



Hewlett Packard
Enterprise

Synergy Virtual Connect Read-Only CLI User Guide

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Introduction

The VC SE 40Gb F8 Interconnect Module and the VC SE 100Gb F32 Interconnect Module support a read-only command line interface (CLI) which can be enabled for the netop user. The command line interface is disabled by default in HPE OneView 4.20 and later. The command line can be enabled and the password set for the netop user via the HPE OneView 4.20 or later REST API. There are example PowerShell scripts such as <https://github.com/jullienl/HPE-Synergy-OneView-demos/blob/master/Powershell/Virtual%20Connect/Set-netopUser.ps1> illustrating how to enable the account.

Starting with HPE OneView 6.0 the account can also be enabled and the password set with the HPE OneView UI. Search for “Configure read-only CLI access” in the HPE OneView Synergy online help for details on managing this account.

Commands

Command	dump canmic-block { <block-id (0-255)> all }	
Help	dump	Displays the configuration/statistics/general information
	canmic-block (0-255)	Canmic Cached Blocks block Id
	all	all blocks information
Sample output	<pre>OneView# dump canmic-block 2 Dump Block Info ----- Block Information 2 : Drawer Open : Close Health LED : OK UID LED : OFF CPU Reset : Normal operation Device Reset : Normal operation OneView# OneView# dump canmic-block 123 Dump Block Info ----- % Invalid Command OneView#</pre>	

Command	dump interconnect cpu-util history samples [switchid <integer>]	
Help	dump	Displays the configuration/statistics/general information
	interconnect	Interconnect related configuration
	cpu-util	CPU Utilization
	history	Past details
	samples	Samples collected
	switchid	ID of the switch

Sample output	<pre> OneView# dump interconnect cpu-util history samples switchid 1 Switch 1 ----- Sample No. CpuUtilValue Time Recorded 1 7 09/29/2020 11:22:43 2 6 09/29/2020 11:22:53 3 6 09/29/2020 11:23:03 4 6 09/29/2020 11:23:13 5 6 09/29/2020 11:23:24 6 7 09/29/2020 11:23:34 7 6 09/29/2020 11:23:44 8 6 09/29/2020 11:23:54 9 6 09/29/2020 11:24:04 10 6 09/29/2020 11:24:14 11 6 09/29/2020 11:24:25 12 6 09/29/2020 11:24:35 13 6 09/29/2020 11:24:45 14 6 09/29/2020 11:24:55 15 6 09/29/2020 11:25:05 16 6 09/29/2020 11:25:15 17 6 09/29/2020 11:25:26 18 7 09/29/2020 11:25:36 19 6 09/29/2020 11:25:46 20 6 09/29/2020 11:25:56 21 6 09/29/2020 11:26:06 22 6 09/29/2020 11:26:16 23 6 09/29/2020 11:26:27 24 6 09/29/2020 11:26:37 25 6 09/29/2020 11:26:47 26 6 09/29/2020 11:26:57 27 6 09/29/2020 11:27:07 28 6 09/29/2020 11:27:17 29 6 09/29/2020 11:27:28 30 6 09/29/2020 11:27:38 Aggregate of last 30 samples = 7 percentage OneView# </pre>
---------------	--

Command	dump np-la-db
Help	dump Displays the configuration/statistics/general information np-la-db NP LA related information
Sample output	<pre> OneView# dump np-la-db port-channel : po2 HwTrunkId : 0 Number of configured ports : 2 Number of active ports : 2 Number of local ports : 1 Number of remote ports : 1 Selection Policy : 3 multicast : enabled multicast index : 0 IfName unit ModuleId Distributing ----- </pre>

Ten-GigabitEthernet0/0/5:3	0	0	Enabled
Ten-GigabitEthernet1/0/5:3	0	1	Enabled
+++++			
port-channel	: po3		
HwTrunkId	: 1		
Number of configured ports	: 1		
Number of active ports	: 1		
Number of local ports	: 0		
Number of remote ports	: 1		
Selection Policy	: 3		
multicast	: disabled		
multicast index	: 0		
IfName	unit	ModuleId	Distributing

Ten-GigabitEthernet1/0/5:4	0	1	Enabled
+++++			
port-channel	: po4		
HwTrunkId	: 2		
Number of configured ports	: 1		
Number of active ports	: 1		
Number of local ports	: 1		
Number of remote ports	: 0		
Selection Policy	: 3		
multicast	: enabled		
multicast index	: 0		
IfName	unit	ModuleId	Distributing

Ten-GigabitEthernet0/0/5:4	0	0	Enabled
+++++			
port-channel	: po5		
HwTrunkId	: 3		
Number of configured ports	: 2		
Number of active ports	: 2		
Number of local ports	: 1		
Number of remote ports	: 1		
Selection Policy	: 3		
multicast	: enabled		
multicast index	: 0		
IfName	unit	ModuleId	Distributing

FortyGigE0/0/3	0	0	Enabled
FortyGigE1/0/3	0	1	Enabled
+++++			
port-channel	: po6		
HwTrunkId	: 4		
Number of configured ports	: 4		
Number of active ports	: 4		
Number of local ports	: 2		
Number of remote ports	: 2		
Selection Policy	: 3		
multicast	: enabled		
multicast index	: 0		
IfName		unit	ModuleId
Distributing			

Ten-GigabitEthernet0/0/5:2	0	0	Enabled
Ten-GigabitEthernet1/0/5:2	0	1	Enabled
Ten-GigabitEthernet0/0/5:1	0	0	Enabled
Ten-GigabitEthernet1/0/5:1	0	1	Enabled
+++++			
+++++			
Egress Mask ACL information:			
Egress Mask ACL entry id: 120			
Egress Mask port list :			

	FortyGigE0/0/3,Ten-GigabitEthernet0/0/5:1,Ten-GigabitEthernet0/0/5:2,Ten-GigabitEthernet0/0/5:3, +++++
	OneView#

Command	dump {{ task que sem } name [<string(4)>] protocol-locked }
Help	<p>dump Displays the configuration/statistics/general information</p> <p>task Show the task related information</p> <p>sem Show the semaphore related information</p> <p>que Show the queue related information</p> <p>name Represents the os resource name</p> <p><string(4)> Represents the task/queue/semaphore name to which related details are shown</p>
Sample output	<pre>OneView# dump task name C300 Name Pending Prio Stack Events ----- C300 0 11 2044 OneView# OneView# dump que name SMQ Name ID Q Depth MaxMsgLen Queued OverFlows ----- - SMQ 29aa0b68 10 8 0 0 OneView# OneView# dump sem name VCM Utilized Sem Count : 873 Name Num Tasks Blocked ----- VCM 0 10 OneView#</pre>

Command	echo <string1> [<string2> [<string3> [<string4> [<string5>]]]]
Help	<p>echo echo</p> <p>string1 stringname</p>
Sample output	<pre>OneView# echo test test ----- OneView#</pre>

Command	exit
Help	exit Exit from USEREXEC mode
Sample output	<pre>OneView# exit Connection closed by foreign host</pre>

Command	help [command]
Help	help Displays help for the command
Sample output	<pre>OneView# help listuser EXEC commands : listuser [Desc]: List all valid users, along with their permissible mode OneView#</pre>

Command	listuser
Help	listuser List the user,mode and groups
Sample output	<pre>OneView# listuser USER MODE PRIVILEGE netop / 1 OneView / 15 OneView#</pre>

Command	lock
Help	lock Lock the console
Sample output	<pre>OneView# lock CLI console locked Enter Password to unlock the console:</pre>

Command	logout user
Help	logout Terminate the session user user Access
Sample output	<pre>OneView# logout user Connection closed by foreign host</pre>

Command	ping [ip] {<IpAddress> <dns_host_name> } [data (0-65535)] [df-bit] [{repeat count} <packet_count (1-10)>] [size <packet_size (36-2080)>][source <ip-address>] [timeout <time_out (1-100)>] [validate]
Help	<pre>ping Sends echo messages <dns_host_name> host name A.B.C.D IP address of the node to be pinged ip IP related configuration data Configure size of data <hex_str> Data to be sent in ping message count Number of times the given node address is to be pinged df-bit Specifies whether or not the Don't Fragment (DF) bit is to be set on the ping packet repeat Configures number of ping messages size Configures size of the ping message</pre>

	source IP address of the router to use as a source address for the probes timeout Time in seconds after which the entity waiting for the ping response times out validate Validate the reply data
Sample output	<pre>OneView# ping ip 15.186.26.136 Reply Received From :15.186.26.136, TimeTaken : 10 msecs Reply Received From :15.186.26.136, TimeTaken : 19 msecs Reply Received From :15.186.26.136, TimeTaken : 19 msecs --- 15.186.26.136 Ping Statistics --- 3 Packets Transmitted, 3 Packets Received, 0% Packets Loss OneView#</pre>

Command	set cli pagination {on off}
Help	set Configures the parameters cli CLI related configuration pagination Enables / Disables pagination off Disables pagination on Enables pagination
Sample output	<pre>OneView# set cli pagination on OneView#</pre>

Command	show access-lists [{ip <access-list-number (1-65535)> mac <access-list-number (1-65535)> user-defined <access-list-number (1-65535)> <access-list-number (1-65535)> }]
Help	show Displays the configuration / statistics / general information access-lists Access list related configuration ip IP address related configuration mac MAC address related configuration user-defined (1-65535) User Defined ACL related configuration IP/MAC/User Defined access list number
Sample output	<pre>OneView# show access-lists mac 102 Extended MAC Access List 102 ----- Filter Priority : 200 Ether Type : 0 Protocol Type : 35092 Vlan Id : 0 Destination MAC Address : 00:00:00:00:00:00 Source MAC Address : 00:00:00:00:00:00 In Port List : TwentyGigE0/1/7 , TwentyGigE0/1/1 , TwentyGigE0/1/8 , TwentyGigE0/1/2 , TwentyGigE0/1/9 , TwentyGigE0/1/3 , TwentyGigE0/1/10 , TwentyGigE0/1/4 , TwentyGigE0/1/11 , TwentyGigE0/1/5 , TwentyGigE0/1/12 , TwentyGigE0/1/6 , Ten-GigabitEthernet0/0/2:1 , Ten- GigabitEthernet0/0/2:2 , FortyGigE0/0/4 , Ten-GigabitEthernet0/0/5:1 , Ten- GigabitEthernet0/0/5:2 , Ten-GigabitEthernet0/0/5:3 , Ten- GigabitEthernet0/0/5:4</pre>

	<pre> , TwentyGigE1/1/1 , TwentyGigE1/1/7 , TwentyGigE1/1/2 , TwentyGigE1/1/8 , TwentyGigE1/1/3 , TwentyGigE1/1/9 , TwentyGigE1/1/4 , TwentyGigE1/1/10 , TwentyGigE1/1/5 , TwentyGigE1/1/11 , TwentyGigE1/1/6 , TwentyGigE1/1/12 , FortyGigE1/0/3 , Ten- GigabitEthernet1/0/5:1 , Ten-GigabitEthernet1/0/5:2 , Ten- GigabitEthernet1/0/5:3 , Ten-GigabitEthernet1/0/5:4 In Port Channel List : NIL Out Port List : NIL Out Port Channel List : NIL Filter Action : Permit Redirect Port List : Filter Creation Mode : External Status : Active Counter Status : Disabled Match Count : 0 Inner Vlan : 0 Inner Vlan Priority : None Outer Vlan Priority : None Packet Tag Type : Single-tag OneView# OneView# show access-lists ip 102 % Invalid IP Access List OneView# </pre>
--	--

Command	show application-priority global info	
Help	show	Displays the configuration / statistics / general information
	application-priority	Application priority related configuration
	global	Global configuration
	info	Information about the Application priority feature
Sample output	<pre> OneView# show application-priority global info Application Priority GLOBAL Info ----- Application Priority System control status : Start Application Priority Module status : Enabled Application Priority Trap Count : 0 Trap(s) Enabled: ----- None OneView# </pre>	

Command	show audit [filestat]	
Help	show	Displays the configuration / statistics / general information
	audit	Audit Log related information
	filestat	Displays rollover counter and number of messages received
Sample output	<pre> OneView# show audit filestat :58:50 2020 INFO: Audit: Switch in LEGACY Oper Mode Wed Sep 30 07:05:39 2020 </pre>	

	INFO: Audit:s0ulp2p3o4r5t6 Logging out ...! SUCCESS SSH 127.0.0.1 Wed Sep 30 07:38:29 2020 INFO: Audit:netop Logging in ...! SUCCESS SSH 127.0.0.1 Wed Sep 30 07:38:50 2020 INFO: Audit:netop Logging out ...! SUCCESS SSH 127.0.0.1 Wed Sep 30 07:42:22 2020 INFO: Audit:netop Logging in ...! SUCCESS SSH 127.0.0.1 Wed Sep 30 07:45:44 2020 INFO: Audit:netop Logging out ...! SUCCESS SSH 127.0.0.1 Wed Sep 30 07:53:20 2020 INFO: Audit:netop Logging in ...! SUCCESS SSH 127.0.0.1 Wed Sep 30 07:53:49 2020 INFO: Audit: User [OneView] Deletion SUCCESS Wed Sep 30 09:06:19 2020 INFO: Audit: New User [OneView] Creation SUCCESS Wed Sep 30 09:06:19 2020 INFO: Audit: User [OneView] Deletion SUCCESS Wed Sep 30 09:11:17 2020 INFO: Audit: New User [OneView] Creation SUCCESS Wed Sep 30 09:11:17 2020 OneView#
--	--

Command	show auto-split-status { {<ifttype> <ifnum>} all }		
Help	show	Displays the configuration / statistics / general information	
	auto-split-status	Displays the auto-split support on an interface	
	all	All uplink ports	
Sample output	OneView# show auto-split-status all		
	IfIndex status -----	Interface -----	Auto-split -----
	97	FortyGigE0/0/1	Disabled
	103	Ten-GigabitEthernet0/0/2:1	Disabled
	104	Ten-GigabitEthernet0/0/2:2	Disabled
	105	Ten-GigabitEthernet0/0/2:3	Disabled
	106	Ten-GigabitEthernet0/0/2:4	Disabled
	107	FortyGigE0/0/3	Disabled
	112	FortyGigE0/0/4	Disabled
	118	Ten-GigabitEthernet0/0/5:1	Disabled
	119	Ten-GigabitEthernet0/0/5:2	Disabled
	120	Ten-GigabitEthernet0/0/5:3	Disabled
	121	Ten-GigabitEthernet0/0/5:4	Disabled
	122	FortyGigE0/0/6	Disabled
	235	FortyGigE1/0/1	Disabled
	240	FortyGigE1/0/2	Disabled
	245	FortyGigE1/0/3	Disabled
	250	FortyGigE1/0/4	Disabled
	256	Ten-GigabitEthernet1/0/5:1	Disabled
	257	Ten-GigabitEthernet1/0/5:2	Disabled
	258	Ten-GigabitEthernet1/0/5:3	Disabled
	259	Ten-GigabitEthernet1/0/5:4	Disabled
	260	FortyGigE1/0/6	Disabled
	OneView#		
	OneView# show auto-split-status fortyGigE 0/0/1		
	IfIndex status -----	Interface -----	Auto-split -----
	97	FortyGigE0/0/1	Disabled
	OneView#		

