 2
12A 12B		
		Imperva 1
When this Trigger is True/Active then take these action	5:	Imperva 2
Apply any Monitor Settings or Bypass Settings which	ch are conditioned on this Trigger.	Imperva 1
Send an SNMP Trap/Notification		Imperva 1
Send a Syslog message Turn on the front-panel Flag LED		
Disable the following ports (force link-down):		Imperva o
		Imperva 1
		Imperva 2
		IPS 1 com

	Current Trigger States		
	General passthrough	True/Active	
	IPS 1 Packets	True/Active	
	IPS 2 Packets	True/Active	
	IPS 1 Load	False/Inactive	
	IPS 2 Load	False/Inactive	
	IPS 1 Link Status	True/Active	
gger	IPS 2 Link Status	False/Inactive	
yyei	IPS 1 combo Link and Load	False/Inactive	
	IPS 2 combo Link and Load	False/Inactive	
	IPS 1 2 combo packets	True/Active	
•	IPS 1 2 combo link status	False/Inactive	
	IPS combo	True/Active	
	Imperva 1 Load	False/Inactive	
	Imperva 2 Load	False/Inactive	
	Imperva 1 Packets	True/Active	
A 🔽	Imperva 2 Packets	False/Inactive	
1	Imperva 1 Link Status	True/Active	
	Imperva 2 Link Status	False/Inactive	
	Imperva 1 combo Link and Load	False/Inactive	
	Imperva 2 combo Link and Load	False/Inactive	
	Imperva 1 2 combo packets	False/Inactive	
	Imperva 1 2 combo link status	False/Inactive	
	Imperva combo	False/Inactive	
	Imperva 1 combo packets link load	True/Active	
	Imperva 2 combo packets link load	False/Inactive	
	IPS 1 combo packets link load	True/Active	
	IPS 2 combo packets link load	True/Active	

	Trigger Policies	
6: IPS 2 Load 7 8: IPS 1 Link Status 9: IPS 2 Link Status 10: IPS 1 combo Link and Load 11: IPS 2 combo Link and Load 12: IPS 1 2 combo packets 13: IPS 1 2 combo link status This Trigger will be True/Active: Bas		Trigger Name: 3 1 combo Link and Load Save Trigger Erase Trigger
Selected Trigger(s): General passthrough IPS 1 Load IPS 2 Link Status IPS 1 2 combo link status Imperva 2 Load Imperva 2 Load Imperva 2 combo Link and Load Imperva combo IPS 1 combo packets link load Activate this Trigger whenever:	IPS combo Imperva 1 Packets Imperva 2 Link Status Imperva 1 2 combo packets Imperva 1 combo packet Imperva 1 combo packet	link load
All of the selected triggers a Make this Trigger True/Active only whe least seconds.	ive only after the above conditions have	itions have not been met continuously for at

Current Trigger States			
General passthrough	True/Active		
IPS 1 Packets	True/Active		
IPS 2 Packets	True/Active		
IPS 1 Load	False/Inactive		
IPS 2 Load	False/Inactive		
IPS 1 Link Status	True/Active		
IPS 2 Link Status	False/Inactive		
IPS 1 combo Link and Load	False/Inactive		
IPS 2 combo Link and Load	False/Inactive		
IPS 1 2 combo packets	True/Active		
IPS 1 2 combo link status	False/Inactive		
IPS combo	True/Active		
Imperva 1 Load	False/Inactive		
Imperva 2 Load	False/Inactive		
Imperva 1 Packets	True/Active		
Imperva 2 Packets	False/Inactive		
Imperva 1 Link Status	True/Active		
Imperva 2 Link Status	False/Inactive		
Imperva 1 combo Link and Load	False/Inactive		
Imperva 2 combo Link and Load	False/Inactive		
Imperva 1 2 combo packets	False/Inactive		
Imperva 1 2 combo link status	False/Inactive		
Imperva combo	False/Inactive		
Imperva 1 combo packets link load	True/Active		
Imperva 2 combo packets link load	False/Inactive		
IPS 1 combo packets link load	True/Active		
IPS 2 combo packets link load	True/Active		

Trigger Policies	Current Trigger St	tates
6: IPS 2 Load	General passthrough	True
8: IPS 1 Link Status	IPS 1 Packets	True
9: IPS 2 Link Status 10: IPS 1 combo Link and Load	IPS 2 Packets	True
Save Trigger Erase Trigger 12: IPS 1 2 combo packets Save Trigger	IPS 1 Load	Fals
13: IPS 1 2 combo link status	IPS 2 Load	Fals
This Trigger will be True/Active: Based upon other Triggers	IPS 1 Link Status	True
	IPS 2 Link Status	Fals
Selected Trigger(s):	IPS 1 combo Link and Load	Fals
General passthrough IPS 1 Packets IPS 2 Packets	IPS 2 combo Link and Load	Fals
IPS 1 Load IPS 2 Load IPS 1 Link Status	IPS 1 2 combo packets	True
IPS 2 Link Status IPS 1 combo Link and Load IPS 1 2 combo packets	IPS 1 2 combo link status	Fals
IPS 1 2 combo link status IPS combo Imperva 1 Load	IPS combo	True
Imperva 2 Load Imperva 1 Packets Imperva 2 Packets	Imperva 1 Load	Fals
Imperva 1 Link Status Imperva 2 Link Status Load	Imperva 2 Load	Fals
Load packets I 2 combo Link and packets status	Imperva 1 Packets	True
Imperva combo Ink load Ink load Ink load	Imperva 2 Packets	Fals
IPS 1 combo packets link	Imperva 1 Link Status	True
load load	Imperva 2 Link Status	Fals
Activate this Trigger whenever: All v of the selected triggers are TRUE/ACTIVE v	Imperva 1 combo Link and Load	Fals
Make this Trigger True/Active only when the above conditions have been met continuously for at	Imperva 2 combo Link and Load	Fals
least 0 seconds.	Imperva 1 2 combo packets	Fals
Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at	Imperva 1 2 combo link status	Fals
least 0 seconds.	Imperva combo	Fals
When this Trigger is True/Active then take these actions:	Imperva 1 combo packets link load	True
 ✓ Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. ✓ Send an SNMP Trap/Notification 	Imperva 2 combo packets link load	Fals
Send a Syslog message	IPS 1 combo packets link load	True
Turn on the front-panel Flag LED	IPS 2 combo packets link load	True
Disable the following ports (force link-down):	n o z comoo packets mix toad	- The

True/Active

True/Active True/Active False/Inactive False/Inactive

True/Active

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive True/Active

False/Inactive False/Inactive

True/Active False/Inactive

True/Active False/Inactive

False/Inactive

False/Inactive False/Inactive

False/Inactive False/Inactive

True/Active

False/Inactive

True/Active True/Active

	Trigger Policies		Current Trigger St	ates
6: IPS 2 Load 7 8: IPS 1 Link Status 9: IPS 2 Link Status 10: IPS 1 combo Link and Load 11: IPS 2 combo Link and Load 12: IPS 1 2 combo packets 13: IPS 1 2 combo link status	IPS 12	iger Name: 2 combo packets ive Trigger Erase Trigger	General passthrough IPS 1 Packets IPS 2 Packets IPS 1 Load IPS 2 Load	True True True Fals
This Trigger will be True/Active: Bas	sed upon other Triggers	•	IPS 1 Link Status	True
Selected Trigger(s):			IPS 2 Link Status IPS 1 combo Link and Load	Fals
General passthrough	IPS 1 Packets	IPS 2 Packets IPS 1 Link Status	IPS 2 combo Link and Load IPS 1 2 combo packets	Fals True
	IPS combo	IPS 2 combo Link and Load Imperva 1 Load	IPS 1 2 combo link status	Fals True
Imperva 2 Load	Imperva 1 Packets	Imperva 2 Packets Imperva 1 combo Link and Load	Imperva 1 Load	Fals
Imperva 2 combo Link and Load	I Imperva 1 2 combo packets	Imperva 1 2 combo link status Imperva 2 combo packets	Imperva 1 Packets	True
IPS 1 combo packets link	link load	link load	Imperva 1 Link Status	True
Activate this Trigger whenever:	re 🔽 TRUE	/ACTIVE	Imperva 2 Link Status Imperva 1 combo Link and Load	False
Make this Trigger True/Active only whe	en the above conditions have bee	en met continuously for at	Imperva 2 combo Link and Load Imperva 1 2 combo packets	False
Revert this Trigger back to False/Inact least 0 seconds.	ive only after the above condition	is have not been met continuously for at	Imperva 1 2 combo link status	False
When this Trigger is True/Active then the apply any Monitor Settings or Byp. Send an SNMP Trap/Notification Send a Syslog message		ed on this Trigger.	Imperva 1 combo packets link load Imperva 2 combo packets link load	True
Turn on the front-panel Flag LED Disable the following ports (force	link-down):		IPS 1 combo packets link load	True

True/Active True/Active True/Active False/Inactive False/Inactive True/Active False/Inactive False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive

False/Inactive

False/Inactive False/Inactive False/Inactive False/Inactive

True/Active

	Trigger Policies		Current Trigger St	ates
8: IPS 1 Link Status 9: IPS 2 Link Status	*		General passthrough	True
10: IPS 1 combo Link and Load		gger Name:	IPS 1 Packets	True
11: IPS 2 combo Link and Load 12: IPS 1 2 combo packets	IPS 12	2 combo link status	IPS 2 Packets	True
13: IPS 1 2 combo link status	Sa	ave Trigger Erase Trigger	IPS 1 Load	Fals
14: IPS combo 15: Imperva 1 Load	-		IPS 2 Load	Fals
This Trigger will be True/Active: Bas	ad upon other Triggers	•	IPS 1 Link Status	True
This frigger will be frue/Active: Dat	sed upon other ringgers		IPS 2 Link Status	Fals
Selected Trigger(s):			IPS 1 combo Link and Load	Fals
General passthrough	IPS 1 Packets	IPS 2 Packets	IPS 2 combo Link and Load	Fals
IPS 1 Load	IPS 2 Load	IPS 1 Link Status	IPS 1 2 combo packets	True
IPS 2 Link Status		IPS 2 combo Link and Load	IPS 1 2 combo link status	Fals
IPS 1 2 combo packets	IPS combo	Imperva 1 Load	IPS combo	True
Imperva 2 Load	Imperva 1 Packets	Imperva 2 Packets	Imperva 1 Load	Fals
Imperva 1 Link Status	Imperva 2 Link Status	Imperva 1 combo Link and Load	Imperva 2 Load	Fals
Imperva 2 combo Link and Load	I Imperva 1 2 combo packets	Imperva 1 2 combo link status	Imperva 1 Packets	True
Imperva combo	Imperva 1 combo packets	Imperva 2 combo packets	Imperva 2 Packets	Fals
IPS 1 combo packets link	IPS 2 combo packets link		Imperva 1 Link Status	True
load	load		Imperva 2 Link Status	Fals
Activate this Trigger whenever:	re 🔽 TRUE	ACTIVE	Imperva 1 combo Link and Load	Fals
Make this Trigger True/Active only wh	en the above conditions have be	en met continuously for at	Imperva 2 combo Link and Load	Fals
east 0 seconds.			Imperva 1 2 combo packets	Fals
	tive only after the above condition	ns have not been met continuously for at	Imperva 1 2 combo link status	Fals
east () seconds.			Imperva combo	Fals
When this Trigger is True/Active then			Imperva 1 combo packets link load	True
Apply any Monitor Settings or Byp Send an SNMP Trap/Notification	ass Settings which are condition	ed on this Trigger.	Imperva 2 combo packets link load	Fals
Send a Syslog message			IPS 1 combo packets link load	True
Turn on the front-panel Flag LED				
Disable the following ports (force	link-down):		IPS 2 combo packets link load	Tru

True/Active True/Active True/Active False/Inactive False/Inactive True/Active False/Inactive False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive

True/Active

	Trigger Policies		Current Trigger St
8: IPS 1 Link Status 9: IPS 2 Link Status 10: IPS 1 combo Link and Load	 ⊡ Trig	iger Name:	General passthrough
11: IPS 2 combo Link and Load 12: IPS 1 2 combo packets	IPS co	mbo	IPS 2 Packets
13: IPS 1 2 combo link status 14: IPS combo	Sa	ave Trigger Erase Trigger	IPS 1 Load
15: Imperva 1 Load	T		IPS 2 Load
This Trigger will be True/Active: Based U	pon other Triggers		IPS 1 Link Status
	·		IPS 2 Link Status
Selected Trigger(s):			IPS 1 combo Link and Load
General passthrough	PS 1 Packets	IPS 2 Packets	IPS 2 combo Link and Load
	PS 2 Load	IPS 1 Link Status	IPS 1 2 combo packets
	PS 1 combo Link and Load	IPS 2 combo Link and Load	IPS 1 2 combo link status
	PS 1 2 combo link status	Imperva 1 Load	IPS combo
	mperva 1 Packets	Imperva 2 Packets	Imperva 1 Load
Imperva 1 Link Status	mperva 2 Link Status	Load	Imperva 2 Load
Load Deck		Imperva 1 2 combo link status	Imperva 1 Packets
Imperva combo	mperva 1 combo packets oad	Imperva 2 combo packets link load	Imperva 2 Packets
IPS 1 combo packets link IPS 2 combo packets link load Ioad		Imperva 1 Link Status	
			Imperva 2 Link Status
Activate this Trigger whenever:	▼ TRUE	ACTIVE	Imperva 1 combo Link and Load
Make this Trigger True/Active only when the	above conditions have bee	en met continuously for at	Imperva 2 combo Link and Load
least () seconds.		,	Imperva 1 2 combo packets
Revert this Trigger back to False/Inactive on least 0 seconds.	ly after the above condition	ns have not been met continuously for at	Imperva 1 2 combo link status
seconds.			Imperva combo
When this Trigger is True/Active then take the		ed on this Trigger	Imperva 1 combo packets link load
 ✓ Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. ✓ Send an SNMP Trap/Notification 		Imperva 2 combo packets link load	
Send a Syslog message		IPS 1 combo packets link load	
Turn on the front-panel Flag LED	b		IPS 2 combo packets link load
Disable the following ports (force link-d	ownj:		

Current Trigger States

True/Active

True/Active

True/Active

False/Inactive

False/Inactive

True/Active

False/Inactive

False/Inactive

False/Inactive

True/Active False/Inactive

True/Active

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

False/Inactive False/Inactive

False/Inactive

False/Inactive

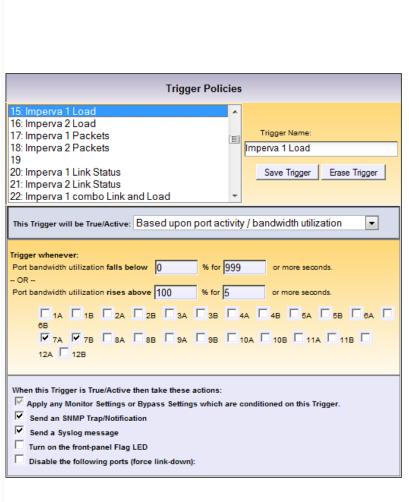
False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active



Current Trigger States			
General passthrough	True/Active		
IPS 1 Packets	True/Active		
IPS 2 Packets	True/Active		
IPS 1 Load	False/Inactive		
IPS 2 Load	False/Inactive		
IPS 1 Link Status	True/Active		
IPS 2 Link Status	False/Inactive		
IPS 1 combo Link and Load	False/Inactive		
IPS 2 combo Link and Load	False/Inactive		
IPS 1 2 combo packets	True/Active		
IPS 1 2 combo link status	False/Inactive		
IPS combo	True/Active		
Imperva 1 Load	False/Inactive		
Imperva 2 Load	False/Inactive		
Imperva 1 Packets	True/Active		
Imperva 2 Packets	False/Inactive		
Imperva 1 Link Status	True/Active		
Imperva 2 Link Status	False/Inactive		
Imperva 1 combo Link and Load	False/Inactive		
Imperva 2 combo Link and Load	False/Inactive		
Imperva 1 2 combo packets	False/Inactive		
Imperva 1 2 combo link status	False/Inactive		
Imperva combo	False/Inactive		
Imperva 1 combo packets link load	True/Active		
Imperva 2 combo packets link load	False/Inactive		
IPS 1 combo packets link load	True/Active		
IPS 2 combo packets link load	True/Active		