Command	show canmic statistics	
Help	show	Displays the configuration / statistics / general information
	canmic	Canmic related information
	statistics	statistics information
Sample output	<pre> OneView# show canmic statistics CANMIC Client Statistics ----- No of handshake initiated : 3 No of handshake successful : 3 No of handshake failure : 0 No of WRITE failure : 2 No of READ failure : 0 No of DIRTY failure : 0 No of I2C failure : 0 No of CRC mismatch : 0 No of UNINIT failure : 0 OneView# </pre>	

Command	show canmic version	
Help	show	Displays the configuration / statistics / general information
	canmic	Canmic related information
	version	Version information
Sample output	<pre> OneView# show canmic version CANMIC Firmware Version ----- Major Version : 1 Minor Version : 1 OneView# </pre>	

Command	show claim-receipt	
Help	show	Displays the configuration / statistics / general information
	claim-receipt	Stacking related configuration
Sample output	<pre> OneView# show claim-receipt Claim receipt details ----- Mgmt-Domain-Id : d22a8b66-3e50-4bbd-8fa4-99e69ad23d65 Stacking-Domain-Id : 55 Stacking-Member-Id : 1 OneView# </pre>	

Command	show class-map [<class-map-id(1-65535)>]	
Help	show	Displays the configuration / statistics / general information
	class-map	Class map related configuration

	(1-65535) Class map number
Sample output	<pre> OneView# show class-map 1 QoS Class Map Entries ----- ClassMapId : 1 L2FilterId : None L3FilterId : None PriorityMapId : 1 CLASS : 1 PolicyMapId : 1 PreColor : None Status : Active OneView# </pre>

Command	show class-to-priority-map <group-name(31)>
Help	<pre> show Displays the configuration / statistics / general information class-to-priority-map Priority map configuration for the specified class <string(31)> Name of the group to which an input class belongs </pre>
Sample output	<pre> OneView# show class-to-priority-map 140 QoS Class To Priority Map Entries ----- GroupName : 140 Class LocalPriority OneView# </pre>

Command	show clock
Help	<pre> show Displays the configuration / statistics / general information clock Configures clock related information </pre>
Sample output	<pre> OneView# show clock Wed Sep 30 09:59:44 2020 (UTC +00:00) OneView# </pre>

Command	show clock properties
Help	<pre> show Displays the configuration / statistics / general information clock Configures clock related information properties Clock properties related Information </pre>
Sample output	<pre> OneView# show clock properties System Clock Information ----- Variance : 0 Class : 248 Accuracy : 254 Source : NTP Offset : 0 (UTC) HoldOver : Enabled </pre>

	Clock in sync with time source OneView#
--	--

Command	show config log
Help	show Displays the configuration / statistics / general information config Configuration related information log Audit Log related information
Sample output	OneView# show config log Audit Status : Enabled Audit File Name : /data/nos/audit.txt Audit File Size : 1048576 Audit Log Size Threshold : 70 OneView#

Command	show connmap_table
Help	show Displays the configuration / statistics / general information connmap_table Table related info
Sample output	OneView# show connmap_table Server Port Index Server Port FCID Server Port WWN Storage Port WWN ----- S-Channel0/1/5:3 01:00:07 22:22:01:31:fc:da:aa:02 20:21:00:02:ac:01:d0:46 21:21:00:02:ac:01:d0:46 S-Channel1/1/5:3 01:01:05 22:22:01:31:fc:da:bb:02 20:24:00:02:ac:01:d0:46 21:23:00:02:ac:01:d0:46 OneView#

Command	show cpld register [<integer (0-258)>]
Help	show Displays the configuration / statistics / general information cpld CPLD related information register Displays CPLD register (0-258) CPLD register number
Sample output	OneView# show cpld register 258 Cpld Register 258 : 255 OneView#

Command	show cpld revision	
Help	show	Displays the configuration / statistics / general information
	cpld	CPLD related information
	revision	Displays the CPLD revision
Sample output	<pre>OneView# show cpld revision CPLD Revision ----- CPLD Revision : Revision - 23 OneView#</pre>	

Command	show cru bufferindex {<integer (0-799)>}	
Help	show	Displays the configuration / statistics / general information
	cru	CRU_BUFFER related information
	bufferindex	Gives details about CRU_BUFFER for a particular buffer
	(0-799)	Buffer index value
Sample output	<pre>OneView# show cru bufferindex 2 CRU at this index 2 is buf_block_free OneView# show cru bufferindex 799 CRU at this index 799 is buf_block_free OneView# show cru bufferindex 23 CRU at this index 23 is buf_block_free OneView#</pre>	

Command	show cru { detail summary }	
Help	show	Displays the configuration / statistics / general information
	cru	CRU_BUFFER related information
	detail	Gives details about CRU_BUFFER
	summary	Gives summary about CRU_BUFFER
Sample output	<pre>OneView# show cru detail ===== CRU Chain Descriptor allocated at Index [5] ===== CRU Chain Descriptor allocated at Index [19] ===== CRU Chain Descriptor allocated at Index [22] ===== CRU Chain Descriptor allocated at Index [24] ===== CRU Chain Descriptor allocated at Index [39] ===== CRU Chain Descriptor allocated at Index [40] ===== CRU Chain Descriptor allocated at Index [42] ===== CRU Chain Descriptor allocated at Index [44] ===== CRU Chain Descriptor allocated at Index [70] ===== CRU Chain Descriptor allocated at Index [89] ===== CRU Chain Descriptor allocated at Index [90] ===== CRU Chain Descriptor allocated at Index [95] ===== CRU Chain Descriptor allocated at Index [96] ===== CRU Chain Descriptor allocated at Index [98] ===== CRU Chain Descriptor allocated at Index [101] ===== CRU Chain Descriptor allocated at Index [112] ===== CRU Chain Descriptor allocated at Index [119]</pre>	

	===== CRU Chain Descriptor allocated at Index [120]
	===== CRU Chain Descriptor allocated at Index [122]
	===== CRU Chain Descriptor allocated at Index [123]
	===== CRU Chain Descriptor allocated at Index [124]
	===== CRU Chain Descriptor allocated at Index [125]
	===== CRU Chain Descriptor allocated at Index [126]
	===== CRU Chain Descriptor allocated at Index [127]
	===== CRU Chain Descriptor allocated at Index [131]
	===== CRU Chain Descriptor allocated at Index [170]
	===== CRU Chain Descriptor allocated at Index [171]
	===== CRU Chain Descriptor allocated at Index [173]
	===== CRU Chain Descriptor allocated at Index [175]
	===== CRU Chain Descriptor allocated at Index [176]
	===== CRU Chain Descriptor allocated at Index [177]
	===== CRU Chain Descriptor allocated at Index [178]
	===== CRU Chain Descriptor allocated at Index [302]
	===== CRU Chain Descriptor allocated at Index [331]
	===== CRU Chain Descriptor allocated at Index [348]
	===== CRU Chain Descriptor allocated at Index [349]
	===== CRU Chain Descriptor allocated at Index [351]
	===== CRU Chain Descriptor allocated at Index [353]
	===== CRU Chain Descriptor allocated at Index [354]
	===== CRU Chain Descriptor allocated at Index [355]
	===== CRU Chain Descriptor allocated at Index [356]
	===== CRU Chain Descriptor allocated at Index [395]
	===== CRU Chain Descriptor allocated at Index [407]
	===== CRU Chain Descriptor allocated at Index [410]
	===== CRU Chain Descriptor allocated at Index [422]
	===== CRU Chain Descriptor allocated at Index [426]
	===== CRU Chain Descriptor allocated at Index [435]
	===== CRU Chain Descriptor allocated at Index [441]
	===== CRU Chain Descriptor allocated at Index [450]
	===== CRU Chain Descriptor allocated at Index [488]
	===== CRU Chain Descriptor allocated at Index [557]
	===== CRU Chain Descriptor allocated at Index [596]

	<pre> ===== CRU Chain Descriptor allocated at Index [622] ===== CRU Chain Descriptor allocated at Index [711] ===== CRU Chain Descriptor allocated at Index [791] ===== CRU Chain Descriptor allocated at Index [827] ===== CRU Chain Descriptor allocated at Index [835] ===== CRU Chain Descriptor allocated at Index [845] ===== CRU Chain Descriptor allocated at Index [936] ===== CRU Chain Descriptor allocated at Index [948] ===== CRU Chain Descriptor allocated at Index [1034] ===== CRU Chain Descriptor allocated at Index [1218] ===== CRU Chain Descriptor allocated at Index [1289] ===== CRU Chain Descriptor allocated at Index [1362] ===== CRU Chain Descriptor allocated at Index [1523] ===== CRU Chain Descriptor allocated at Index [1602] ===== CRU Chain Descriptor allocated at Index [1619] ===== CRU Chain Descriptor allocated at Index [1730] ===== CRU Chain Descriptor allocated at Index [1988] No of Units Free = 1930 OneView# </pre>
--	---

Command	show dcbx ports	
Help	show	Displays the configuration / statistics / general information
	dcbx	DCBX related configuration
	ports	Port related configuration
Sample output	<pre> OneView# show dcbx ports Port Admin Status DCBX Mode ----- FortyGigE0/0/1 Enabled AUTO Ten-GigabitEthernet0/0/2:1 Enabled AUTO Ten-GigabitEthernet0/0/2:2 Enabled AUTO Ten-GigabitEthernet0/0/2:3 Enabled AUTO Ten-GigabitEthernet0/0/2:4 Enabled AUTO FortyGigE0/0/3 Enabled AUTO FortyGigE0/0/4 Enabled AUTO Ten-GigabitEthernet0/0/5:1 Enabled AUTO Ten-GigabitEthernet0/0/5:2 Enabled AUTO Ten-GigabitEthernet0/0/5:3 Enabled AUTO Ten-GigabitEthernet0/0/5:4 Enabled AUTO FortyGigE0/0/6 Enabled AUTO FortyGigE1/0/1 Enabled AUTO FortyGigE1/0/2 Enabled AUTO FortyGigE1/0/3 Enabled AUTO FortyGigE1/0/4 Enabled AUTO Ten-GigabitEthernet1/0/5:1 Enabled AUTO </pre>	

	Ten-GigabitEthernet1/0/5:2 Enabled	AUTO
	Ten-GigabitEthernet1/0/5:3 Enabled	AUTO
	Ten-GigabitEthernet1/0/5:4 Enabled	AUTO
	FortyGigE1/0/6 Enabled	AUTO
	TwentyGigE0/1/1 Enabled	CEE
	TwentyGigE0/1/2 Enabled	CEE
	TwentyGigE0/1/3 Enabled	CEE
	TwentyGigE0/1/4 Enabled	CEE
	TwentyGigE0/1/5 Enabled	CEE
	TwentyGigE0/1/6 Enabled	CEE
	TwentyGigE0/1/7 Enabled	CEE
	TwentyGigE0/1/8 Enabled	CEE
	TwentyGigE0/1/9 Enabled	CEE
	TwentyGigE0/1/10 Enabled	CEE
	TwentyGigE0/1/11 Enabled	CEE
	TwentyGigE0/1/12 Enabled	CEE
	TwentyGigE1/1/1 Enabled	CEE
	TwentyGigE1/1/2 Enabled	CEE
	TwentyGigE1/1/3 Enabled	CEE
	TwentyGigE1/1/4 Enabled	CEE
	TwentyGigE1/1/5 Enabled	CEE
	TwentyGigE1/1/6 Enabled	CEE
	TwentyGigE1/1/7 Enabled	CEE
	TwentyGigE1/1/8 Enabled	CEE
	TwentyGigE1/1/9 Enabled	CEE
	TwentyGigE1/1/10 Enabled	CEE
	TwentyGigE1/1/11 Enabled	CEE
	TwentyGigE1/1/12 Enabled	CEE

	OneView#	

Command	show enclosure details	
Help	show	Displays the configuration / statistics / general information
	enclosure	Enclosure details information
	enclosure	Enclosure details information
Sample output	OneView# show enclosure details Enclosure Details ----- Enclosure Product Name : Synergy 12000 Frame Enclosure Serial Number : CN7545048L OneView#	

Command	show enode logged-in	
Help	show	Displays the configuration / statistics / general information
	enode	FCOE Node related information
	logged-in	Logged in ENode related information
Sample output	OneView# show enode logged-in INTERFACE VLAN ENODE MAC SESSION SESSION WITH ----- -----	

	S-Channel0/1/2:3	4090	ae:b8:9e:30:00:10	Active	Ten-
	GigabitEthernet0/0/2:1				
	S-Channel0/1/5:3	4089	ae:b8:9e:30:00:26	Active	Ten-
	GigabitEthernet0/0/4:1				
	S-Channel1/1/2:3	4092	ae:b8:9e:30:00:11	Active	Ten-
	GigabitEthernet1/0/2:1				
	S-Channel1/1/5:3	4094	ae:b8:9e:30:00:27	Active	Ten-
	GigabitEthernet1/0/4:1				

Command	show etherchannel	
Help	show	Displays the configuration / statistics / general information
	etherchannel	Etherchannel related information
Sample output	<pre> OneView# show etherchannel Port-channel Module Admin Status is enabled Port-channel Module Oper Status is enabled Port-channel Independent mode is disabled Traffic Shift Status : NOT INITIATED Port Affinity Status is enabled Port-channel Using Partner Admin Information : Yes Port-channel System Identifier is 50:65:f3:df:ef:07 LACP System Priority: 32768 Channel Group Listing ----- Group : 2 ----- Group Status : L2 Protocol : LACP Group : 3 ----- Group Status : L2 Protocol : LACP Group : 4 ----- Group Status : L2 Protocol : LACP Group : 5 ----- Group Status : L2 Protocol : LACP Group : 6 ----- Group Status : L2 Protocol : LACP </pre>	

Command	show etherchannel <channel-group-number(1-65535)> { detail load-balance port port-channel summary protocol }	
Help	show	Displays the configuration / statistics / general information
	etherchannel (1-65535)	Etherchannel related information Channel group number