Trigger Po	olicies
15: Imperva 1 Load	A
16: Imperva 2 Load	
17: Imperva 1 Packets	Trigger Name:
18: Imperva 2 Packets 19	Imperva 2 Load
20: Imperva 1 Link Status	Save Trigger Erase Trigger
21: Imperva 2 Link Status	
22: Imperva 1 combo Link and Load	T
This Trigger will be True/Active: Based upon port	activity / bandwidth utilization
Trigger whenever:	
	for 999 or more seconds.
- OR	1000
Port bandwidth utilization rises above 100 %	for 5 or more seconds.
	18 — 4 4 — 4 8 — 5 4 — 5 8 — 6 4 — —
68 □ 7A □ 7B ☑ 8A ☑ 8B □ 9A □ 9	
12A 🖵 12B	
When this Trigger is True/Active then take these action	ns:
Mapply any Monitor Settings or Bypass Settings wh	ich are conditioned on this Trigger.
Send an SNMP Trap/Notification	
Send a Syslog message	
Turn on the front-panel Flag LED	
Disable the following ports (force link-down):	

Current Trigger States				
General passthrough	True/Active			
IPS 1 Packets	True/Active			
IPS 2 Packets	True/Active			
IPS 1 Load	False/Inactive			
IPS 2 Load	False/Inactive			
IPS 1 Link Status	True/Active			
IPS 2 Link Status	False/Inactive			
IPS 1 combo Link and Load	False/Inactive			
IPS 2 combo Link and Load	False/Inactive			
IPS 1 2 combo packets	True/Active			
IPS 1 2 combo link status	False/Inactive			
IPS combo	True/Active			
Imperva 1 Load	False/Inactive			
Imperva 2 Load	False/Inactive			
Imperva 1 Packets	True/Active			
Imperva 2 Packets	False/Inactive			
Imperva 1 Link Status	True/Active			
Imperva 2 Link Status	False/Inactive			
Imperva 1 combo Link and Load	False/Inactive			
Imperva 2 combo Link and Load	False/Inactive			
Imperva 1 2 combo packets	False/Inactive			
Imperva 1 2 combo link status	False/Inactive			
Imperva combo	False/Inactive			
Imperva 1 combo packets link load	True/Active			
Imperva 2 combo packets link load	False/Inactive			
IPS 1 combo packets link load	True/Active			
IPS 2 combo packets link load	True/Active			

Trigger Policies	Current Trigger St	tates
15: Imperva 1 Load 16: Imperva 2 Load 17: Imperva 1 Packate	General passthrough	Tru
Trigger Name: 18: Imperva 2 Packets 19 20: Imperva 1 Link Status Save Trigger	IPS 1 Packets IPS 2 Packets	Tru Tru
20. Imperva 1 Link Status 21: Imperva 2 Link Status 22: Imperva 1 combo Link and Load	IPS 1 Load IPS 2 Load	Fal
This Trigger will be True/Active: Based upon a Health Check packet test	IPS 1 Link Status IPS 2 Link Status	Tru Fal
Send a Health-Check packet every 2 seconds. Wait 1 seconds for a return/reply packet.	IPS 1 combo Link and Load	Fal
Trigger False/Inactive if:	IPS 2 combo Link and Load IPS 1 2 combo packets	Fa
C No return packet is received (upstream filtering test)	IPS 1 2 combo link status	Fal Tru
Trigger True/Active: If no return/reply packet is received after 2 attempts	Imperva 1 Load Imperva 2 Load	Fa Fa
False/Inactive (initially assume success) True/Active (initially assume failure) Send the Health-Check packet on these ports:	Imperva 1 Packets Imperva 2 Packets	Tru Fal
	Imperva 1 Link Status	Tru
Health-Check packet data: Mac Destination: 112233445567 Mac Source (this tap): 0004F3030000	Imperva 2 Link Status Imperva 1 combo Link and Load Imperva 2 combo Link and Load	Fal Fal
Etype: 0800 Payload: 000000000000000000000000000000000000	Imperva 1 2 combo packets Imperva 1 2 combo link status	Fal
Check for a return/reply packet on these ports:	Imperva combo	Fa
Return/reply packet filter condition: (mac source <this tap=""> OR mac destination <this tap="">) AND (</this></this>	Imperva 1 combo packets link load Imperva 2 combo packets link load	Tru Fai
Imperva HC Imperva HC When this Trigger is True/Active then take these actions:	IPS 1 combo packets link load IPS 2 combo packets link load	Tru Tru

True/Active

True/Active True/Active False/Inactive False/Inactive True/Active False/Inactive

False/Inactive

True/Active

False/Inactive True/Active False/Inactive False/Inactive True/Active False/Inactive

True/Active

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

Trigger Policies	
	Curre
15: Imperva 1 Load	General passthrough
17: Imperva 1 Packets	IPS 1 Packets
18: Imperva 2 Packets 19	IPS 2 Packets
20: Imperva 1 Link Status 21: Imperva 2 Link Status	IPS 1 Load
22: Imperva 1 combo Link and Load	IPS 2 Load
This Trigger will be True/Active: Based upon a Health Check packet test	IPS 1 Link Status
	IPS 2 Link Status
Send a Health-Check packet every 2 seconds.	IPS 1 combo Link ar
Wait seconds for a return/reply packet.	IPS 2 combo Link ar
Trigger False/Inactive if:	IPS 1 2 combo pack
A return packet is received (upstream response test) No return packet is received (upstream filtering test)	IPS 1 2 combo links
	IPS combo
Trigger True/Active: If no return/reply packet is received after 2 attempts	Imperva 1 Load
Initial state: False/Inactive (initially assume success)	Imperva 2 Load
C True/Active (initially assume success)	Imperva 1 Packets
Send the Health-Check packet on these ports:	Imperva 2 Packets
□7A □7B 🗹 8A □ 8B □9A □9B □11A □11B	Imperva 1 Link Statu
Health-Check packet data:	Imperva 2 Link Statu
Mac Destination: 112233445567	Imperva 1 combo Li
Mac Source (this tap): 0004F3030000 Etype: 0800	Imperva 2 combo Li
Payload: 000000000000000000000000000000000000	Imperva 1 2 combo
000000000000000000000000000000000000000	Imperva 1 2 combo
Check for a return/reply packet on these ports:	Imperva combo
	Imperva 1 combo pa
Return/reply packet filter condition: (mac source <this tap=""> OR mac destination <this tap="">) AND (</this></this>	Imperva 2 combo pa
Imperva HC)	IPS 1 combo packet
When this Trigger is True/Active then take these actions:	IPS 2 combo packet
when uns myger is me/Active then take these actions.	

Current Trigger Sta	tes
General passthrough	True/Active
IPS 1 Packets	True/Active
IPS 2 Packets	True/Active
IPS 1 Load	False/Inactive
IPS 2 Load	False/Inactive
IPS 1 Link Status	True/Active
IPS 2 Link Status	False/Inactive
IPS 1 combo Link and Load	False/Inactive
IPS 2 combo Link and Load	False/Inactive
IPS 1 2 combo packets	True/Active
IPS 1 2 combo link status	False/Inactive
IPS combo	True/Active
Imperva 1 Load	False/Inactive
Imperva 2 Load	False/Inactive
Imperva 1 Packets	True/Active
Imperva 2 Packets	False/Inactive
Imperva 1 Link Status	True/Active
Imperva 2 Link Status	False/Inactive
Imperva 1 combo Link and Load	False/Inactive
Imperva 2 combo Link and Load	False/Inactive
Imperva 1 2 combo packets	False/Inactive
Imperva 1 2 combo link status	False/Inactive
Imperva combo	False/Inactive
Imperva 1 combo packets link load	True/Active
Imperva 2 combo packets link load	False/Inactive
IPS 1 combo packets link load	True/Active
IPS 2 combo packets link load	True/Active

Trigger Policies 15: Imperva 1 Load 16: Imperva 2 Load 17: Imperva 1 Packets 18: Imperva 2 Packets 19 20: Imperva 1 Link Status 21: Imperva 1 Link Status 22: Imperva 1 combo Link and Load Trigger whenever: ANY of these ports are ONLINE (link up) ALL of these ports are ONLINE (link down) ALL of these ports are OFFLINE (link down) Ba 2 28 3A 38 4A 4B 5A 5B 6A 6M When this Trigger is True/Active then take these actions: Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Y send an SNMP Trap/Notification Send a Sysiog message Turn on the front-panel Flag LED Disable the following ports (force link-down):		
Trigger Policies IPS 2 15: Imperva 1 Load Imperva 2 Load 17: Imperva 1 Packets Imperva 1 Link Status 18: Imperva 2 Packets Imperva 1 Link Status 19 Save Tigger Erase Tigger 20: Imperva 1 Link Status Imperva 1 Link Status 21: Imperva 2 Link Status Imperva 1 Link Status 22: Imperva 1 combo Link and Load Imperva 1 Combo Link and Load This Trigger whenever: ANY of these ports are ONLINE (link up) ALL of these ports are ONLINE (link up) ALL of these ports are OFFLINE (link down) ALL of these ports are OFFLINE (link down) Imperva 1 Link Trigger is True/Active then take these actions: Vhen this Trigger is True/Active then take these actions: Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Visend an SIMP Trap/Notification Imperval 128 Turu on the front-panel Flag LED Disable the following ports (force link-down):		General pass
15: Imperva 1 Load Imperva 2 Load Imperva 1 Packets 16: Imperva 1 Packets Imperva 1 Packets Imperva 1 Link Status 19 20: Imperva 1 Link Status Imperva 1 Link Status 21: Imperva 1 Link Status Save Trigger Erase Trigger 22: Imperva 1 combo Link and Load Imperva 1 Link Status 22: Imperva 1 combo Link and Load Imperva 1 Link Status 22: Imperva 1 combo Link and Load Imperva 1 Combo Link and Load This Trigger whenever: ANY of these ports are ONLINE (link up) ALL of these ports are OFLINE (link up) Imperva 1 Link Status ALL of these ports are OFLINE (link down) Imperva 1 Link Status ALL of these ports are OFLINE (link down) Imperva 1 Link Status ALL of these ports are OFLINE (link down) Imperva 1 Link Status Ital 18 2A 2B 3A 3B 4A 4B 5A 5B 6A Imperva 12A 12B When this Trigger is True/Active then take these actions: Imperva 12A 12B When this Trigger is True/Active then take these actions: Imperva 12B Imperva 12B Imperva 12B Imperva 12B Imperva 10B Ital 18B Ital 18B Ital 18B Ital 18B Ital 18B Ital 18B		IPS 1 Packets
15: Imperva 1 Load Imperva 2 Load 16: Imperva 2 Load Imperva 1 Lank Status 19 Save Trigger Name: 20: Imperva 1 Link Status Save Trigger Erase Trigger 21: Imperva 2 Link Status Save Trigger Erase Trigger 22: Imperva 1 combo Link and Load Imperva 1 combo Link and Load This Trigger will be True/Active: Based upon port link up/down IPS 1 17: Gar whenever: ANY of these ports are ONLINE (link up) ANY of these ports are OFFLINE (link down) Imperva 1 La TB 1A TB 2A 2ALL of these ports are OFFLINE (link down) Imperva 1 La TB 12A TB Save Trigger. When this Trigger is True/Active then take these actions: Imperva 1 Link Status Mappinger is True/Active then take these actions: Imperva 1 Link Status Mappinger is True/Active then take these actions: Imperva 1 Link Status Mappinger is True/Active then take these actions: Imperva 1 Link Trigger. Mappinger is True/Active then take these actions: Imperva 1 Link Trigger. Mappinger is True/Active then take these actions: Imperva 1 Link Trigger. Mappinger is True/Active then take these actions: Imperva 1 Link Trigger.	Trigger Policies	IPS 2 Packets
16: Imperva 2 Load Trigger Name: IPS 2 17: Imperva 1 Packets Imperva 1 Link Status IPS 2 18: Imperva 2 Link Status Save Trigger Erase Trigger IPS 2 20: Imperva 1 Link Status Save Trigger Erase Trigger IPS 2 21: Imperva 2 Link Status Save Trigger Erase Trigger IPS 2 22: Imperva 1 combo Link and Load IPS 2 Trigger will be True/Active: Based upon port link up/down IPS 1 Trigger whenever: ANY of these ports are ONLINE (link up) ALL of these ports are OFFLINE (link down) Imperva 1 Link Status ALV of these ports are OFFLINE (link down) Imperva 1 Link Status ALL of these ports are OFFLINE (link down) Imperva 1 Link Status ALL of these ports are OFFLINE (link down) Imperva 1 Link Status ALL of these ports are OFFLINE (link down) Imperva 1 Link Status TA TA TAB SA SB SA SB Vhen this Trigger is True/Active then take these actions: Imperva 1 Link Status Imperva 1 Link Status Vhen this Trigger is True/Active then take these actions: Imperva 1 Link Status Imperva 1 Link Status Vhen this Trigger is True/Active then take these actions: Imperva 1 Link Status	15: Importent Lond	IPS 1 Load
17. Interval Packets Imperval 1 Link Status 18. Imperval 2 Packets Imperval 1 Link Status 20. Imperval 1 Link Status Save Trigger Erase Trigger 21. Imperval 1 combo Link and Load Imperval 1 Link Status 22. Imperval 1 combo Link and Load Imperval 1 Link Status 22. Imperval 1 combo Link and Load Imperval 1 Link Status 22. Imperval 1 combo Link and Load Imperval 1 Link Status 23. Imperval 1 combo Link and Load Imperval 1 Link Status 24. Imperval 1 combo Link and Load Imperval 1 Link Status 25. Imperval 1 combo Link and Load Imperval 1 Combo Link and Load Trigger whenever: ANY of these ports are ONLINE (link up) ALL of these ports are OFFLINE (link down) Impe 1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A Impe 0 ALL of these ports are OFFLINE (link down) Impe Impe Impe Impe Impe 12A 12B 3A 3B 4A 4B 5A 5B 6A Impe Impe 12A 12B Impe Impe Impe Impe	16: Imperva 2 Load	IPS 2 Load
19 Save Trigger Erase Trigger 20: Imperva 1 Link Status Imperva 2 Link Status 21: Imperva 1 combo Link and Load Imperva 1 combo Link and Load Trigger will be True/Active: Based upon port link up/down Imis Trigger will be True/Active: Based upon port link up/down Imis Trigger whenever: ANY of these ports are ONLINE (link up) ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe IA 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A Impe IDA 10B 11A 11B Impe I	17. Imperval Fackets	IPS 1 Link St
21: Imperva 2 Link Status IPS 1 22: Imperva 1 combo Link and Load IPS 1 22: Imperva 1 combo Link and Load IPS 1 Trigger will be True/Active: Based upon port link up/down IPS 1 IPS 1 Irigger whenever: IPS 1 ANY of these ports are ONLINE (link up) IPS 1 ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe 1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A Impe Impe IA 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A Impe Impe IA 1B 2A 2B 3A 3B 10A 10B 11A 11B Impe IZA 12B IPS 1 IPS 1 Impe Impe Impe Impe IZA 12B IPS 1 IPS 1 Impe	19	IPS 2 Link St
22: Imperva 1 combo Link and Load ▼ This Trigger will be True/Active: Based upon port link up/down ▼ Trigger whenever: ANY of these ports are ONLINE (link up) ALL of these ports are ONLINE (link up) ALL of these ports are OFFLINE (link down) ALL of these ports are OFFLINE (link down) Impe 1A 1B 2A 2B 3A 3B 4A When this Trigger is True/Active then take these actions: Impe ✓ Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Impe ✓ Send a Slyslog message Impe Turm on the front-panel Flag LED Disable the following ports (force link-down): Impe		IPS 1 combo
Trigger whenever: IPS 1 ANY of these ports are ONLINE (link up) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe IA 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A Impe IMPE 1A 1B 2A 2B 3A 3B 10A 10B 11A 11B Impe IZA 12B Impe Impe Impe Impe Impe Impe When this Trigger is True/Active then take these actions: Impe Impe Impe Impe Visend a Syslog message Turn on the front-panel Flag LED Impe Impe Impe Disable the following ports (force link-down): Impe Impe Impe Impe IPS 1 Impe Impe Impe Impe Impe		IPS 2 combo
Trigger whenever: IPS 1 ANY of these ports are ONLINE (link up) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe IA 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A Impe IPS 12A 12B Impe	This Trigger will be True/Active: Based upon port link up/down	IPS 1 2 comb
Trigger whenever: ANY of these ports are ONLINE (link up) Impe ALL of these ports are ONLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe 1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A Impe ALL of these ports are OFFLINE (link down) Impe Impe Impe Impe Impe 1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A Impe Value 1A 1B 2A 2B 3A 3B 10A 10B 11A 11B Impe 12A 12B Impe Impe Impe Impe Impe Impe When this Trigger is True/Active then take these actions: Impe Impe Impe Impe Value Send a SNMP Trap/Notification Visend a Syslog message Impe Impe Impe Disable the following ports (force link-down): Impe Impe Impe Impe Impe		IPS 1 2 comb
ANY of these ports are ONLINE (link up) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe ALL of these ports are OFFLINE (link down) Impe IA 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A Impe Impe 1A 1B 2A 2B 3A 3B 10A 10B 11A 11B Impe Impe 12A 7B 8A 8B 9A 9B 10A 10B 11A 11B Impe When this Trigger is True/Active then take these actions: Impe Impe Impe Impe Send an SNMP Trap/Notification Send a Syslog message Impe Impe Impe Disable the following ports (force link-down): Impe Impe Impe Impe Impe Impe I		IPS combo
 ANY of these ports are OFFLINE (link down) ALL of these ports are OFFLINE (link down) 1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A Impe IMPE IMPE IMPE IMPE IMPE IA 7A 7 7B 8A 8B 9A 9B 10A 10B 11A 11B Impe 12A 12B Impe IMPE<		Imperva 1 Lo
ALL of these ports are OFFLINE (link down) Impe □ 1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A Impe □ 1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A Impe □ 7A ✓ 7B 8A 8B 9A 9B 10A 10B 11A 11B Impe 12A 12B 12B Impe Impe Impe Impe Impe When this Trigger is True/Active then take these actions: Impe Impe Impe Impe V Send an SNMP Trap/Notification Impe Impe Impe ✓ Send a Syslog message Impe Impe Turn on the front-panel Flag LED Impe Impe Disable the following ports (force link-down): Impe Impe Impe Impe Impe Impe Impe Impe Impe Impe Impe Impe Impe Impe Impe Impe		-
1A 1B 2A 2B 3A 3B 4A 4B 5A 5B 6A Impe ØB 7A Ø 7B 8A 8B 9A 9B 10A 10B 11A 11B Impe 12A 12B 12B Impe Impe Impe Impe Impe When this Trigger is True/Active then take these actions: Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Impe Impe ØS end a SNMP Trap/Notification Send a Syslog message Impe Impe Turn on the front-panel Flag LED Disable the following ports (force link-down): Impe Impe Impe Impe Impe Impe Impe <td></td> <td>Imperva 2 Lo</td>		Imperva 2 Lo
UB VIA 7B 8A 8B 9A 9B 10A 10B 11A 11B Impe 12A 12B 12B Impe Impe Impe Impe When this Trigger is True/Active then take these actions: Impe Impe Impe Ø Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Impe Impe Ø Send a Syslog message Turn on the front-panel Flag LED Impe Impe Disable the following ports (force link-down): Impe Impe Impe Impe Impe <td>□ 1A □ 1B □ 2A □ 2B □ 3A □ 3B □ 4A □ 4B □ 5A □ 5B □ 6A □</td> <td>Imperva 1 Pa</td>	□ 1A □ 1B □ 2A □ 2B □ 3A □ 3B □ 4A □ 4B □ 5A □ 5B □ 6A □	Imperva 1 Pa
12A 12B When this Trigger is True/Active then take these actions: Impe ✓ Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Impe ✓ Send an SNMP Trap/Notification Impe ✓ Send a Syslog message Impe □ Turn on the front-panel Flag LED Impe □ Disable the following ports (force link-down): Impe Impe Impe Impe Impe Impe Impe		Imperva 2 Pa
When this Trigger is True/Active then take these actions: Imperimentation Imperimentation Send an SNMP Trap/Notification Imperimentation Imperimentation Send a Syslog message Imperimentation Imperimentation Imperimentation Imperimentation Imperimentation Imperimperimentation Imperimentat		Imperva 1 Lir
When this Trigger is True/Active then take these actions: Impe Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Impe Send an SNMP Trap/Notification Impe Turn on the front-panel Flag LED Impe Disable the following ports (force link-down): Impe Impe Impe		Imperva 2 Lir
Send an SNMP Trap/Notification Impe Send a Syslog message Impe Turn on the front-panel Flag LED Impe Disable the following ports (force link-down): Impe Impe Impe	When this Trigger is True/Active then take these actions:	Imperva 1 co
Send a Syslog message Impe Turn on the front-panel Flag LED Impe Disable the following ports (force link-down): Impe Impe Impe		Imperva 2 co
Turn on the front-panel Flag LED Impe Disable the following ports (force link-down): Impe Impe Impe		Imperva 1 2 d
Disable the following ports (force link-down):	_	Imperva 1 2 d
Impe IPS 1		Imperva com
IPS 1		Imperva 1 co
		Imperva 2 co
IPS 2		IPS 1 combo
		IPS 2 combo