	<p>detail Detailed etherchannel information</p> <p>load-balance Load-balance/frame-distribution scheme among ports in the port channel</p> <p>port Etherchannel port information</p> <p>port-channel Port channel information</p> <p>protocol Protocol used in the etherchannel</p> <p>summary Online summary per channel group</p>
Sample output	<pre> OneView# show etherchannel 4 detail Port-channel Module Admin Status is enabled Port-channel Module Oper Status is enabled Port-channel Independent mode is disabled Traffic Shift Status : NOT INITIATED Port Affinity Status is enabled Port-channel Using Partner Admin Information : Yes Port-channel System Identifier is 50:65:f3:df:ef:07 LACP System Priority: 32768 Channel Group Listing ----- Group: 4 ----- Protocol :LACP Ports in the Group ----- Port : Ten-GigabitEthernet0/0/5:3 ----- Port State = Up in Bundle Channel Group : 4 Mode : Active Port-channel = Po4 Pseudo port-channel = Po4 LACP port-priority = 128 LACP Wait-time = 2 secs LACP Port Identifier = 120 LACP Activity : Active LACP Timeout : Short PortSync status : Enabled OffLoad status : Enabled Using Partner Admin Information: No Aggregation State : Aggregation, Sync, Collecting, Distributing, Port : Ten-GigabitEthernet1/0/5:3 ----- Port State = Up in Bundle Channel Group : 4 Mode : Active Port-channel = Po4 Pseudo port-channel = Po4 LACP port-priority = 128 LACP Wait-time = 2 secs LACP Port Identifier = 258 LACP Activity : Active LACP Timeout : Short </pre>

```

PortSync status : Enabled
OffLoad status : Enabled
Using Partner Admin Information: No

Aggregation State : Aggregation, Sync, Collecting,
Distributing,

Port          Port          LACP Port  Admin  Oper
Port          State      Priority    Key    Key
Number      State
-----
Ten-GigabitEthernet0/0/5:3  Bundle  128        4      4
0x78      0xfc
Ten-GigabitEthernet1/0/5:3  Bundle  128        4      4
0x102     0xfc

Port-channel : Po4
-----

Number of Ports = 2
HotStandBy port = null
Port state = Port-channel Ag-Inuse
Protocol = LACP
Aggregator-MAC 5c:b9:01:47:22:8e
Maximum number of Ports = 16

Port-Channel Mtu          = 9394
Port-Channel High Speed   = 20000 Mbps
Port-Channel Member Ports High Speed = 10000 Mbps
Using Partner Admin Information: No

OneView#
OneView# show etherchannel 4 summary

Port-channel Module Admin Status is enabled
Port-channel Module Oper Status is enabled
Port-channel Independent mode is disabled

Traffic Shift Status : NOT INITIATED
Port Affinity Status is enabled
Port-channel Using Partner Admin Information : Yes
Port-channel System Identifier is 50:65:f3:df:ef:07
LACP System Priority: 32768

Flags:
D - down          P - in port-channel
I - stand-alone   H - Hot-standby (LACP only)
U - in-use        d - default port
R - Layer3
AD - Admin Down   AU - Admin Up
OD - Operative Down OU - Operative Up

Number of channel-groups in use: 3
Number of aggregators: 3

Group  Port-channel          Protocol  Ports
-----
4      Po4 (U) [AU,OU]         LACP      Ten-
GigabitEthernet0/0/5:3 (P), Ten-GigabitEthernet1/0/5:3 (P)

```

	<pre> OneView# OneView# show etherchannel 4 protocol Channel Group Listing ----- Group : 4 ----- Group Status : L2 Protocol : LACP OneView# </pre>
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Command	<code>show etherchannel egress-status {<channel-group-number(1-65535)> all }</code>
Help	<pre> show Displays the configuration / statistics / general information etherchannel Etherchannel related information egress-status Egress status related information (1-65535) Channel group number all all configured channel group </pre>
Sample output	<pre> OneView# show etherchannel egress-status all Port Affinity Status is enabled Channel Group: Po2 ----- Port : FortyGigE0/0/3 - Egress Status : DISABLE Port : FortyGigE1/0/3 - Egress Status : ENABLE Channel Group: Po3 ----- Port : Ten-GigabitEthernet0/0/5:1 - Egress Status : DISABLE Port : Ten-GigabitEthernet0/0/5:2 - Egress Status : DISABLE Port : Ten-GigabitEthernet1/0/5:1 - Egress Status : ENABLE Port : Ten-GigabitEthernet1/0/5:2 - Egress Status : ENABLE Channel Group: Po4 ----- Port : Ten-GigabitEthernet0/0/5:3 - Egress Status : DISABLE Port : Ten-GigabitEthernet1/0/5:3 - Egress Status : ENABLE Channel Group: Po5 ----- Port : Ten-GigabitEthernet1/0/5:4 - Egress Status : ENABLE Channel Group: Po6 ----- Port : Ten-GigabitEthernet0/0/5:4 - Egress Status : ENABLE No Port-channel available OneView# show etherchannel egress-status 4 Port Affinity Status is enabled Channel Group: Po4 ----- Port : Ten-GigabitEthernet0/0/5:3 - Egress Status : DISABLE Port : Ten-GigabitEthernet1/0/5:3 - Egress Status : ENABLE </pre>

	OneView#
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Command	show etherchannel { detail load-balance port port-channel summary protocol }	
Help	show	Displays the configuration / statistics / general information
	etherchannel	Etherchannel related information
	detail	Detailed etherchannel information
	load-balance	Load-balance/frame-distribution scheme among ports in the port channel
	port	Etherchannel port information
	port-channel	Port channel information
	protocol	Protocol used in the etherchannel
	summary	Online summary per channel group
Sample output	<pre> OneView# show etherchannel load-balance Channel Group Listing ----- Group : 2 ----- Source and Destination MAC Address Group : 3 ----- Source and Destination MAC Address Group : 4 ----- Source and Destination MAC Address Group : 5 ----- Source and Destination MAC Address Group : 6 ----- Source and Destination MAC Address OneView# OneView# show etherchannel summary Port-channel Module Admin Status is enabled Port-channel Module Oper Status is enabled Port-channel Independent mode is disabled Traffic Shift Status : NOT INITIATED Port Affinity Status is enabled Port-channel Using Partner Admin Information : Yes Port-channel System Identifier is 50:65:f3:df:ef:07 LACP System Priority: 32768 Flags: D - down P - in port-channel I - stand-alone H - Hot-standby (LACP only) U - in-use d - default port R - Layer3 AD - Admin Down AU - Admin Up OD - Operative Down OU - Operative Up Number of channel-groups in use: 5 Number of aggregators: 5 </pre>	

Group	Port-channel	Protocol	Ports

2	Po2 (U) [AU,OU]	LACP	
FortyGigE0/0/3 (P),FortyGigE1/0/3 (P)			
3	Po3 (U) [AU,OU]	LACP	Ten-
GigabitEthernet0/0/5:1 (P),Ten-GigabitEthernet0/0/5:2 (P)			
Ten-			
GigabitEthernet1/0/5:1 (P),Ten-GigabitEthernet1/0/5:2 (P)			
4	Po4 (U) [AU,OU]	LACP	Ten-
GigabitEthernet0/0/5:3 (P),Ten-GigabitEthernet1/0/5:3 (P)			
5	Po5 (U) [AU,OU]	LACP	Ten-
GigabitEthernet1/0/5:4 (P)			
6	Po6 (U) [AU,OU]	LACP	Ten-
GigabitEthernet0/0/5:4 (P)			
OneView#			
OneView# show etherchannel protocol			
Channel Group Listing			

Group : 2			

Group Status : L2			
Protocol : LACP			
Group : 3			

Group Status : L2			
Protocol : LACP			
Group : 4			

Group Status : L2			
Protocol : LACP			
Group : 5			

Group Status : L2			
Protocol : LACP			
Group : 6			

Group Status : L2			
Protocol : LACP			
OneView#			
OneView# show etherchannel port-channel			
Port-channel Module Admin Status is enabled			
Port-channel Module Oper Status is enabled			
Port-channel Independent mode is disabled			
Traffic Shift Status : NOT INITIATED			
Port Affinity Status is enabled			
Port-channel Using Partner Admin Information : Yes			
Port-channel System Identifier is 50:65:f3:df:ef:07			
LACP System Priority: 32768			
Channel Group Listing			

Group : 2			

Group State : L2			
Port-channels in the group:			

	<pre> Port-channel : Po2 ----- Number of Ports = 2 HotStandBy port = null Port state = Port-channel Ag-Inuse Protocol = LACP Aggregator-MAC 5c:b9:01:47:22:8e Maximum number of Ports = 16 Port-Channel Mtu = 9394 Port-Channel High Speed = 80000 Mbps Port-Channel Member Ports High Speed = 40000 Mbps Using Partner Admin Information: No OneView# </pre>
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Command	show ets global info	
Help	show	Displays the configuration / statistics / general information
	ets	Enhanced transmission selection configuration
	global info	Global configuration Information about the ets feature
Sample output	<pre> OneView# show ets global info Priority Grouping GLOBAL Info ----- ETS System control status : Start ETS Module status : Enabled ETS Admin Configuration Mode : QOS ETS Oper Configuration Mode : QOS ETS Trap Count : 0 Trap(s) Enabled: ----- None OneView# </pre>	

Command	show evb [tlv-cdcp] {local remote} [<interface-type> <interface-id>]	
Help	show	Displays the configuration / statistics / general information
	evb	EVb related configuration
	tlv-cdcp	tlv-cdcp related configuration
	local	Local component
	remote	Remote component
Sample output	<pre> OneView# show evb tlv-cdcp local fortyGigE 0/0/1 FortyGigE0/0/1 is DOWN EVb Config CDCP Tx State : Disable OneView# OneView# show evb local TwentyGigE0/1/1 is DOWN </pre>	

	<p>EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1]</p> <p>TwentyGigE0/1/2 is UP EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1],[2,2],[4,4],[5,5]</p> <p>TwentyGigE0/1/3 is UP EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1],[2,2]</p> <p>TwentyGigE0/1/4 is DOWN EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1]</p> <p>TwentyGigE0/1/5 is DOWN EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1]</p> <p>TwentyGigE0/1/6 is UP EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1]</p> <p>TwentyGigE0/1/7 is UP EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1],[2,2],[4,4]</p> <p>TwentyGigE0/1/8 is DOWN EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1]</p> <p>TwentyGigE0/1/9 is DOWN EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1] OneView# show evb remote</p> <p>TwentyGigE0/1/1 is DOWN EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1]</p> <p>TwentyGigE0/1/2 is UP EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1],[2,2],[4,4],[5,5]</p> <p>TwentyGigE0/1/3 is UP EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1],[2,2]</p> <p>TwentyGigE0/1/4 is DOWN EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1]</p> <p>TwentyGigE0/1/5 is DOWN EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1]</p> <p>TwentyGigE0/1/6 is UP EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1]</p> <p>TwentyGigE0/1/7 is UP EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1],[2,2],[4,4]</p> <p>TwentyGigE0/1/8 is DOWN EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1]</p> <p>TwentyGigE0/1/9 is DOWN EVB Config CDCP Tx State : Enable CDCP Pairs[SCID,SVID] : [1,1]</p>
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	OneView#
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Command	show evb detail
Help	<div>show Displays the configuration / statistics / general information</div> <div>evb EVB related configuration</div> <div>detail EVB related details</div>
Sample output	<pre>OneView# show evb detail EVB Global information ----- Context Name: Default ----- EVB System Status : Start EVB Module Status : Enabled EVB Trap Status : Disabled EVB Bridge Type : Bridge Number of EVB External ports : 274 gb1Flex10RemoteEnabled : 1 gb1Flex10LocalEnabled : 1 OneView#</pre>

Command	show evb hw [uap <interface-type> <interface-id> [s-channel-id <integer (1-4094)> service-vlan <integer (1-4094)>]]
Help	<div>show Displays the configuration / statistics / general Information</div> <div>evb EVB related configuration</div> <div>hw Hardware information</div> <div>uap UAP related configuration</div> <div><interface-type> Interface type</div> <div><0-1>/<0-12>/<1-136>:<1-4> Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]</div> <div>s-channel-id S-Channel Id related configuration</div> <div>(1-4094) service-vlan entries</div> <div>service-vlan service-vlan configured for the port</div> <div>(1-4094) service-vlan entries</div>
Sample output	<pre>OneView# show evb hw uap twentyGigE 0/1/1 s-channel-id 1 service-vlan 1 EVB SChannel HW Information ----- UAP Name : TwentyGigE0/1/1 SCID : 1 SVID : 1 Interface Index : 715 Hardware Index : 0x440012bc Filter Id : 0 TPID : PVID : 0 Acceptable Frame Type : Admit Only Untagged And Priority-Tagged Frames OneView#</pre>

Command	show evb s-channel [<interface-type> <interface-id>]	
Help	show Displays the configuration / statistics / general information evb EVB related configuration s-channel S-channel related information <interface-type> Interface type <0-1>/<0-12>/<1-136>:<1-4> Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]	
Sample output	<pre> OneView# show evb s-channel twentyGigE 0/1/1 TwentyGigE0/1/1 is DOWN EVB S-VID : 1 EVB CAP S-Channel ID : 1 EVB CAP Associate SBP Port : 341 EVB S-channel Oper Status : DOWN EVB CAP S-Channel Negotiation Status : Free EVB S-Channel Statistics Status : ENABLED Internal Vlan : 0 Network Type : None Network Set Type : Regular NS Error Type : VP_NS_ERROR_NONE EVB S-VID : 2 EVB CAP S-Channel ID : 2 EVB CAP Associate SBP Port : 342 EVB S-channel Oper Status : DOWN EVB CAP S-Channel Negotiation Status : Free EVB S-Channel Statistics Status : ENABLED Internal Vlan : 0 Network Type : None Network Set Type : Regular NS Error Type : VP_NS_ERROR_NONE OneView# </pre>	

Command	show evb uap {description statistics} [<interface-type> <interface-id>]	
Help	show Displays the configuration / statistics / general information evb EVB related configuration uap UAP related configuration description description about the UAP interface statistics statistics information <interface-type> Interface type <0-1>/<0-12>/<1-136>:<1-4> Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]	
Sample output	<pre> OneView# show evb uap description twentyGigE 0/1/1 TwentyGigE0/1/1 is DOWN EVB UAP Component Id : 0 EVB UAP Port : 2 EVB UAP Config IfIndex : 2 EVB UAP SCh CDCP AdminEnable : Enable </pre>	

	<pre> EVB UAP SchAdmin CDCP Role : Bridge EVB UAP SchAdmin CDCP ChanCap : 17 EVB UAP Sch Oper CDCP ChanCap : 17 EVB UAP Sch CDCP SVID Pool Low : 1 EVB UAP Sch CDCP SVID Pool High : 4094 EVB UAP Sch Oper State : Running EVB Sch Cdcop RemoteEnabled : Disable EVB Sch Cdcop RemoteRole : Station EVB UAP Sch Cdcop Mode : Hybrid Local Enable Vector : 1 Remote Enable Vector : OneView# show evb uap statistics twentyGigE 0/1/1 TwentyGigE0/1/1 is DOWN TxCdcopCount :2 RxCdcopCount :0 FailCount :0 ActiveFailCount :0 ExceedsCount :0 OtherDropCount :0 OneView# </pre>
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Command	show fc counters [<interface-type> <interface-id>]
Help	<pre> show Displays the configuration / statistics / general information fc fc counters counters <interface-type> Interface type <0-1>/<0-12>/<1-136>:<1-4> Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split] </pre>
Sample output	<pre> OneView# show fc counters ten-GigabitEthernet 0/0/3:1 Class3TxFrames : 2195 Class3RxFrames : 0 Class3Discards : 0 Class2TxFrames : 0 Class2RxFrames : 0 Class2Discards : 0 PortInvalidCRCs : 0 PortDelimiterErrors : 0 Rx Unicast Pkts : 0 Rx Good Frames : 0 RX BBCredit drops : 0 Frame Too Long Drops : 0 Runt Frames : 0 Link Failures : 0 LIP Count : 0 Loss of Signals : 0 Primitive Sequence Err: 0 Rx Invalid Orders : 0 Detected Running Disparity: 0 Rx No. of Octects : 0 Tx BBCredit0 State : 0 Tx No. of Octects : 0 Rx Broadcast Frames : 0 Rx Trunk Frames : 0 Other Errors : 0 NOS Count : 0 Rx Total No. of Error Frames: 0 </pre>

	Frames Dropped by Ingress Mapper: 0 Tx Unicast Frames : 0 Tx Broadcast Frames : 0 Tx Good Frames : 0 Tx FIFO Underrun : 0 Frames Dropped by Egress Mapper: 2196 OneView#
--	--