Current Trigger S	tates
General passthrough	True/Active
IPS 1 Packets	True/Active
IPS 2 Packets	True/Active
IPS 1 Load	False/Inactive
IPS 2 Load	False/Inactive
IPS 1 Link Status	True/Active
IPS 2 Link Status	False/Inactive
IPS 1 combo Link and Load	False/Inactive
IPS 2 combo Link and Load	False/Inactive
IPS 1 2 combo packets	True/Active
IPS 1 2 combo link status	False/Inactive
IPS combo	True/Active
Imperva 1 Load	False/Inactive
Imperva 2 Load	False/Inactive
Imperva 1 Packets	True/Active
Imperva 2 Packets	False/Inactive
Imperva 1 Link Status	True/Active
Imperva 2 Link Status	False/Inactive
Imperva 1 combo Link and Load	False/Inactive
Imperva 2 combo Link and Load	False/Inactive
Imperva 1 2 combo packets	False/Inactive
Imperva 1 2 combo link status	False/Inactive
Imperva combo	False/Inactive
Imperva 1 combo packets link load	True/Active
Imperva 2 combo packets link load	False/Inactive
IPS 1 combo packets link load	True/Active
IPS 2 combo packets link load	True/Active

Trigger P	olicies
15: Imperva 1 Load	A
16: Imperva 2 Load	Trianes News
17: Imperva 1 Packets	El Imperva 2 Link Status
18: Imperva 2 Packets 19	Imperva 2 Link Status
20: Imperva 1 Link Status	Save Trigger Erase Trigger
21: Imperva 2 Link Status	
22: Imperva 1 combo Link and Load	•
This Trigger will be True/Active: Based upon por	rt link up/down
68 □ 7A □ 7B ☑ 8A ☑ 8B □ 9A □ 9E 12A □ 12B	
When this Trigger is True/Active then take these action Apply any Monitor Settings or Bypass Settings will	
Send an SNMP Trap/Notification	
Send a Syslog message	
Turn on the front-panel Flag LED	
Disable the following ports (force link-down):	