Command	show fcoe_pcg {<interface-type> <interface-id> all}
Help	show Displays the configuration / statistics / general information fcoe_pcg fcoe_pcg all Display all interfaces
Sample output	<pre> OneView# show fcoe_pcg all Port configuration : Ten-GigabitEthernet0/0/3:1 ----- Port Mode => 0 Port Speed => 3 TX BBC => 8 RX BBC => 15 R_T_TOV => 61035 SRC MAC => 58 20 b1 6c b3 68 DST MAC => 0 0 0 0 0 0 VLAN Tag => 81006f80 SRC FPMA Prefix => 0 DST FPMA Prefix => efc01 Mapper Length => 64 Ingress Mapper Bypass => 0 Ingress FC Mapper Table Input => 1 Ingress FC CRC Mode => 1 Ingress VFT Hdr Processing mode => 0 Ingress VLAN TAG Processing mode => 1 Egress Mapper Bypass => 0 Egress FC Mapper Table Input => 0 Egress FC CRC Mode => 1 Egress VFT Hdr Processing mode => 0 Egress VLAN TAG Processing mode => 0 SRC MAC Construct Mode => 2 DST MAC Construct Mode => 0 OneView# </pre>

Command	show fip-snooping fcf [vlan <integer(1-4094)> <iftype> <ifnum>]
Help	show Displays the configuration / statistics / general information fip-snooping FIP-snooping related configuration fcf Fibre Channel Forwarder (FCF) related configuration vlan VLAN related configuration (1-4094) Range of VLAN FortyGigE Forty Gigabit ethernet interface Ten-GigabitEthernet Ten Gigabit ethernet interface TwentyGigE Twenty Gigabit ethernet interface <0-1>/<0-12>/<1-136>:<1-4> Speed <stacking member id>/<Enclosure

	Id>/<[ServerBayId][QSFP Port]>:[Split]
Sample output	<pre> OneView# show fip-snooping fcf Vlan index : 3501 FCF IfIndex : Ten-GigabitEthernet0/0/2:1 FC-MAP : 0e:fc:00 FCF Mac Address : d8:94:03:28:27:2c Addressing Mode : FPMA Enode Login Count : 1 Name Id : 2d:ad:d8:94:03:28:27:25 Fabric Name : 2d:ad:d8:94:03:28:27:25 Pinned Port(s) : None OneView# </pre>

Command	show fip-snooping interfaces [vlan <integer(1-4094)> <iftyp> <ifnum>]	
Help	<pre> show fip-snooping interfaces vlan (1-4094) FortyGigE Ten-GigabitEthernet TwentyGigE <0-1>/<0-12>/<1-136>:<1-4> </pre>	<p>Displays the configuration / statistics / general information</p> <p>FIP-snooping related configuration</p> <p>Interface related configuration</p> <p>VLAN related configuration</p> <p>Range of VLAN</p> <p>Forty Gigabit ethernet interface</p> <p>Ten Gigabit ethernet interface</p> <p>Twenty Gigabit ethernet interface</p> <p>Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]</p>
Sample output	<pre> OneView# show fip-snooping interfaces Vlan ID Interface Port-Role ----- - 3501 Ten-GigabitEthernet0/0/2:1FCF Facing 3501 S-Channel0/1/1:3 Enode Facing 3502 Ten-GigabitEthernet1/0/2:1FCF Facing 3502 S-Channel1/1/1:3 Enode Facing OneView# </pre>	

Command	show fip-snooping session [vlan <integer(1-4094)> <iftyp> <ifnum>]	
Help	<pre> show fip-snooping session vlan (1-4094) FortyGigE Ten-GigabitEthernet TwentyGigE <0-1>/<0-12>/<1-136>:<1-4> </pre>	<p>Displays the configuration / statistics / general information</p> <p>FIP-snooping related configuration</p> <p>FIP-snooping session related configuration</p> <p>VLAN related configuration</p> <p>Range of VLAN</p> <p>Forty Gigabit ethernet interface</p> <p>Ten Gigabit ethernet interface</p> <p>Twenty Gigabit ethernet interface</p> <p>Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]</p>
Sample output	<pre> OneView# show fip-snooping session VlanId : 93 ENode IfIndex : S-Channel0/1/2:3 </pre>	

	ENode Mac Address : a6:1b:99:d0:01:0e FCF Mac Address : d8:94:03:9c:4a:9a FCoE Mac Address : 0e:fc:00:01:00:01 FC-MAP : 0e:fc:00 FCF IfIndex : po8 Name Id : 20:5d:d8:94:03:9c:4a:93 FC Id : 01:00:01 ENode Connect Type : FLOGI House Keeping Timer Status : Running OneView#
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Command	show fip-snooping statistics global [switch <string(32)>]
Help	show Displays the configuration / statistics / general information fip-snooping FIP-snooping related configuration statistics FIP-snooping statistics related global global FIP-snooping related configuration switch Switch related configuration <string(32)> Context name
Sample output	OneView# show fip-snooping statistics global Switch default FIP-snooping Global Statistics ----- Number of Vlan Requests : 0 Number of Vlan Notifications : 0 OneView#

Command	show fip-snooping statistics session [vlan <integer(1-4094)> <ifttype> <ifnum>]
Help	show Displays the configuration / statistics / general information fip-snooping FIP-snooping related configuration statistics FIP-snooping statistics related session FIP-snooping session related configuration vlan VLAN related configuration (1-4094) Range of VLAN FortyGigE Forty Gigabit ethernet interface Ten-GigabitEthernet Ten Gigabit ethernet interface TwentyGigE Twenty Gigabit ethernet interface <0-1>/<0-12>/<1-136>:<1-4> Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]
Sample output	OneView# show fip-snooping statistics session Vlan ID : 3502 ENodeIfIndex : S-Channel1/1/1:3 ENodeMAC : 0a:0c:5e:20:00:82 FcfMAC : d8:94:03:28:27:2c FCoEMAC : 0e:fc:00:01:00:02 EnodeKeepAlive : 66 VNPortKeepAlive : 5 OneView#

Command	show fip-snooping statistics vlan [switch <string(32)> vlan <integer(1-4094)>]	
Help	show	Displays the configuration / statistics / general information
	fip-snooping	FIP-snooping related configuration
	statistics	FIP-snooping statistics related
	vlan	VLAN related configuration
	switch	Switch related configuration
	<string(32)>	Context name
	vlan	VLAN related configuration
	(1-4094)	Range of VLAN
,,,,,,	<pre> OneView# show fip-snooping statistics vlan Vlan Statistics ----- Vlan ID : 3501 Number of Unicast Discovery Advertisement : 1 Number of Multicast Discovery Advertisement : 9 Number of Unicast Discovery Solicitation : 0 Number of Multicast Discovery Solicitation : 1 Number of FLOGI : 1 Number of FDISC : 0 Number of LOGO : 0 Number of FLOGI Accept : 1 Number of FLOGI Reject : 0 Number of FDISC Accept : 0 Number of FDISC Reject : 0 Number of LOGO Accept : 0 Number of LOGO Reject : 0 Number of Clear Link : 0 Number of FC-MAP MisMatch : 0 Number of MTU MisMatch : 0 Number of ACL Failure : 0 Number of Invalid : 0 FIP Frames : 0 Number of FCF Discovery : 0 Timeouts : 0 OneView# </pre>	

Command	show fip-snooping status [switch <string(32)>]	
Help	show	Displays the configuration / statistics / general information
	fip-snooping	FIP-snooping related configuration
	status	FIP-snooping status related configuration
	switch	Switch related configuration
	<string(32)>	Context name
Sample output	<pre> OneView# show fip-snooping status Switch default FIP-snooping Global Configuration ----- System Control : Start Module Status : Enabled </pre>	

	FC-MAP Mode : VLAN FC-MAP : 0e:fc:00 HouseKeeping Time : 300 seconds Trace Option : Enabled Trap Status : Disabled OneView#
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Command	show fip-snooping vlan [switch <string(32)> vlan <integer(1-4094)>]	
Help	show	Displays the configuration / statistics / general information
	fip-snooping	FIP-snooping related configuration
	switch	Switch related configuration
	<string(32)>	Context name
	vlan	VLAN related configuration
	(1-4094)	Range of VLAN
Sample output	OneView# show fip-snooping vlan FCoE-Vlan database ----- Context Name : default Vlan ID : 600 FC-MAP : 00:00:00 Pinned Port(s) : None Vlan Status : Enabled ----- Context Name : default Vlan ID : 700 FC-MAP : 00:00:00 Pinned Port(s) : None Vlan Status : Enabled ----- OneView#	

Command	show firmware files	
Help	show	Displays the configuration / statistics / general information
	firmware	Firmware packages
	files	Lists the firmwares downloaded
Sample output	OneView# show firmware files Firmwares List =====s 1 . icm_fv1-1.4.2-1005-2020-02-29-D.pkg OneView#	

Command	show flogi-table [{ vlan <integer(0-4094)> vsan <integer(0-4094)> mode { da fa } }]	
Help	show	Displays the configuration / statistics / general information
	flogi-table	Fabric Login related information
	Vlan	Vlan related configuration
	<integer(0-4094)>	Vlan number
	Vsan	Vlan related configuration

	<div> <div>mode</div> <div>da</div> <div>fa</div> </div> <div> <div>mode</div> <div>direct attach</div> <div>fabric attach</div> </div>
Sample output	<pre> OneView# show flogi-table mode fa NPV FLOGI TABLE Interface VLAN VSAN FCID NODE NAME PORT NAME ----- Ten-GigabitEthernet0/0/3:1 3968 3712 01:10:00 10:00:00:11:0a:06:0c:f9 20:08:00:11:0a:06:0c:f9 Ten-GigabitEthernet1/0/3:1 3969 3713 01:11:00 10:00:00:11:0a:06:0d:71 20:08:00:11:0a:06:0d:71 OneView# show flogi-table DIRECT ATTACH FLOGI TABLE Interface VLAN VSAN FCID NODE NAME PORT NAME ----- ----- NPV FLOGI TABLE Interface VLAN VSAN FCID NODE NAME PORT NAME ----- ----- Ten-GigabitEthernet0/0/3:1 3968 3712 01:10:00 10:00:00:11:0a:06:0c:f9 20:08:00:11:0a:06:0c:f9 Ten-GigabitEthernet1/0/3:1 3969 3713 01:11:00 10:00:00:11:0a:06:0d:71 20:08:00:11:0a:06:0d:71 OneView# </pre>

Command	show flow-control [interface [{ port-channel <integer (1-65535)> <interface-type> <ifnum> }]]	
Help	<div>show</div> <div>flow-control</div> <div>interface</div> <div>FortyGigE</div> <div>Ten-GigabitEthernet</div> <div>TwentyGigE</div> <div>port-channel</div> <div>s-channel</div>	<div>Displays the configuration / statistics / general information</div> <div>Flow-control on an interface</div> <div>Protocol specific configuration of the interface</div> <div>Forty Gigabit ethernet interface</div> <div>Ten Gigabit ethernet interface</div> <div>Twenty Gigabit ethernet interface</div> <div>Port channel interface</div> <div>S-Channel Interface</div>
Sample output	OneView# show flow-control interface fortyGigE 0/0/1	

	<pre> Port Admin Oper Tx Pause Rx Pause HC TxPause HC RxPause ----- FortyGigE0/0/1 0 OneView# show flow-control interface port-channel 2 Port Admin Oper Tx Pause Rx Pause HC TxPause HC RxPause ----- po2 0 OneView# </pre>
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Command	show hardware	
Help	show	Displays the configuration / statistics / general information
	hardware	Hardware related information
Sample output	<pre> OneView# show hardware Line Card Config table ----- SlotId Status Card Name ----- 0 UP BCM56850PB 1 UP BCM56850PB OneView# </pre>	

Command	show heartbeat counters	
Help	show	Displays the configuration / statistics / general information
	heartbeat counters	Heartbeat related configuration Counter related information
Sample output	<pre> OneView# show heartbeat counters Hb Statistics Message Tx Count : 229068 Hb Statistics Message Tx Failed Count : 1573 Hb Statistics Message Rx Count : 228998 Hb Statistics Message Rx Failed Count : 4 Hb Statistics Message Rx Proc Count : 228998 OneView# </pre>	

Command	show heartbeat debugging information	
Help	show	Displays the configuration / statistics / general information
	heartbeat debugging information	Heartbeat related configuration Debugging information Configuration related details
Sample output	<pre> OneView# show heartbeat debugging information Debugging Information: </pre>	

	<pre> ----- HB packet Processing : Enabled Critical Trace is enabled OneView# </pre>
--	---

Command	show heartbeat information	
Help	show	Displays the configuration / statistics / general information
	heartbeat information	Heartbeat related configuration Configuration related details
Sample output	<pre> OneView# show heartbeat information Hb Interval : 500 msecs Hb Interval Multiplier : 4 OneView# </pre>	

Command	show host	
Help	show	Displays the configuration / statistics / general information
	host	Host information
Sample output	<pre> OneView# show host Host Name : VC4040F8-2TV5201434 Domain Name : us.rdlabs.hpecorp.net OneView# </pre>	

Command	show icm memory status [{summary <ModName> all }]	
Help	show	Displays the configuration / statistics / general information
	icm	Displays iss module information
	memory	Displays memory related information
	status	Displays all available module names
	<ModName>	Name of the module
	all	Displays all module memory information
	summary	Displays total memory
Sample output	<pre> OneView# show icm memory status RMON2 Module Name: RMON2 ===== No STRUCTURE SIZE NO.OF TOTAL FREE POOLID BLOCKS BLOCKS ===== 1 tAddressMap 96 100 9600 100 411 2 tAddressMapControl 176 50 8800 50 412 3 tAlHost 120 100 12000 100 413 4 tAlMatrixSampleTopNList 2080 1 2080 1 414 5 tAlMatrixSD 168 100 16800 100 415 6 tAlMatrixTopN 104 50 5200 50 416 7 tAlMatrixTopNControl 200 20 4000 20 417 8 tRmon2UsrHistCtrlBlock 320 1000 320000 1000 418 9 UINT1[120] 120 1000 120000 1000 419 10 tHlHostControl 216 50 10800 50 420 11 tHlMatrixControl 216 50 10800 50 421 12 tNlHost 120 100 12000 100 422 </pre>	

13	tNlMatrixSampleTopNList		1920		1		1920		1		423
14	tNlMatrixSD		160		100		16000		100		424
15	tNlMatrixTopN		96		50		4800		50		425
16	tNlMatrixTopNControl		200		20		4000		20		426
17	tProtocolDistControl		184		50		9200		50		427
18	tProtocolDistStats		80		100		8000		100		428
19	tRmon2PktInfo		184		400		73600		400		429
20	tProtocolDir		432		50		21600		50		430
21	tPktHdrInfo		68		50		3400		50		431
22	tUsrHistoryControl		216		20		4320		20		432
23	tUsrHistoryObject		40		50		2000		50		433
=====											
Total memory : 0.6494 MB											
=====											
OneView#											

Command	show icm modules	
Help	show	Displays the configuration / statistics / general information
	icm	Displays iss module information
	modules	Displays module related information
Sample output	OneView# show icm modules ===== S.No MODULE NAME DESCRIPTION ===== 1 SYSTEM Displays SYSTEM Memory 2 MSR Displays MSR Memory 3 SNOOP Displays SNOOP Memory 4 DCBX Displays DCBX Memory 5 ETS Displays ETS Memory 6 PFC Displays PFC Memory 7 APPPRI Displays APPPRI Memory 8 CEE Displays CEE Memory 9 LLDP Displays LLDP Memory 10 LA Displays LA Memory 11 L2DS Displays L2DS Memory 12 IPDB Displays IPDB Memory 13 CFA Displays CFA Memory 14 SNTP Displays SNTP Memory 15 VCM Displays VCM Memory 16 DHCP-CLIENT Displays DHCP-CLIENT Memory 17 RMON Displays RMON Memory 18 RMON2 Displays RMON2 Memory 19 ARP Displays ARP Memory 20 RTM6 Displays RTM6 Memory 21 TRCRT Displays TRCRT Memory 22 VLAN Displays VLAN Memory 23 VLANRED Displays VLANRED Memory 24 TRIE Displays TRIE Memory 25 TRIE2 Displays TRIE2 Memory 26 UTIL Displays UTIL Memory 27 RM Displays RM Memory 28 SYSLOG Displays SYSLOG Memory 29 CLI Displays CLI Memory 30 SNMP Displays SNMP Memory 31 BCMX Displays BCMX Memory 32 QOSX Displays QOSX Memory 33 MBSM Displays MBSM Memory 34 HB Displays HB Memory 35 SFLOW Displays SFLOW Memory OneView#	

Command	show interconnect resource utilization details [switchid <integer>]	
Help	show	Displays the configuration / statistics / general information
	interconnect	Interconnect related configuration
	resource	System resources RAM/CPU
	utilization	usage level
	details	Details
	switchid	ID of the switch
Sample output	<pre> OneView# show interconnect resource utilization details switchid 1 Switch 1 ----- Current Cpu Utilization : 6 percentage Current Ram Utilization : 40 percentage Cpu Utilization History Smples Count : 30 Resource Monitoring Interval : 10 secs Cpu Lower Threshold Limit : 75 percentage Cpu Upper Threshold Limit : 95 percentage OneView# show interconnect resource utilization details switchid 0 Switch 0 ----- Current Cpu Utilization : 7 percentage Current Ram Utilization : 40 percentage Cpu Utilization History Smples Count : 30 Resource Monitoring Interval : 10 secs Cpu Lower Threshold Limit : 75 percentage Cpu Upper Threshold Limit : 95 percentage </pre>	

Command	show interface [{<ifXtype> <ifnum>}] dcbx detail	
Help	show	Displays the configuration / statistics / general information
	interface	Interface related configuration
	dcbx	DCBX related configuration
	detail	Detailed information
Sample output	<pre> OneView# show interface fortyGigE 0/0/1 dcbx detail Port : FortyGigE0/0/1 Version Detail : ----- Admin Oper Version : CEE Admin Max Version : IEEE Remote Oper Version : UNKNOWN Remote Max Version : UNKNOWN ----- Control TLV Information </pre>	

	<pre> ----- Sequence Number : 0 Ack Number : 0 Recvd Ack Number : 0 Rx Counter : 0 Tx Counter : 0 ----- OneView# </pre>
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Command	show interfaces [<interface-type> <interface-id>] etherchannel
Help	<pre> show Displays the configuration / statistics / general information interfaces Interface related configuration etherchannel Etherchannel related information FortyGigE Forty Gigabit ethernet interface Ten-GigabitEthernet Ten Gigabit ethernet interface TwentyGigE Twenty Gigabit ethernet interface <0-1>/<0-12>/<1-136>:<1-4> Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split] </pre>
Sample output	<pre> OneView# show interfaces ten-GigabitEthernet 0/0/2:1 etherchannel Etherchannel not enabled on this port OneView# show interfaces ten-GigabitEthernet 0/0/5:1 etherchannel Port : Ten-GigabitEthernet0/0/5:1 ----- Port State = Up in Bundle Channel Group : 2 Mode : Active Port-channel = Po2 Pseudo port-channel = Po2 LACP port-priority = 128 LACP Wait-time = 2 secs LACP Admin Port = 118 LACP Activity : Active LACP Timeout : Short Aggregation State : Aggregation, Sync, Collecting, Distributing, Port Port LACP Port Admin Oper Port Port State Priority Key Key Number State ----- ----- Ten-GigabitEthernet0/0/5:1 Bundle 128 2 2 0x76 0xfc </pre>

Command	show interfaces [{ <ifXtype> <ifnum> }] application-priority [detail]	
Help	show	Displays the configuration / statistics / general information
	interfaces	Interface related configuration
	FortyGigE	Forty Gigabit ethernet interface
	Ten-GigabitEthernet	Ten Gigabit ethernet interface
	TwentyGigE	Twenty Gigabit ethernet interface
	<0-1>/<0-12>/<1-136>:<1-4>	Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]
	application-priority	Application Priority related configuration
	detail	Detailed information
Sample output	<pre> OneView# show interfaces ten-GigabitEthernet 0/0/2:1 application-priority detail Port Status ----- Ten-GigabitEthernet0/0/2:1 Disabled ----- * Selector 2,3 will be ignored for CEE Operation! OneView# OneView# show interfaces ten-GigabitEthernet 0/0/1:1 application-priority detail % Wrong interface type for port OneView# </pre>	

Command	show interfaces [{ <ifXtype> <ifnum> }] priority-flow-control [detail]	
Help	show	Displays the configuration / statistics / general information
	interfaces	Interface related configuration
	FortyGigE	Forty Gigabit ethernet interface
	Ten-GigabitEthernet	Ten Gigabit ethernet interface
	TwentyGigE	Twenty Gigabit ethernet interface
	<0-1>/<0-12>/<1-136>:<1-4>	Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]
	priority-flow-control	Priority flow control related
	detail	Detailed information
Sample output	<pre> OneView# show interfaces ten-GigabitEthernet 0/0/5:4 priority- flow-control detail ----- PFC Port Ten-GigabitEthernet0/0/5:4 Information ----- PFC Local Port Info ----- PFC Willing Status :Disabled PFC MBC :Disabled PFC Capability :8 Priority Enabled List :3 Priority Disabled List :0 1 2 4 5 6 7 ----- PFC Admin Port Info ----- </pre>	

	<pre> PFC Willing Status :Disabled PFC MBC :Disabled PFC Capability :8 Priority Enabled List :3 Priority Disabled List :0 1 2 4 5 6 7 ----- PFC Remote Port Info ----- No Remote Entry is Present ----- PFC Port Related Info ----- PFC TLV Tx and Rx Status :Enabled PFC DCBX Status :peerNotAdvDcbx PFC Port Mode :AUTO MODE PFC Oper State :DISABLED PFC State Machine Type :Feature ----- OneView# OneView# show interfaces ten-GigabitEthernet 0/0/2:1 priority- flow-control detail Port Status ----- Ten-GigabitEthernet0/0/2:1 Disabled ----- OneView# </pre>
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Command	show interfaces [{ [<i><interface-type></i> <i><interface-id></i>] [{ <i>description</i> <i>storm-control</i> <i>flowcontrol</i> <i>capabilities</i> <i>status</i> <i>port-security-state</i> <i>rate-limit</i> <i>port-role</i> }] { <i>vlan</i> <i><vlan-id/vfi-id></i> [{ <i>switch</i> <i><switch-name></i> }]} <i>private-vlan mapping</i> <i>information</i> }]	
Help	show	Displays the configuration / statistics / general information
	interfaces	Interface related configuration
	description	Description about the interface
	storm-control	Broadcast, multicast, and unicast storm control suppression levels for an interface
	flowcontrol	Receive or send flow control value for an interface
	capabilities	Capabilities of the interface
	status	Status of the interface
	port-security-state	Port security state of the interface
	rate-limit	Burst size and rate-limit value of the interface

	port-role vlan_vfi_id Port role of the interface The range (1-4094) is for VLAN ID and the range (4096 - 65535) is for VFI
Sample output	<pre> OneView# show interfaces fortyGigE 0/0/1 description IfIndex Interface Admin Status Link Status Port Role Det. Role State Description ----- 97 FortyGigE0/0/1 up down Uplink Uplink Blocking Normal OneView# OneView# show interfaces fortyGigE 0/0/1 storm-control FortyGigE0/0/1 DLF Storm Control : Disabled Broadcast Storm Control : Disabled Multicast Storm Control : Disabled OneView# OneView# show interfaces ten-GigabitEthernet 0/0/2:1 flowcontrol Port Admin Oper Tx Pause Rx Pause HC TxPause HC RxPause ----- Ten-GigabitEthernet0/0/2:1 on on on on 0 0 0 0 OneView# OneView# show interfaces ten-GigabitEthernet 0/0/2:1 capabilities Ten-GigabitEthernet0/0/2:1 Type : 10000 Base X Speed : 10000 Mbps, Auto Duplex : Full FlowControl : Send, Receive OneView# OneView# show interfaces ten-GigabitEthernet 0/0/2:1 status Port Status Duplex Speed Negotiation Capability ----- Ten-GigabitEthernet0/0/2:1 connected Full 10 Gbps No- Negotiation Auto-MDIX on OneView# OneView# show interfaces ten-GigabitEthernet 0/0/2:1 port-security- state Interface Port-Security-State ----- Ten-GigabitEthernet0/0/2:1 Trusted OneView# OneView# show interfaces ten-GigabitEthernet 0/0/2:1 rate-limit Ten-GigabitEthernet0/0/2:1 Port Control Rate Limit : 0 kbps Port Control Burst Size : 0 kbits OneView# </pre>

Command	show interfaces [{<ifXtype> <ifnum>}] priority-grouping [detail]
Help	show Displays the configuration / statistics / general information

	interfaces FortyGigE Ten-GigabitEthernet TwentyGigE <0-1>/<0-12>/<1-136>:<1-4> priority-grouping detail	Interface related configuration Forty Gigabit ethernet interface Ten Gigabit ethernet interface Twenty Gigabit ethernet interface Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split] Priority grouping related configuration Detailed information
Sample output	<pre> OneView# show interfaces ten-GigabitEthernet 0/0/5:4 priority-grouping detail ----- ETS Port Ten-GigabitEthernet0/0/5:4 Information ----- ETS Local Port Info ----- TGID Bandwidth TSA Priority ----- 0 50% ETSA 0 1 2 4 5 6 7 1 0% ETSA 2 0% ETSA 3 50% ETSA 3 4 0% ETSA 5 0% ETSA 6 0% ETSA 7 0% ETSA Number of Traffic Class :8 Willing Status :Disabled In CEE Operation, always TSA will be elected as Enhanced Transmission Selection Algorithm(ETSA). ----- ETS Admin Port Info ----- TGID Bandwidth TSA Priority ----- 0 50% ETSA 0 1 2 4 5 6 7 1 0% ETSA 2 0% ETSA 3 50% ETSA 3 4 0% ETSA 5 0% ETSA 6 0% ETSA 7 0% ETSA Number of Traffic Class :8 Willing Status :Disabled Credit Based Shaper Algorithm: Not Supported Terminology Used in Above Table: ----- SPA := Strict Priority Algorithm CBSA := Credit Based Shaper Algorithm ETSA := Enhanced Transmission Selection Algorithm VSA := Vendor Specific Algorithm ----- ETS Remote Port Info ----- No Remote Entry is Present ----- ETS Port Related Info ----- ETS Conf TLV Tx and Rx Status :Enabled ETS Reco TLV Tx and Rx Status :Enabled </pre>	

	<p>interfaces bridge port-type port-channel (1-65535) FortyGigE Ten-GigabitEthernet TwentyGigE <0-1>/<0-12>/<1-136>:<1-4></p>	<p>Interface related configuration Bridge mode Bridge port type of interfaces Port channel interface Port channel ID Forty Gigabit ethernet interface Ten Gigabit ethernet interface Twenty Gigabit ethernet interface Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]</p>
Sample output	<pre>OneView# show interfaces bridge port-type port-channel 2 po2 Bridge port type is Customer Bridge Port OneView# show interfaces bridge port-type ten-GigabitEthernet 0/0/2:1 Ten-GigabitEthernet0/0/2:1 Bridge port type is Customer Bridge Port OneView#</pre>	

Command	show interfaces mtu [{ Vlan <vlan-id/vfi-id> [switch <switch-name>] port-channel <port-channel-id (1-65535)> <interface-type> <interface-id> }]	
Help	<p>show interfaces mtu vlan vlan_vfi_id switch default port-channel (1-65535) FortyGigE Ten-GigabitEthernet TwentyGigE <0-1>/<0-12>/<1-136>:<1-4></p>	<p>Displays the configuration / statistics / general information Interface related configuration Maximum transmission unit of ports in the switch VLAN interface The range (1-4094) is for VLAN ID and the range (4096 - 65535) is for VFI Virtual context or a component Switch Name/Context Name Port channel interface Port channel ID Forty Gigabit ethernet interface Ten Gigabit ethernet interface Twenty Gigabit ethernet interface Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]</p>
Sample output	<pre>OneView# show interfaces mtu ten-GigabitEthernet 0/0/5:1 Ten-GigabitEthernet0/0/5:1 MTU size is 9394 OneView# show interfaces mtu port-channel 2 po2 MTU size is 9394 OneView#</pre>	

Command	show interfaces priority-flow-control counters [<ifXtype> <ifnum>]	
Help	show	Displays the configuration / statistics / general

	<p>interfaces priority-flow-control</p> <p>counters FortyGigE Ten-GigabitEthernet TwentyGigE <0-1>/<0-12>/<1-136>:<1-4></p>	<p>information Interface related configuration Priority flow control related configuration Counter related information Forty Gigabit ethernet interface Ten Gigabit ethernet interface Twenty Gigabit ethernet interface Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]</p>
Sample output	<pre> OneView# show interfaces priority-flow-control counters ten- GigabitEthernet 0/0/5:1 Ten-GigabitEthernet0/0/5:1 TLV Transmitted: 0 TLV Received: 0 TLV Errors: 0 Total Rx PFC Pause Frames: 0 Total Tx PFC Pause Frames: 0 ----- Priority0 Priority1 Priority2 Priority3 Priority4 Priority5 Priority6 Priority7 ----- Rx 0 0 0 0 0 0 0 0 ----- Tx 0 0 0 0 0 0 0 0 ----- OneView# </pre>	

Command	show interfaces priority-grouping counters [<ifXtype> <ifnum>]	
Help	<p>show</p> <p>interfaces priority-grouping counters FortyGigE Ten-GigabitEthernet TwentyGigE <0-1>/<0-12>/<1-136>:<1-4></p>	<p>Displays the configuration / statistics / general information Interface related configuration Priority grouping related configuration Counter related information Forty Gigabit ethernet interface Ten Gigabit ethernet interface Twenty Gigabit ethernet interface Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]</p>
Sample output	<pre> OneView# show interfaces priority-grouping counters twentyGigE 0/1/6 ETS TLV Counter Information ----- Port Configuration TLV Recommended TLV TC Supported TLV Tx Rx Error Tx Rx Error TwentyGigE0/1/6 11987 5993 0 0 0 0 0 0 ----- </pre>	