	Current Trigger St	tates
	General passthrough	True/Active
	IPS 1 Packets	True/Active
	IPS 2 Packets	True/Active
	IPS 1 Load	False/Inactive
	IPS 2 Load	False/Inactive
3	IPS 1 Link Status	True/Active
т	IPS 2 Link Status	False/Inactive
Erase Trigger	IPS 1 combo Link and Load	False/Inactive
	IPS 2 combo Link and Load	False/Inactive
-	IPS 1 2 combo packets	True/Active
	IPS 1 2 combo link status	False/Inactive
	IPS combo	True/Active
	Imperva 1 Load	False/Inactive
	Imperva 2 Load	False/Inactive
	Imperva 1 Packets	True/Active
	Imperva 2 Packets	False/Inactive
118 🗖	Imperva 1 Link Status	True/Active
	Imperva 2 Link Status	False/Inactive
	Imperva 1 combo Link and Load	False/Inactive
jer.	Imperva 2 combo Link and Load	False/Inactive
	Imperva 1 2 combo packets	False/Inactive
	Imperva 1 2 combo link status	False/Inactive
	Imperva combo	False/Inactive
	Imperva 1 combo packets link load	True/Active
	Imperva 2 combo packets link load	False/Inactive
	IPS 1 combo packets link load	True/Active
	IPS 2 combo packets link load	True/Active

Trigger Policies	Current Trigger St	ates
15: Imperva 1 Load 16: Imperva 2 Load	General passthrough	True
17: Imperva 1 Packets	IPS 1 Packets	True
18: Imperva 2 Packets 19 Imperva 1 combo Link and Load	IPS 2 Packets	True
20: Imperva 1 Link Status Save Trigger Erase Trigger 21: Imperva 2 Link Status Erase Trigger Erase Trigger	IPS 1 Load	Fals
22: Imperva 1 combo Link and Load	IPS 2 Load	Fals
This Trigger will be True/Active: Based upon other Triggers	IPS 1 Link Status	True
	IPS 2 Link Status	Fals
Selected Trigger(s):	IPS 1 combo Link and Load	Fals
General passthrough IPS 1 Packets IPS 2 Packets	IPS 2 combo Link and Load	Fals
IPS 1 Load IPS 2 Load IPS 1 Link Status	IPS 1 2 combo packets	True
IPS 2 Link Status IPS 1 combo Link and Load IPS 2 combo Link and Load	IPS 1 2 combo link status	Fals
IPS 1 2 combo packets IPS 1 2 combo link status IPS combo Imperva 1 Load Imperva 2 Load Imperva 1 Packets	IPS combo	True
Imperva 1 Load Imperva 2 Load Imperva 1 Packets	Imperva 1 Load	Fals
Imperva 2 combo Link and Imperva 1 2 combo Imperva 1 2 combo	Imperva 2 Load	Fals
Load packets status	Imperva 1 Packets	True
link load link load	Imperva 2 Packets	Fals
l IPS 1 combo packets link I IPS 2 combo packets link load load	Imperva 1 Link Status	True
Activate this Trigger whenever:	Imperva 2 Link Status	Fals
All 💌 of the selected triggers are	Imperva 1 combo Link and Load	Fals
Make this Trigger True/Active only when the above conditions have been met continuously for at least one seconds.	Imperva 2 combo Link and Load	Fals
	Imperva 1 2 combo packets	Fals
Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at least 0 seconds.	Imperva 1 2 combo link status	Fals
When this Trigger is True/Active then take these actions:	Imperva combo	Fals
Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger.	Imperva 1 combo packets link load	True
Send an SNMP Trap/Notification Send a Syslog message	Imperva 2 combo packets link load	Fals
Turn on the front-panel Flag LED	IPS 1 combo packets link load	True
Disable the following ports (force link-down):	IPS 2 combo packets link load	True

True/Active True/Active True/Active False/Inactive False/Inactive False/Inactive

False/Inactive

False/Inactive

True/Active False/Inactive False/Inactive True/Active False/Inactive False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

	Trigger Policies		Current Trigger St
21: Imperva 2 Link Status 22: Imperva 1 combo Link and Loa 23: Imperva 2 combo Link and Loa	ad Trig	ger Name:	General passthrough IPS 1 Packets
24: Imperva 1 2 combo packets 25	〔≡〕 Imperv	a 2 combo Link and Load	IPS 2 Packets
26: Imperva 1 2 combo link status 27: Imperva combo	Sa	ve Trigger Erase Trigger	IPS 1 Load
28	-		IPS 2 Load
This Trigger will be True/Active: Base	d upon other Triggers		IPS 1 Link Status
			IPS 2 Link Status
Selected Trigger(s):			IPS 1 combo Link and Load
General passthrough	IPS 1 Packets	IPS 2 Packets	IPS 2 combo Link and Load
	IPS 2 Load	IPS 1 Link Status	IPS 1 2 combo packets
		IPS 2 combo Link and Load	IPS 1 2 combo link status
	IPS 1 2 combo link status	IPS combo	IPS combo
	Imperva 2 Load Imperva 1 Link Status	Imperva 1 Packets	Imperva 1 Load
Imperva 1 combo Link and		Imperva 1 2 combo link	Imperva 2 Load
Load p	ackets Imperva 1 combo packets	status	Imperva 1 Packets
imperva combo	nk load	link load	Imperva 2 Packets
	IPS 2 combo packets link pad		Imperva 1 Link Status
Activate this Trigger whenever:			Imperva 2 Link Status
All • of the selected triggers are		ACTIVE -	Imperva 1 combo Link and Load
Make this Trigger True/Active only when least 0 seconds.	the above conditions have bee	n met continuously for at	Imperva 2 combo Link and Load
-			Imperva 1 2 combo packets
Revert this Trigger back to False/Inactive east 0 seconds.	e only after the above condition	s have not been met continuously for at	Imperva 1 2 combo link status
When this Trigger is True/Active then tak	ke these actions:		Imperva combo
Apply any Monitor Settings or Bypas	s Settings which are conditione	ed on this Trigger.	Imperva 1 combo packets link load
Send an SNMP Trap/Notification			Imperva 2 combo packets link load
Send a Syslog message Turn on the front-panel Flag LED			IPS 1 combo packets link load
Disable the following ports (force line	nk-down):		IPS 2 combo packets link load

States

True/Active True/Active True/Active False/Inactive False/Inactive True/Active False/Inactive False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive

False/Inactive

False/Inactive False/Inactive False/Inactive

True/Active

Trigger Policies	Current Trigger St
21: Imperva 2 Link Status 22: Imperva 1 combo Link and Load 23: Imperva 2 combo Link and Load 24: Imperva 1 2 combo packets 25 26: Imperva 1 2 combo link status 27: Imperva combo 28	General passthrough IPS 1 Packets IPS 2 Packets IPS 1 Load IPS 2 Load
This Trigger will be True/Active: Based upon other Triggers	IPS 1 Link Status IPS 2 Link Status
Selected Trigger(s):	IPS 1 combo Link and Load IPS 2 combo Link and Load IPS 1 2 combo packets
IP\$ 2 Link Status IP\$ 1 combo Link and Load IP\$ 2 combo Link and Load IP\$ 1 2 combo packets IP\$ 1 2 combo link status IP\$ combo	IPS 1 2 combo link status
Imperva 1 Load Imperva 2 Load Imperva 1 Packets Imperva 2 Packets Imperva 1 Link Status Imperva 2 Link Status Imperva 1 combo Link and Imperva 2 combo Link and Imperva 1 2 combo link Load status	Imperva 1 Load Imperva 2 Load
Imperva combo Imperva 1 combo packets Imperva 2 combo packets IPS 1 combo packets link IPS 2 combo packets link	Imperva 1 Packets Imperva 2 Packets
Ioad Ioad Activate this Trigger whenever: All ▼ of the selected triggers All ▼ of the selected triggers are	Imperva 1 Link Status Imperva 2 Link Status Imperva 1 combo Link and Load
Make this Trigger True/Active only when the above conditions have been met continuously for at least 0 seconds.	Imperva 2 combo Link and Load Imperva 1 2 combo packets
Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at least 0 seconds.	Imperva 1 2 combo link status Imperva combo
When this Trigger is True/Active then take these actions: Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Send an SNMP Trap/Notification Send a Syslog message Turn on the front-panel Flag LED Disable the following ports (force link-down):	Imperva 1 combo packets link load Imperva 2 combo packets link load IPS 1 combo packets link load IPS 2 combo packets link load