	OneView#
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Command	show interfaces {counters HC-counters} [{ <interface-type> <interface-id> vlan <vlan_vfi_id> [switch <switch-name>]]	
Help	show	Displays the configuration / statistics / general information
	counters	Counter related information
	HC-counters	HC interface counters related information
	FortyGigE	Forty Gigabit ethernet interface
	Ten-GigabitEthernet	Ten Gigabit ethernet interface
	TwentyGigE	Twenty Gigabit ethernet interface
	<0-1>/<0-12>/<1-136>:<1-4>	Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]
	vlan	VLAN interface
	vlan_vfi_id	The range (1-4094) is for VLAN ID and the range (4096 - 65535) is for VFI
	switch	Virtual context or a component
	default	sSwitch Name/Context Name
Sample output	<pre> OneView# show interfaces counters ten-GigabitEthernet 0/0/5:1 Port InBcast InDiscard InErrs InOctet InUcast InMcast InHCOctet ---- - -- ----- Ten-GigabitEthernet0/0/5:1 25430366 152 187889 0 187955 0 25430494 Port OutOctet OutUcast OutMcast OutBcast OutDiscard OutErrs OutHCOctet ---- - ----- Ten-GigabitEthernet0/0/5:1 2492208 0 17973 0 87 0 2492208 OneView# show interfaces hC-counters ten-GigabitEthernet 0/0/5:1 Port InHCOctet InUcastPkts InMulticastPkts ---- - ----- Ten-GigabitEthernet0/0/5:1 25431134 152 187895 Port OutHCOctet OutUcastPkts OutMulticastPkts ---- - ----- Ten-GigabitEthernet0/0/5:1 2492208 0 17973 OneView# </pre>	

Command	show ip dhcp client fast-access	
Help	show	Displays the configuration / statistics / general information
	ip	IP related details for the protocol
	dhcp	DHCP related configuration
	client	Client related configuration

	fast-access Fast access related configuration
Sample output	<pre> OneView# show ip dhcp client fast-access DHCP Client Timer Settings ----- Fast Access Mode : Disable Dhcp Client Fast Access DiscoverTimeOut : 15 Dhcp Client Fast Access NullStateTimeOut : 180 Dhcp Client Fast Access Arp Check TimeOut : 3 OneView# </pre>

Command	show ip dhcp client stats
Help	<pre> show Displays the configuration / statistics / general information ip IP related details for the protocol dhcp DHCP related configuration client Client related configuration stats Statistics related information </pre>
Sample output	<pre> OneView# show ip dhcp client stats Dhcp Client Statistics ----- Interface : mgmt Client IP Address : 15.186.26.139 Client Lease Time : 86400 Client Remain Lease Time : 78806 Message Statistics ----- DHCP DISCOVER : 1 DHCP REQUEST : 5 DHCP DECLINE : 0 DHCP RELEASE : 0 DHCP INFORM : 0 DHCP OFFER : 1 DHCP ACKS IN REQ : 1 DHCP NACKS IN REQ : 0 DHCP ACKS IN RENEW : 4 DHCP NACKS IN RENEW : 0 DHCP ACKS IN REBIND : 0 DHCP NACKS IN REBIND : 0 DHCP ACKS IN REBOOT : 0 DHCP NACKS IN REBOOT : 0 DHCP COUNT ERROR IN HEADER : 0 DHCP COUNT ERROR IN XID : 64853 DHCP COUNT ERROR IN OPTIONS : 0 OneView# </pre>

Command	show ip igmp snooping [Vlan <vlan-id/vfi-id>] [switch <switch_name>]
Help	<pre> show Displays the configuration / statistics / general information ip IP related details for the protocol igmp IGMP related information </pre>

	snooping Snooping related information vlan Protocol specific information for vlan vlan_vfi_id The range (1-4094) is for VLAN ID and the range (4096 - 65535) is for VFI switch Protocol specific information for switch default Switch Name/Context Name
Sample output	OneView# show ip igmp snooping vlan 301 Snooping VLAN Configuration for the VLAN 301 IGMP Snooping enabled IGMP configured version is V3 Fast leave is disabled Snooping switch is configured as Non-Querier Snooping switch is acting as Non-Querier Elected Querier is 0.0.0.0 Startup Query Count is 2 Startup Query Interval is 31 seconds Query interval is 125 seconds Other Querier Present Interval is 255 seconds Port Purge Interval is 260 seconds Max Response Code is 100, Time is 10 seconds OneView#

Command	show ip igmp snooping forwarding-database [Vlan <vlan-id/vfi-id>] [{static dynamic}] [switch <switch_name>]
Help	show Displays the configuration / statistics / general information ip IP related details for the protocol igmp IGMP related information snooping Snooping related information forwarding-database Multicast forwarding entries vlan Protocol specific information for vlan vlan_vfi_id The range (1-4094) is for VLAN ID and the range (4096 - 65535) is for VFI dynamic Displays only dynamic multicast entries static Displays only static multicast entries switch Protocol specific information for switch default Switch Name/Context Name
Sample output	OneView# show ip igmp sno forwarding-database Vlan MAC-Address Ports ---- - 103 01:00:5e:00:00:01 Ten-GigabitEthernet0/0/3:1, S- Channel0/1/6:5 Total Group Mac entries = 1 OneView#

Command	show ip igmp snooping globals [switch <switch_name>]	
Help	show	Displays the configuration / statistics / general information
	ip	IP related details for the protocol
	igmp	IGMP related information
	snooping	Snooping related information
	globals	Global MLD snooping information
	switch	Protocol specific information for switch
	default	Switch Name/Context Name
Sample output	<pre> OneView# show ip igmp snooping globals switch default Snooping Configuration ----- IGMP Snooping globally enabled IGMP Snooping is operationally enabled IGMP Snooping Enhanced mode is disabled IGMP Snooping Sparse mode is disabled Transmit Query on Topology Change globally disabled Multicast forwarding mode is MAC based Proxy globally disabled Proxy reporting globally enabled Filter is disabled Router port purge interval is 260 seconds Port purge interval is 260 seconds Report forward interval is 5 seconds Group specific query interval is 2 seconds Reports are forwarded on router ports Queries are forwarded on non-router ports Group specific query retry count is 2 Multicast VLAN disabled Leave config level is Vlan based Report processing config level is on non-router ports OneView# </pre>	

Command	show ip igmp snooping groups [Vlan <vlan-id/vfi-id> [Group <Address>]] [dynamic] [switch <switch_name>]	
Help	show	Displays the configuration / statistics / general information
	ip	IP related details for the protocol
	igmp	IGMP related information
	snooping	Snooping related information
	groups	MLDS group information
	vlan	Protocol specific information for vlan
	vlan_vfi_id	The range (1-4094) is for VLAN ID and the range (4096 - 65535) is for VFI
	Group	Group address of the vlan id
	A.B.C.D	Multicast group address
	dynamic	Displays only dynamic multicast entries
Sample output	switch	Protocol specific information for switch
	default	Switch Name/Context Name
<pre> OneView# show ip igmp snooping groups </pre>		

	<pre> Snooping Group information ----- Outer-VLAN ID:101 Group Address: 225.0.0.1 Inner-VLAN ID:0 Filter Mode: EXCLUDE Exclude sources: None Receiver Ports: Ten-GigabitEthernet1/0/3:1 Total Num of Group Addresses [1] OneView# OneView# show ip igmp snooping groups Total Num of Group Addresses [0] OneView# </pre>
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Command	show ip igmp snooping mrouter [Vlan <vlan-id/vfi-id>] [detail] [switch <switch_name>]	
Help	<pre> show ip igmp snooping mrouter vlan vlan_vfi_id detail switch default </pre>	<pre> Displays the configuration / statistics / general information IP related details for the protocol IGMP related information Snooping related information MLD router related information Protocol specific information for vlan The range (1-4094) is for VLAN ID and the range (4096 - 65535) is for VFI Detailed information Protocol specific information for switch Switch Name/Context Name </pre>
Sample output	<pre> OneView# sh ip igmp sn mrouter Vlan Ports ----- 103 Ten-GigabitEthernet0/0/3:1 (dynamic) OneView# </pre>	

Command	show ip igmp snooping multicast-receivers [Vlan <vlan-id/vfi-id> [Group <Address>]] [switch <switch_name>]	
Help	<pre> show ip igmp snooping multicast-receivers vlan vlan_vfi_id Group A.B.C.D </pre>	<pre> Displays the configuration / statistics / general information IP related details for the protocol IGMP related information Snooping related information Displays multicast receivers Protocol specific information for vlan The range (1-4094) is for VLAN ID and the range (4096 - 65535) is for VFI Group address of the vlan id Multicast group address </pre>

	switch default	Protocol specific information for switch Switch Name/Context Name
Sample output	<pre> OneView# show ip igmp snooping multicast-receivers Snooping Receiver Information ----- VLAN ID: 1 Group Address: 225.0.0.10 Receiver Port: For 0/0/2 Attached Hosts: 12.0.0.10 Exclude Sources: None VLAN ID: 1 Group Address: 225.0.0.20 Receiver Port: For 0/0/2 Attached Hosts: 12.0.0.20 Include Sources: 14.0.0.10 Receiver Port: For 0/0/4 Attached Hosts: 12.0.0.40 Include Sources: 14.0.0.20 OneView# </pre>	

Command	show ip igmp snooping port-cfg [{interface <interface-type> <interface-id> [InnerVlanId vlan-id(1-4094)] switch <switch_name>}]	
Help	show	Displays the configuration / statistics / general information
	ip	IP related details for the protocol
	igmp	IGMP related information
	snooping	Snooping related information
	port-cfg	IGS port configuration related information
	interface	Interface type and identifier
	InnerVlanId (1-4094)	Inner vlan identifier Vlan index
	switch	Protocol specific information for switch
	default	Switch Name/Context Name
Sample output	<pre> OneView# show ip igmp snooping port-cfg Snooping Port Configurations ----- Snooping Port Configuration for Port 103 Leave Process mode is Normal Leave Rate limit on the interface is 4294967295 Max limit Type is Groups Max limit is 3 Current member count is 0 Profile Id is 0 OneView# OneView# show ip igmp snooping port-cfg Snooping Port Configurations ----- OneView# </pre>	

Command	show ip igmp snooping statistics [Vlan <vlan-id/vfi-id>] [switch <switch_name>]	
Help	show	Displays the configuration / statistics / general information
	ip	IP related details for the protocol

	igmp IGMP related information statistics Snooping related statistics vlan Protocol specific information for vlan vlan_vfi_id The range (1-4094) is for VLAN ID and the range (4096 - 65535) is for VFI switch Protocol specific information for switch default Switch Name/Context Name
Sample output	<pre> OneView# show ip igmp snooping statistics vlan 500 switch default Snooping Statistics for VLAN 500 General queries received : 0 Group specific queries received : 0 Group and source specific queries received : 0 ASM reports received : 0 SSM reports received : 0 IS_INCLUDE messages received : 0 IS_EXCLUDE messages received : 0 TO_INCLUDE messages received : 0 TO_EXCLUDE messages received : 0 ALLOW messages received : 0 Block messages received : 0 Leave messages received : 0 General queries transmitted : 0 Group specific queries transmitted : 0 Group and source specific queries transmitted : 0 ASM reports transmitted : 0 SSM reports transmitted : 0 Leaves transmitted : 0 Unsuccessful joins received count Per Vlan : 0 Active/Successful joins received count Per Vlan: 0 Active Groups count: 0 Packets dropped : 0 OneView# </pre>

Command	show ip interface [vlan <vlan-id> [switch <switch-name>]]
Help	show Displays the configuration / statistics / general information ip IP related details for the protocol interface Interface related configuration vlan Protocol specific information for vlan vlan_vfi_id The range (1-4094) is for VLAN ID and the range (4096 - 65535) is for VFI switch Protocol specific information for switch default Switch Name/Context Name
Sample output	<pre> OneView# show ip interface vlan4095 is up, line protocol is up Internet Address is 169.254.254.2/30 Broadcast Address 169.254.254.3 FQDN VC4040F8-2TV5201434.us.rdlabs.hpecorp.net mgmt is up, line protocol is up Internet Address is 15.186.26.139/19 </pre>

	Broadcast Address 15.186.31.255 FQDN VC4040F8-2TV5201434.us.rdlabs.hpecorp.net IP address allocation method is dynamic IP address allocation protocol is dhcp OneView#
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Command	show ip route	
Help	show	Displays the configuration / statistics / general information
	ip	IP related details for the protocol
	route	Routing related configuration
Sample output	OneView# show ip route Codes: C - connected, S - static, R - rip, B - bgp, O - ospf, I - isis, E - ECMP IA - OSPF inter area, N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2, E1 - OSPF external type 1, E2 - OSPF external type 2 L1 - ISIS Level1, L2 - ISIS Level2, ia - ISIS Inter Area Vrf Name: default ----- 0.0.0.0/0 [1] via 15.186.0.1 C 15.186.0.0/19 is directly connected, mgmt C 169.254.254.0/30 is directly connected, vlan4095 OneView#	

Command	show issu maintenance-mode	
Help	show	Displays the configuration / statistics / general information
	issu	ISSU related configuration
	maintenance-mode	Maintenance mode related configuration
Sample output	OneView# show issu maintenance-mode Maintenance Mode Admin Status : Disabled Maintenance Mode Oper Status : Disabled OneView# show issu maintenance-mode Maintenance Mode Admin Status : Enabled Maintenance Mode Oper Status : Enabled OneView#	

Command	show issu state [detail]	
Help	show	Displays the configuration / statistics / general information
	issu	ISSU related configuration
	state	ISSU state related configuration
	detail	Details for all nodes
Sample output	OneView# show issu state Node State : Active Active Software Version : 1.4.2-1005	

	<pre> Maintenance Mode Oper Status : Enabled ISSU Mode : Full-Compatible Last ISSU Command : Last ISSU Command-Status : Not-Started OneView# OneView# show issu state detail Node State : Active Maintenance Mode Admin Status: Enabled Maintenance Mode Oper Status : Enabled Trap Status : Disabled ISSU Mode : Full-Compatible ISSU Overall-Status : In-Progress Active Software Version : 1.4.2-1005 Rollback Software Version : Load Software Path : Rollback Software Path : Current Software Path : Last Upgrade Time : OneView# </pre>
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Command	show lacp [<port-channel(1-65535)>] { counters neighbor [detail] }
Help	<pre> show Displays the configuration / statistics / general information lacp LACP related information (1-65535) Channel group number counters Traffic information neighbor Neighbor information for the specified protocol detail Neighbor detail information </pre>
Sample output	<pre> OneView# show lacp 2 counters LACPDU's Marker Marker Response Port Sent Recv Sent Recv Sent Recv Pkts Err ----- Channel group: 2 ----- Ten-GigabitEthernet0/0/5:1 6104 1851650 0 0 0 0 0 Ten-GigabitEthernet0/0/5:2 6104 1851640 0 0 0 0 0 Ten-GigabitEthernet1/0/5:1 6131 1853370 0 0 0 0 0 Ten-GigabitEthernet1/0/5:2 6131 1853370 0 0 0 0 0 OneView# show lacp 2 neighbor detail Flags: A - Device is in Active mode P - Device is in Passive mode Channel group 2 neighbors Port Ten-GigabitEthernet0/0/5:1 ----- Partner System ID : 5c:8a:38:23:2f:5c Flags : A LACP Partner Port Priority : 32768 LACP Partner Oper Key : 8 </pre>