Current Trigger States

True/Active

True/Active

True/Active

False/Inactive

False/Inactive

True/Active

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive True/Active

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

True/Active

Trigger Policies	Current Trigger Sta	ates
21: Imperva 2 Link Status 22: Imperva 1 combo Link and Load 23: Imperva 2 combo Link and Load 24: Imperva 1 2 combo packets 25 26: Imperva 1 2 combo link status Save Trigger Erase Trigger	General passthrough IPS 1 Packets IPS 2 Packets IPS 1 Load	True True True Fals
27: Imperva combo	IPS 2 Load IPS 1 Link Status	Fals
Selected Trigger(s):	IPS 2 Link Status IPS 1 combo Link and Load	Fals
General passthrough IPS 1 Packets IPS 2 Packets IPS 1 Load IPS 2 Load IPS 1 Link Status IPS 2 Link Status IPS 1 combo Link and Load IPS 2 combo Link and Load	IPS 2 combo Link and Load IPS 1 2 combo packets IPS 1 2 combo link status	Fals True Fals
IPS 1 2 combo packets IPS 1 2 combo link status IPS combo Imperva 1 Load Imperva 2 Load Imperva 1 Packets Imperva 2 Packets Imperva 1 Link Status Imperva 2 Link Status	IPS combo Imperva 1 Load	True
Imperva 1 combo Link and Imperva 2 combo Link and packets Load packets Imperva 2 combo packets Imperva 2 combo packets	Imperva 2 Load Imperva 1 Packets	Fals
Ink load Ink	Imperva 2 Packets Imperva 1 Link Status Imperva 2 Link Status	Fals True
Activate this Trigger whenever: All of the selected triggers are TRUE/ACTIVE Make this Trigger True/Active only when the above conditions have been met continuously for at	Imperva 1 combo Link and Load Imperva 2 combo Link and Load	Fals
least 0 seconds. Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at least o least 0 seconds.	Imperva 1 2 combo packets Imperva 1 2 combo link status	Fals
When this Trigger is True/Active then take these actions: Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Send an SNMP Trap/Notification	Imperva combo Imperva 1 combo packets link load Imperva 2 combo packets link load	Fals True Fals
Image: Send a Syslog message □ Turn on the front-panel Flag LED □ Disable the following ports (force link-down):	IPS 1 combo packets link load	True True

True/Active True/Active True/Active False/Inactive False/Inactive False/Inactive False/Inactive

False/Inactive

False/Inactive True/Active False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive True/Active False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

Trigger Policies	Current Trigger Sta	ates
21: Imperva 2 Link Status 22: Imperva 1 combo Link and Load	General passthrough	True
23: Imperva 2 combo Link and Load	IPS 1 Packets	True
24: Imperva 1 2 combo packets	IPS 2 Packets	True
26: Imperva 1 2 combo link status Save Trigger Erase Trigger	IPS 1 Load	Fals
28	IPS 2 Load	Fals
This Trigger will be True/Active: Based upon other Triggers	IPS 1 Link Status	True
	IPS 2 Link Status	Fals
Selected Trigger(s):	IPS 1 combo Link and Load	Fals
General passthrough IPS 1 Packets IPS 2 Packets	IPS 2 combo Link and Load	Fals
IPS 1 Load IPS 2 Load IPS 1 Link Status	IPS 1 2 combo packets	True
IPS 2 Link Status IPS 1 combo Link and Load IPS 2 combo Link and Load	IPS 1 2 combo link status	Fals
IPS 1 2 combo packets IPS 1 2 combo link status IPS combo Imperva 1 Load Imperva 2 Load Imperva 1 Packets	IPS combo	True
Imperva 1 Load Imperva 2 Load Imperva 1 Packets Imperva 2 Packets Imperva 1 Link Status Imperva 2 Link Status	Imperva 1 Load	Fals
✓ Imperva 1 combo Link and ✓ Imperva 2 combo Link and ✓ Imperva 1 2 combo	Imperva 2 Load	Fals
Load Load packets Load packets Imperva 1 2 combo link Imperva 1 combo packets Imperva 2 combo packets	Imperva 1 Packets	True
status link load link load	Imperva 2 Packets	Fals
IPS 1 combo packets link IPS 2 combo packets link load Ioad	Imperva 1 Link Status	True
Activate this Trigger whenever:	Imperva 2 Link Status	Fals
Any of the selected triggers are TRUE/ACTIVE	Imperva 1 combo Link and Load	Fals
Make this Trigger True/Active only when the above conditions have been met continuously for at least seconds.	Imperva 2 combo Link and Load	Fals
	Imperva 1 2 combo packets	Fals
Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at least of seconds.	Imperva 1 2 combo link status	Fals
When this Trigger is True/Active then take these actions:	Imperva combo	Fals
Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger.	Imperva 1 combo packets link load	True
Send an SNMP Trap/Notification	Imperva 2 combo packets link load	Fals
✓ Send a Syslog message □ Turn on the front-panel Flag LED	IPS 1 combo packets link load	True
Disable the following ports (force link-down):	IPS 2 combo packets link load	True

True/Active True/Active True/Active False/Inactive False/Inactive False/Inactive

False/Inactive

False/Inactive True/Active False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive True/Active False/Inactive

False/Inactive

False/Inactive

False/Inactive

False/Inactive

True/Active

False/Inactive

28 29: Imperva 1 combo packets lin 30: Imperva 2 combo packets lin 31: IPS 1 combo packets link loa 32: IPS 2 combo packets link loa 33 34 35	k load d Impe	rigger Name: erva 1 combo packets link load Save Trigger Erase Trigger
This Trigger will be True/Active: Bas	ed upon other Triggers	•
Selected Trigger(s):		
General passthrough	IPS 1 Packets	IPS 2 Packets
IPS 2 Link Status	IPS 1 combo Link and Load	IPS 2 combo Link and Load
IPS 1 2 combo packets	IPS 1 2 combo link status	IPS combo
Imperva 1 Load	Imperva 2 Load	Imperva 1 Packets
Imperva 1 combo Link and Load		
Imperva 1 2 combo link status	Imperva combo	Imperva 2 combo packets link load
IPS 1 combo packets link load	IPS 2 combo packets link load	κ.
Activate this Trigger whenever:		
Any 💌 of the selected triggers all	re 💽 TRU	JE/ACTIVE
Make this Trigger True/Active only whe east 0 seconds.	n the above conditions have t	been met continuously for at
Revert this Trigger back to False/Inacti east 0 seconds.	ve only after the above condit	ions have not been met continuously for at
When this Trigger is True/Active then to Apply any Monitor Settings or Bypa Send an SNMP Trap/Notification		oned on this Trigger.
Send an SNMP Trap/Notification		

Current Trigger Sta	ates			
General passthrough	True/Active			
IPS 1 Packets	True/Active			
IPS 2 Packets	True/Active			
IPS 1 Load	False/Inactive			
IPS 2 Load	False/Inactive			
IPS 1 Link Status	True/Active			
IPS 2 Link Status	False/Inactive			
IPS 1 combo Link and Load	False/Inactive			
IPS 2 combo Link and Load	False/Inactive			
IPS 1 2 combo packets	True/Active			
IPS 1 2 combo link status	False/Inactive			
IPS combo	True/Active			
Imperva 1 Load	False/Inactive			
Imperva 2 Load	False/Inactive			
Imperva 1 Packets	True/Active			
Imperva 2 Packets	False/Inactive			
Imperva 1 Link Status	True/Active			
Imperva 2 Link Status	False/Inactive			
Imperva 1 combo Link and Load	False/Inactive			
Imperva 2 combo Link and Load	False/Inactive			
Imperva 1 2 combo packets	False/Inactive			
Imperva 1 2 combo link status	False/Inactive			
Imperva combo	False/Inactive			
Imperva 1 combo packets link load	True/Active			
Imperva 2 combo packets link load	False/Inactive			
IPS 1 combo packets link load	True/Active			
IPS 2 combo packets link load	True/Active			
	1			