	<pre> LACP Partner Port State : 0xbc Port State Flags Decode ----- LACP Activity : Active LACP Timeout : Long Aggregation State : Aggregation, Sync, Collecting, Distributing, Port Ten-GigabitEthernet0/0/5:2 ----- Partner System ID : 5c:8a:38:23:2f:5c Flags : A LACP Partner Port Priority : 32768 LACP Partner Oper Key : 8 LACP Partner Port State : 0xbc Port State Flags Decode ----- LACP Activity : Active LACP Timeout : Long Aggregation State : Aggregation, Sync, Collecting, Distributing, Port Ten-GigabitEthernet1/0/5:1 ----- Partner System ID : 5c:8a:38:23:2f:5c Flags : A LACP Partner Port Priority : 32768 LACP Partner Oper Key : 8 LACP Partner Port State : 0xbc Port State Flags Decode ----- LACP Activity : Active LACP Timeout : Long Aggregation State : Aggregation, Sync, Collecting, Distributing, Port Ten-GigabitEthernet1/0/5:2 ----- Partner System ID : 5c:8a:38:23:2f:5c Flags : A LACP Partner Port Priority : 32768 LACP Partner Oper Key : 8 LACP Partner Port State : 0xbc Port State Flags Decode ----- LACP Activity : Active LACP Timeout : Long Aggregation State : Aggregation, Sync, Collecting, Distributing, Channel group 3 neighbors Port Ten-GigabitEthernet0/0/5:3 ----- Partner System ID : 5c:8a:38:23:2f:5c Flags : A LACP Partner Port Priority : 32768 LACP Partner Oper Key : 6 LACP Partner Port State : 0xbc Port State Flags Decode ----- LACP Activity : Active LACP Timeout : Long Aggregation State : Aggregation, Sync, Collecting, Distributing, </pre>
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	<pre> Port Ten-GigabitEthernet1/0/5:3 ----- Partner System ID : 5c:8a:38:23:2f:5c Flags : A LACP Partner Port Priority : 32768 LACP Partner Oper Key : 6 LACP Partner Port State : 0xbc Port State Flags Decode ----- LACP Activity : Active LACP Timeout : Long Aggregation State : Aggregation, Sync, Collecting, Distributing, Channel group 4 neighbors Port Ten-GigabitEthernet1/0/5:4 ----- Partner System ID : 5c:8a:38:23:2f:5c Flags : A LACP Partner Port Priority : 32768 LACP Partner Oper Key : 16 LACP Partner Port State : 0xbc Port State Flags Decode ----- LACP Activity : Active LACP Timeout : Long Aggregation State : Aggregation, Sync, Collecting, Distributing, Channel group 5 neighbors Port FortyGigE0/0/3 ----- Partner System ID : 44:31:92:7e:26:ad Flags : A LACP Partner Port Priority : 32768 LACP Partner Oper Key : 5 LACP Partner Port State : 0xbc Port State Flags Decode ----- LACP Activity : Active LACP Timeout : Long Aggregation State : Aggregation, Sync, Collecting, Distributing, Port FortyGigE1/0/3 ----- Partner System ID : 44:31:92:7e:26:ad Flags : A LACP Partner Port Priority : 32768 LACP Partner Oper Key : 5 LACP Partner Port State : 0xbc Port State Flags Decode ----- LACP Activity : Active LACP Timeout : Long Aggregation State : Aggregation, Sync, Collecting, Distributing, Channel group 6 neighbors Port Ten-GigabitEthernet0/0/5:4 ----- Partner System ID : 5c:8a:38:23:2f:5c Flags : A LACP Partner Port Priority : 32768 </pre>
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	<pre> LACP Partner Oper Key : 10 LACP Partner Port State : 0xbc Port State Flags Decode ----- LACP Activity : Active LACP Timeout : Long Aggregation State : Aggregation, Sync, Collecting, Distributing, OneView# </pre>
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Command	show lacp offload [{<iftype> s-channel} <ifnum>]
Help	<pre> show Displays the configuration / statistics / general information lacp LACP related information offload LACP Packet Offload information iftype Information related to interface type s-channel S-channel interface type ifnum Information related to interface number </pre>
Sample output	<pre> OneView# show lacp offload ten-GigabitEthernet 0/0/5:1 PACKET OFFLOAD DETAILS ----- Port : Ten-GigabitEthernet0/0/5:1 OffLoad status : Enabled TX PDU Buffer : 01 80 c2 00 00 02 5c b9 01 47 23 03 88 09 01 01 01 14 80 00 50 65 f3 df ef 07 00 02 00 80 00 76 3f 00 00 00 02 14 80 00 5c 8a 38 23 2f 5c 00 08 80 00 00 0d 3d 00 00 00 03 10 00 Rx PDU Buffer : 01 80 c2 00 00 02 5c 8a 38 23 2f 91 88 09 01 01 01 14 80 00 5c 8a 38 23 2f 5c 00 08 80 00 00 0d 3d 00 00 00 02 14 80 00 50 65 f3 df ef 07 00 02 00 80 00 76 3f 00 00 00 03 10 00 Periodic Timer Value : 3000 Current While Timer Value : 100 Timer expiry count : 0 Is PDU Received from Peer : FALSE ----- OneView# </pre>

Command	show lacp traffic-shift status
Help	<pre> show Displays the configuration / statistics / general information lacp LACP related information </pre>

	traffic-shift status	traffic shift related information Status of Traffic shift
Sample output	OneView# show lacp traffic-shift status Traffic Shift Status : NOT INITIATED OneView#	

Command	show line {console vty <line>}	
Help	show line console vty (2-9)	Displays the configuration / statistics / general information Line Information Console Virtual terminal line Id of a specific telnet session
Sample output	OneView# show line console Current Session Timeout (in secs) = 1800 Default Telnet Session Timeout (in secs) = 1800 OneView# show line vty 3 Current Session Timeout (in secs) = 1800 Default Telnet Session Timeout (in secs) = 1800 OneView# OneView# show line vty 8 Line %8 not active OneView#	

Command	show lldp	
Help	show lldp	Displays the configuration / statistics / general information LLDP related configuration
Sample output	OneView# show lldp LLDP is enabled LLDP Version : v2 Transmit Interval : 15 Holdtime Multiplier : 4 Reinitialization Delay : 2 Notification Interval : 0 TxCreditMax : 5 MessageFastTx : 1 TxFastInit : 4 Chassis Id SubType : Mac Address Chassis Id : 5c:b9:01:47:22:8e LLDP Tag Status : enabled Configured Management Ipv4 Address : 15.186.26.136 Configured Management Ipv6 Address : fd00:1:1:2:f06:95ca:2b4a:ad39 LLDP Management TLV Tx Option : Ipv4Only OneView#	

Command	show lldp errors	
Help	show	Displays the configuration / statistics / general information

	lldp errors LLDP related configuration Information about the errors
Sample output	<pre>OneView# show lldp errors Total Memory Allocation Failures : 0 Total Input Queue Overflows : 0 Total Table Overflows : 0 OneView#</pre>

Command	show lldp interface [<interface-type> <interface-id>] [mac-address <mac_addr>]	
Help	show Displays the configuration / statistics / general information lldp LLDP related configuration interface Interface related configuration Interface type (fortyGigE/twentyGigE/ten-GigabitEtherneti/internal-lan) <0-1>/<0-12>/<1-136>:<1-4> Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split] mac-address Specifies the destination mac of the lldp agent <mac-addr> MAC address to be used as destination MAC address by the LLDP agent on this port	
Sample output	<pre>OneView# show lldp interface ten-GigabitEthernet 0/0/5:1 Ten-GigabitEthernet0/0/5:1: Tx State : Enabled Rx State : Enabled Tx SEM State : IDLE Rx SEM State : WAIT FOR FRAME Notification Status : Disabled DestinationMacAddr : 01:80:c2:00:00:0e PortTraceOption : None Appl(s) Registered: Appl TLV OUI Sub-Type TxStatus RxStatus ----- OneView#</pre>	

Command	show lldp local {[<interface-type> <interface-id>] [mac-address <mac_addr>]] [mgmt-addr]}	
Help	show Displays the configuration / statistics / general information lldp LLDP related configuration local Local configuration Interface type (fortyGigE/twentyGigE/ten-GigabitEtherneti/internal-lan) <0-1>/<0-12>/<1-136>:<1-4> Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split] mac-address Specifies the destination mac of the lldp agent	

	<p><string(255)> Interface type <0-1>/<0-12>/<1-136>:<1-4> detail</p>	<p>Port identifier (fortyGigE/twentyGigE/ten- GigabitEtherneti/internal-lan) Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split] Information obtained from all the TLVs received</p>
Sample output	<pre> OneView# show lldp neighbors chassis-id 5c:8a:38:23:2f:5c port-id Ten- GigabitEthernet1/0/37 detail Capability Codes : (R) Router, (B) Bridge, (T) Telephone, (C) DOCSIS Cable Device, (W) WLAN Access Point, (P) Repeater, (S) Station, (O) Other Chassis Id SubType : Mac Address Chassis Id : 5c:8a:38:23:2f:5c Port Id SubType : Interface Name Port Id : Ten-GigabitEthernet1/0/37 Port Description : Ten-GigabitEthernet1/0/37 Interface System Name : 6.242-HPE System Desc : HPE Comware Platform Software, Software Version 7.1.045, Release 2432P06-US HPE FF 5900CP-48XG-4QSFP+ Switch Copyright (c) 2010-2018 Hewlett Packard Enterprise Development LP Local Intf : Ten-GigabitEthernet0/0/2:1 Time Remaining : 91 Seconds System Capabilities Supported : B,R System Capabilities Enabled : B,R Management Addresses : Not Advertised Extended 802.3 TLV Info -MAC PHY Configuration & Status Auto-Neg Support & Status : Supported, Enabled Advertised Capability Bits : 0000 Operational MAU Type : 41 -Link Aggregation Capability & Status : Capable, Not In Aggregation Aggregated Port Id : 0 -Maximum Frame Size : 10000 Extended 802.1 TLV Info -Port VLAN Id : 1 -Port & Protocol VLAN Id Protocol Vlan Tlv : Not Advertised -Vlan Name Vlan Name Tlv : Not Advertised -VID TLV :0 -Management Vid TLV :0 -LLDP MED Capability TLV : Not Advertised Capabilities Supported : 0 Capabilities Enabled : 0 Device Class : 0 -LLDP MED Inventory TLV : Not Advertised Hardware Revision : 0 Firmware Revision : 0 Software Revision : 0 Serial Number : 0 Manufacturer Name : 0 Model Name : 0 AssetID : 0 -LLDP-MED Network Policy TLV Application Type : Not Advertised Unknown Policy Flag : Not Advertised VlanType : Not Advertised </pre>	

	VlanID : Not Advertised Priority : Not Advertised Dscp : Not Advertised ----- Total Entries Displayed : 1 OneView#
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Command	show lldp peers [chassis-id <string(255)> port-id <string(255)>] <interface-type> <interface-id>[[mac-address <mac_addr>] [detail]]
Help	<div> <div>show</div> <div>Displays the configuration / statistics / general information</div> </div> <div> <div>lldp</div> <div>LLDP related configuration</div> </div> <div> <div>peers</div> <div>peer related information</div> </div> <div> <div>chassis-id</div> <div>Chassis identifier configuration</div> </div> <div> <div><string(255)></div> <div>Chassis identifier</div> </div> <div> <div>port-id</div> <div>Port identifier configuration</div> </div> <div> <div><string(255)></div> <div>Port identifier</div> </div> <div> <div>Interface type</div> <div>(fortyGigE/twentyGigE/ten-GigabitEtherneti/internal-lan)</div> </div> <div> <div><0-1>/<0-12>/<1-136>:<1-4></div> <div>Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]</div> </div> <div> <div>mac-address</div> <div>Specifies the destination mac of the lldp agent</div> </div> <div> <div><mac-addr></div> <div>MAC address to be used as destination MAC address by the LLDP agent on this port</div> </div> <div> <div>detail</div> <div>Information obtained from all the TLVs received</div> </div>
Sample output	OneView# show lldp peers chassis-id 5c:8a:38:23:2f:5c port-id Ten-GigabitEthernet1/0/37 ten-GigabitEthernet 0/0/2:1 detail Capability Codes : (R) Router, (B) Bridge, (T) Telephone, (C) DOCSIS Cable Device, (W) WLAN Access Point, (P) Repeater, (S) Station, (O) Other Chassis Id SubType : Mac Address Chassis Id : 5c:8a:38:23:2f:5c Port Id SubType : Interface Name Port Id : Ten-GigabitEthernet1/0/37 Port Description : Ten-GigabitEthernet1/0/37 Interface System Name : 6.242-HPE System Desc : HPE Comware Platform Software, Software Version 7.1.045, Release 2432P06-US HPE FF 5900CP-48XG-4QSFP+ Switch Copyright (c) 2010-2018 Hewlett Packard Enterprise Development LP Local Intf : Ten-GigabitEthernet0/0/2:1 Time Remaining : 114 Seconds System Capabilities Supported : B,R System Capabilities Enabled : B,R Management Addresses : Not Advertised Extended 802.3 TLV Info -MAC PHY Configuration & Status Auto-Neg Support & Status : Supported, Enabled Advertised Capability Bits : 0000 Operational MAU Type : 41 -Link Aggregation Capability & Status : Capable, Not In Aggregation Aggregated Port Id : 0

	<pre> -Maximum Frame Size : 10000 Extended 802.1 TLV Info -Port VLAN Id : 1 -Port & Protocol VLAN Id Protocol Vlan Tlv : Not Advertised -Vlan Name Vlan Name Tlv : Not Advertised -VID TLV :0 -Management Vid TLV :0 -LLDP MED Capability TLV : Not Advertised Capabilities Supported : 0 Capabilities Enabled : 0 Device Class : 0 -LLDP MED Inventory TLV : Not Advertised Hardware Revision : 0 Firmware Revision : 0 Software Revision : 0 Serial Number : 0 Manufacturer Name : 0 Model Name : 0 AssetID : 0 -LLDP-MED Network Policy TLV Application Type : Not Advertised Unknown Policy Flag : Not Advertised VlanType : Not Advertised VlanID : Not Advertised Priority : Not Advertised Dscp : Not Advertised ----- Total Entries Displayed : 1 OneView# </pre>
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Command	show lldp statistics	
Help	show	Displays the configuration / statistics / general information
	lldp statistics	LLDP related configuration Statistics related information
Sample output	<pre> OneView# show lldp statistics Remote Table Last Change Time : 18834300 Remote Table Inserts : 33 Remote Table Deletes : 1 Remote Table Drops : 0 Remote Table Ageouts : 0 Remote Table Updates : 74045 OneView# </pre>	

Command	show lldp traffic [<iftype> <ifnum> [mac-address <mac_addr>]]	
Help	show	Displays the configuration / statistics / general information
	lldp	LLDP related configuration
	traffic	Traffic related configuration
	mac-address	Specifies the destination mac of the lldp agent
	<mac-addr>	MAC address to be used as destination MAC

	address by the LLDP agent on this port
Sample output	<pre> OneView# show lldp traffic ten-GigabitEthernet 0/0/2:1 Total Frames Out : 12398 Total Tagged Frames Out : 0 Total Entries Aged : 0 Total Frames In : 6245 Total Frames Received In Error : 0 Total Frames Discarded : 0 Total TLVS Unrecognized : 0 Total TLVS Discarded : 0 Total PDU length error Drops : 0 Total LLDP-MED Frames Out : 0 Total LLDP-MED Frames In : 0 Total LLDP-MED Frames Discarded : 0 Total LLDP-MED TLVs Discarded : 0 Total Media Capability TLVs Discarded : 0 Total Network Policy TLVs Discarded : 0 Total Inventory TLVs Discarded : 0 OneView# </pre>