Trigger Policies	Course t Talance Of	- 4
	Current Trigger St	ates
28 29: Imperva 1 combo packets link load	General passthrough	True
30: Imperva 2 combo packets link load Trigger Name:	IPS 1 Packets	True
31: IPS 1 combo packets link load 32: IPS 2 combo packets link load	IPS 2 Packets	True
33 34 Save Trigger Erase Trigger	IPS 1 Load	False
35	IPS 2 Load	False
This Trigger will be True/Active: Based upon other Triggers	IPS 1 Link Status	True
	IPS 2 Link Status	False
Selected Trigger(s):	IPS 1 combo Link and Load	False
General passthrough IPS 1 Packets IPS 2 Packets	IPS 2 combo Link and Load	False
IPS 1 Load IPS 2 Load IPS 1 Link Status	IPS 1 2 combo packets	True
IPS 2 Link Status Load IPS 1 combo Link and IPS 2 combo Link and Load	IPS 1 2 combo link status	False
IPS 1 2 combo packets IPS 1 2 combo link status IPS combo	IPS combo	True
Imperva 1 Load Imperva 2 Load Imperva 1 Packets	Imperva 1 Load	False
Imperva 2 Packets Imperva 1 Link Status Imperva 2 Link Status	Imperva 2 Load	False
Imperva 1 combo Link and Imperva 2 combo Link and Imperva 1 2 combo packets Load	Imperva 1 Packets	True
Imperva 1 2 combo link Imperva combo status	Imperva 2 Packets	Fals
IPS 1 combo packets link	Imperva 1 Link Status	True
load load	Imperva 2 Link Status	Fals
Activate this Trigger whenever: Any v of the selected triggers are v TRUE/ACTIVE v	Imperva 1 combo Link and Load	False
Make this Trigger True/Active only when the above conditions have been met continuously for at	Imperva 2 combo Link and Load	False
least 0 seconds.	Imperva 1 2 combo packets	False
Revert this Trigger back to False/Inactive only after the above conditions have not been met continuously for at	Imperva 1 2 combo link status	Fals
least 0 seconds.	Imperva combo	Fals
When this Trigger is True/Active then take these actions:	Imperva 1 combo packets link load	True
Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger.	Imperva 2 combo packets link load	Fals
Send a Syslog message	IPS 1 combo packets link load	True
Turn on the front-panel Flag LED	IPS 2 combo packets link load	True
Disable the following ports (force link-down):		

True/Active True/Active True/Active False/Inactive False/Inactive True/Active False/Inactive False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive False/Inactive True/Active False/Inactive True/Active False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive False/Inactive

True/Active

	Trigger Policies		Current Trigger Sta	ates
28 29: Imperva 1 combo packets link 30: Imperva 2 combo packets link 31: IPS 1 combo packets link load 32: IPS 2 combo packets link load 33 34 35	tioad IPS 1 c	ger Name: combo packets link load ve Trigger Erase Trigger	General passthrough IPS 1 Packets IPS 2 Packets IPS 1 Load IPS 2 Load	True/Active True/Active True/Active False/Inactive
This Trigger will be True/Active: Base	ed upon other Triggers	•	IPS 1 Link Status	True/Active
			IPS 2 Link Status	False/Inactiv
elected Trigger(s):			IPS 1 combo Link and Load	False/Inactiv
General passthrough	IPS 1 Packets	IPS 2 Packets	IPS 2 combo Link and Load	False/Inactiv
IPS 1 Load	IPS 2 Load	IPS 1 Link Status	IPS 1 2 combo packets	True/Active
IPS 2 Link Status	IPS 1 combo Link and	IPS 2 combo Link and Load	IPS 1 2 combo link status	False/Inactiv
IPS 1 2 combo packets	IPS 1 2 combo link status	IPS combo	IPS combo	True/Active
🗖 Imperva 1 Load	Imperva 2 Load	Imperva 1 Packets	Imperva 1 Load	False/Inactiv
Imperva 2 Packets	Imperva 1 Link Status	Imperva 2 Link Status	Imperva 2 Load	False/Inactiv
Load	Imperva 2 combo Link and Load	Imperva 1 2 combo	Imperva 1 Packets	True/Active
Imperva 1 2 combo link	Imperva combo	Imperva 1 combo packets	Imperva 2 Packets	False/Inactiv
Imperva 2 combo packets	IPS 2 combo packets link		Imperva 1 Link Status	True/Active
link load	load		Imperva 2 Link Status	False/Inactiv
Any v of the selected triggers	e 🔽 TRUE	ACTIVE -	Imperva 1 combo Link and Load	False/Inactiv
ake this Trigger True/Active only when			Imperva 2 combo Link and Load	False/Inactiv
seconds.		, <u>.</u>	Imperva 1 2 combo packets	False/Inactiv
	e only after the above condition	s have not been met continuously for at	Imperva 1 2 combo link status	False/Inactiv
ast () seconds.			Imperva combo	False/Inactiv
/hen this Trigger is True/Active then ta			Imperva 1 combo packets link load	True/Active
✓ Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. □ Send an SNMP Trap/Notification		Imperva 2 combo packets link load	False/Inactiv	
Send a Syslog message			IPS 1 combo packets link load	True/Active
Turn on the front-panel Flag LED			IPS 2 combo packets link load	True/Active
Disable the following ports (force li	nk-down):		n o z dombo packets mik idad	nderAdive

	Trigger Policies		Current Trigger Sta	ates
28 29: Imperva 1 combo packets link 30: Imperva 2 combo packets link 31: IPS 1 combo packets link load 32: IPS 2 combo packets link load 33 34	c load d d IPS 2 c	ger Name: combo packets link load we Trigger Erase Trigger	General passthrough IPS 1 Packets IPS 2 Packets IPS 1 Load	True/Active True/Active True/Active False/Inactive
35	•		IPS 2 Load	False/Inactive
This Trigger will be True/Active: Base	ed upon other Triggers	•	IPS 1 Link Status	True/Active
			IPS 2 Link Status	False/Inactive
Selected Trigger(s):			IPS 1 combo Link and Load	False/Inactive
General passthrough	IPS 1 Packets	IPS 2 Packets	IPS 2 combo Link and Load	False/Inactive
IPS 1 Load	IPS 2 Load	IPS 1 Link Status	IPS 1 2 combo packets	True/Active
IPS 2 Link Status	IPS 1 combo Link and	IPS 2 combo Link and Load	IPS 1 2 combo link status	False/Inactive
IPS 1 2 combo packets	IPS 1 2 combo link status	IPS combo	IPS combo	True/Active
Imperva 1 Load	Imperva 2 Load	Imperva 1 Packets	Imperva 1 Load	False/Inactive
Imperva 2 Packets	Imperva 1 Link Status	Imperva 2 Link Status	Imperva 2 Load	False/Inactive
Imperva 1 combo Link and Load	Imperva 2 combo Link and Load	Imperva 1 2 combo packets	Imperva 1 Packets	True/Active
Imperva 1 2 combo link	Imperva combo	Imperva 1 combo packets	Imperva 2 Packets	False/Inactive
Imperva 2 combo packets	IPS 1 combo packets link		Imperva 1 Link Status	True/Active
link load	load		Imperva 2 Link Status	False/Inactive
Activate this Trigger whenever:	e 🔽 TRUE	ACTIVE -	Imperva 1 combo Link and Load	False/Inactive
Make this Trigger True/Active only when	Make this Trigger True/Active only when the above conditions have been met continuously for at			False/Inactive
least 0 seconds.			Imperva 1 2 combo packets	False/Inactive
	ve only after the above condition	is have not been met continuously for at	Imperva 1 2 combo link status	False/Inactive
least () seconds.			Imperva combo	False/Inactive
When this Trigger is True/Active then take these actions:			Imperva 1 combo packets link load	True/Active
 Apply any Monitor Settings or Bypass Settings which are conditioned on this Trigger. Send an SNMP Trap/Notification 			Imperva 2 combo packets link load	False/Inactive
Send a Syslog message			IPS 1 combo packets link load	True/Active
Turn on the front-panel Flag LED			IPS 2 combo packets link load	True/Active
Disable the following ports (force li	ink-down):			