Command	show logging
Help	<p>show Displays the configuration / statistics / general information</p> <p>logging Logging related configuration</p>
Sample output	<pre> OneView# show logging System Log Information ----- Syslog logging : enabled(Number of messages 0) Console logging : enabled(Number of messages 334667) TimeStamp option : enabled Severity logging : Critical Facility : Default (local0) Buffered size : 50 Entries LogBuffer(50 Entries, 51600 bytes) <130>Oct 3 19:13:53 ICM [CRIT] RMON Logging Event With Description : IfInOctetRising <130>Oct 3 19:13:53 ICM [CRIT] RMON Logging Event With Description : IfOutOctetRising <130>Oct 3 19:13:55 ICM [CRIT] RMON Logging Event With Description : IfOutOctetRising <134>Oct 3 19:13:58 ICM [INFO] SNTP Old Time: Sat Oct 03 2020 19:13:58.000 (UTC + 00:00), New Time: Sat Oct 03 2020 19:13:58.000 (UTC + 00:00), In Sync with Server Time, ServerIpAddress: 16.110.135.123 <130>Oct 3 19:14:11 ICM [CRIT] RMON Logging Event With Description : IfOutOctetRising <130>Oct 3 19:14:11 ICM [CRIT] RMON Logging Event With Description : IfOutOctetRising <130>Oct 3 19:14:11 ICM [CRIT] RMON Logging Event With Description : IfInOctetFalling <130>Oct 3 19:14:11 ICM [CRIT] RMON Logging Event With Description : IfOutOctetRising <130>Oct 3 19:14:14 ICM [CRIT] RMON Logging Event With Description : IfInOctetFalling <130>Oct 3 19:14:14 ICM [CRIT] RMON Logging Event With Description : IfOutOctetFalling <130>Oct 3 19:14:14 ICM [CRIT] RMON Logging Event With Description : IfOutOctetFalling <130>Oct 3 19:14:14 ICM [CRIT] RMON Logging Event With Description : IfOutOctetRising <130>Oct 3 19:14:14 ICM [CRIT] RMON Logging Event With Description : IfOutOctetFalling </pre>

	<pre> <130>Oct 3 19:14:14 ICM [CRIT] RMON Logging Event With Description : IfOutOctetFalling <130>Oct 3 19:14:14 ICM [CRIT] RMON Logging Event With Description : IfInOctetFalling <130>Oct 3 19:14:14 ICM [CRIT] RMON Logging Event With Description : IfOutOctetFalling <130>Oct 3 19:14:14 ICM [CRIT] RMON Logging Event With Description : IfOutOctetFalling <130>Oct 3 19:14:14 ICM [CRIT] RMON Logging Event With Description : IfInOctetFalling <130>Oct 3 19:14:14 ICM [CRIT] RMON Logging Event With Description : IfOutOctetFalling <129>Oct 3 19:14:15 ICM [ALERT] [DCBX] ETS DcbxStatus changed to peerNotAdvFeat for port 12 <129>Oct 3 19:14:15 ICM [ALERT] [DCBX] PFC DcbxStatus changed to peerNotAdvFeat for port 12 <129>Oct 3 19:14:15 ICM [ALERT] [DCBX] AppPri DcbxStatus changed to peerNotAdvFeat for port 12 <129>Oct 3 19:14:15 ICM [ALERT] [DCBX] ETS DcbxStatus changed to unknown for port 12 <129>Oct 3 19:14:15 ICM [ALERT] [DCBX] ETS DcbxStatus changed to cfgNotCompatible for port 12 <129>Oct 3 19:14:15 ICM [ALERT] [DCBX] PFC DcbxStatus changed to unknown for port 12 <129>Oct 3 19:14:15 ICM [ALERT] [DCBX] PFC DcbxStatus changed to cfgNotCompatible for port 12 <129>Oct 3 19:14:15 ICM [ALERT] [DCBX] AppPri DcbxStatus changed to unknown for port 12 <129>Oct 3 19:14:15 ICM [ALERT] [DCBX] AppPri DcbxStatus changed to ok for port 12 <130>Oct 3 19:14:16 ICM [CRIT] RMON Logging Event With Description : IfOutOctetFalling <130>Oct 3 19:14:16 ICM [CRIT] RMON Logging Event With Description : IfOutOctetFalling <129>Oct 3 19:14:17 ICM [ALERT] [DCBX] ETS DcbxStatus changed to peerNotAdvFeat for port 149 <129>Oct 3 19:14:17 ICM [ALERT] [DCBX] PFC DcbxStatus changed to peerNotAdvFeat for port 149 <129>Oct 3 19:14:17 ICM [ALERT] [DCBX] AppPri DcbxStatus changed to peerNotAdvFeat for port 149 <129>Oct 3 19:14:17 ICM [ALERT] [DCBX] ETS DcbxStatus changed to unknown for port 149 <129>Oct 3 19:14:17 ICM [ALERT] [DCBX] ETS DcbxStatus changed to cfgNotCompatible for port 149 <129>Oct 3 19:14:17 ICM [ALERT] [DCBX] PFC DcbxStatus changed to unknown for port 149 <129>Oct 3 19:14:17 ICM [ALERT] [DCBX] PFC DcbxStatus changed to cfgNotCompatible for port 149 <129>Oct 3 19:14:17 ICM [ALERT] [DCBX] AppPri DcbxStatus changed to unknown for port 149 <129>Oct 3 19:14:17 ICM [ALERT] [DCBX] AppPri DcbxStatus changed to ok for port 149 <129>Oct 3 19:14:18 ICM [ALERT] [DCBX] ETS DcbxStatus changed to peerNotAdvFeat for port 150 <129>Oct 3 19:14:18 ICM [ALERT] [DCBX] PFC DcbxStatus changed to peerNotAdvFeat for port 150 <129>Oct 3 19:14:18 ICM [ALERT] [DCBX] AppPri DcbxStatus changed to peerNotAdvFeat for port 150 <129>Oct 3 19:14:18 ICM [ALERT] [DCBX] ETS DcbxStatus changed to unknown for port 150 <129>Oct 3 19:14:18 ICM [ALERT] [DCBX] ETS DcbxStatus changed to cfgNotCompatible for port 150 <129>Oct 3 19:14:18 ICM [ALERT] [DCBX] PFC DcbxStatus changed to unknown for port 150 <129>Oct 3 19:14:18 ICM [ALERT] [DCBX] PFC DcbxStatus changed to cfgNotCompatible for port 150 <129>Oct 3 19:14:18 ICM [ALERT] [DCBX] AppPri DcbxStatus changed to unknown for port 150 <129>Oct 3 19:14:18 ICM [ALERT] [DCBX] AppPri DcbxStatus changed to ok for port 150 </pre>
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	<pre><130>Oct 3 19:14:31 ICM [CRIT] RMON Logging Event With Description : IfInOctetRising <130>Oct 3 19:14:31 ICM [CRIT] RMON Logging Event With Description : IfOutOctetFalling OneView#</pre>
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Command	show mac-address-table aging-time [switch <context_name>]	
Help	<div>show</div> <div>mac-address-table</div> <div>aging-time</div> <div>switch</div> <div>default</div>	<div>Displays the configuration / statistics / general information</div> <div>Mac address table entries</div> <div>Maximum age of a Mac address table entry</div> <div>Protocol specific information for switch</div> <div>Switch Name/Context Name</div>
Sample output	<pre>OneView# show mac-address-table aging-time switch default Mac Address Aging Time: 300 OneView#</pre>	

Command	show mac-address-table count [vlan <vlan-id/vfi-id>] [switch <context_name>]	
Help	<div>show</div> <div>mac-address-table</div> <div>count</div> <div>vlan</div> <div>vlan_vfi_id</div> <div>switch</div> <div>default</div>	<div>Displays the configuration / statistics / general information</div> <div>Mac address table entries</div> <div>Number of MAC addresses present on all the VLANs or on a specified VLAN</div> <div>Protocol specific configuration for VLAN</div> <div>The range (1-4094) is for VLAN ID and the range (4096 - 65535) is for VFI</div> <div>Protocol specific information for switch</div> <div>Switch Name/Context Name</div>
Sample output	<pre>OneView# show mac-address-table count vlan 100 switch default Mac Entries for Vlan 100: ----- Dynamic Unicast Address Count : 0 Dynamic Multicast Address Count : 0 Static Unicast Address Count : 0 Static Multicast Address Count : 0 ----- OneView# OneView# show mac-address-table count vlan 101 switch default % Vlan is not Active OneView#</pre>	

Command	show mac-address-table dynamic multicast [vlan <vlan-range>] [address <aa:aa:aa:aa:aa:aa>] [{interface <interface-type> <interface-id> switch <context_name>}]	
Help	<div>show</div> <div>mac-address-table</div> <div>dynamic</div>	<div>Displays the configuration / statistics / general information</div> <div>Mac address table entries</div> <div>Dynamically learnt entry</div>

	multicast Multicast mac address vlan Protocol specific configuration for VLAN <string(9)> Vlan range address Multicast mac address aa:bb:cc:dd:ee:ff Multicast MAC address switch Protocol specific information for switch default Switch Name/Context Name
Sample output	<pre> OneView# show mac-address-table dynamic multicast Vlan Mac Address Type ConnectionId Ports ---- - 102 01:00:5e:01:01:01 Learnt po35 Total Mac Addresses displayed: 1 OneView# OneView# show mac-address-table dynamic multicast vlan 102 address 01:00:5e:01:01:01 Vlan Mac Address Type ConnectionId Ports ---- - 102 01:00:5e:01:01:01 Learnt po35 Total Mac Addresses displayed: 1 OneView# OneView# show mac-address-table dynamic multicast Vlan Mac Address Type ConnectionId Ports ---- - Total Mac Addresses displayed: 0 OneView# </pre>

Command	show mac-address-table dynamic unicast [vlan <vlan-range>] [address <aa:aa:aa:aa:aa:aa>] [{interface <interface-type> <interface-id> switch <context_name>}]	
Help	show Displays the configuration / statistics / general information mac-address-table Mac address table entries dynamic Dynamically learnt entry unicast Unicast mac address vlan Protocol specific configuration for VLAN <string(9)> Vlan range address Multicast mac address aa:bb:cc:dd:ee:ff Multicast MAC address switch Protocol specific information for switch default Switch Name/Context Name	
Sample output	<pre> OneView# show mac-address-table dynamic unicast Vlan Mac Address Type ConnectionId Ports ---- - 131 a0:d3:c1:01:cc:a2 Learnt 301 a0:d3:c1:01:cc:a2 Learnt po3 po2 </pre>	

	<pre> 500 5c:8a:38:23:2f:79 Learnt 500 a0:d3:c1:01:cc:a2 Learnt Total Mac Addresses displayed: 4 OneView# OneView# show mac-address-table dynamic unicast vlan 301 Vlan Mac Address Type ConnectionId Ports ---- - 301 a0:d3:c1:01:cc:a2 Learnt Total Mac Addresses displayed: 1 OneView# </pre>
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Command	<pre> show mac-address-table static multicast [vlan <vlan-range>] [address <aa:aa:aa:aa:aa:aa>] [{interface <interface-type> <interface-id> switch <context_name>}] </pre>	
Help	<pre> show Displays the configuration / statistics / general information mac-address-table Mac address table entries static Static Multicast mac address multicast Multicast mac address vlan Protocol specific configuration for VLAN <string(9)> Vlan range address Multicast mac address aa:bb:cc:dd:ee:ff Multicast MAC address switch Protocol specific information for switch default Switch Name/Context Name </pre>	
Sample output	<pre> OneView# show mac-address-table static multicast Vlan Mac Address Type ConnectionId Ports ---- - 102 01:00:5e:01:01:01 Learnt Total Mac Addresses displayed: 1 OneView# OneView# show mac-address-table static multicast Static Multicast Table ----- Total Mac Addresses displayed: 0 OneView# </pre>	

Command	<pre> show mac-address-table static unicast [vlan <vlan-range>] [address <aa:aa:aa:aa:aa:aa>] [{interface <interface-type> <interface-id> switch <context_name>}] </pre>	
Help	<pre> show Displays the configuration / statistics / general information </pre>	

	mac-address-table Mac address table entries static Static Multicast mac address unicast Unicast mac address vlan Protocol specific configuration for VLAN <string(9)> Vlan range address Multicast mac address aa:bb:cc:dd:ee:ff Multicast MAC address switch Protocol specific information for switch default Switch Name/Context Name
Sample output	<pre> OneView# show mac-address-table static unicast Vlan Mac Address RecvPort Status ConnectionId Ports ---- - --- 3501 0a:0c:5e:20:00:81 Permanent S- Channel0/1/1:3 3501 d8:94:03:28:27:2c Permanent Ten- GigabitEthernet0/0/2:1 Total Mac Addresses displayed: 2 OneView# OneView# show mac-address-table static unicast Vlan Mac Address RecvPort Status ConnectionId Ports ---- - --- Total Mac Addresses displayed: 0 OneView# </pre>

Command	show mac-address-table {[vlan <vlan-range>] [address <aa:aa:aa:aa:aa:aa>] [{interface <interface-type> <interface-id> switch <context_name> }]] }				
Help	show	Displays the configuration / statistics / general information			
	mac-address-table	Mac address table entries			
	vlan	Protocol specific configuration for VLAN			
	<string(9)>	Vlan range			
	address	Multicast mac address			
	aa:bb:cc:dd:ee:ff	Multicast MAC address			
	switch	Protocol specific information for switch			
	default	Switch Name/Context Name			
Sample output	OneView# show mac-address-table				
	Vlan	Mac	Type	Ports	Hit

	-				
	100	0a:0c:5e:20:00:7f	Learnt	S-Channel0/1/1:2	No
	3970	d8:94:03:28:27:58	Learnt	po31	Yes
	1	d8:94:03:28:27:5c	Learnt	po4	No
	651	64:31:50:4b:56:3a	Learnt	po4	No
	1	d8:94:03:28:27:65	Learnt	po4	Yes
	202	d8:94:03:28:27:38	Learnt	po4	Yes
	1	d8:94:03:28:27:63	Learnt	po4	Yes
	100	d8:94:03:28:27:32	Learnt	po4	Yes

	1	d8:94:03:28:27:59	Learnt	po4	No
	3970	d8:94:03:28:27:60	Learnt	po31	Yes
	1	d8:94:03:28:27:64	Learnt	po4	Yes
	1	d8:94:03:28:27:56	Learnt	po4	No
	3502	d8:94:03:28:27:2c	Static	Ten-GigabitEthernet1/0/2:1	Yes
	3501	d8:94:03:28:27:2c	Static	Ten-GigabitEthernet0/0/2:1	No
	1	d8:94:03:28:27:5b	Learnt	po4	No
	1	d8:94:03:28:27:5d	Learnt	po4	No
	100	00:40:00:00:67:00	Learnt	Ten-GigabitEthernet0/0/5:1	Yes
	3967	d8:94:03:28:27:5f	Learnt	po32	Yes
	204	d8:94:03:28:27:3a	Learnt	po4	Yes
	3502	0a:0c:5e:20:00:82	Static	S-Channel1/1/1:3	No
	1	d8:94:03:28:27:5e	Learnt	po4	Yes
	3970	d8:94:03:28:27:40	Learnt	po31	Yes
	1	d8:94:03:28:27:61	Learnt	po4	Yes
	3967	d8:94:03:28:27:57	Learnt	po32	Yes
	Total Unicast Mac Addresses displayed: 24				
	102	01:00:5e:01:01:01	Learnt	po35	
	Total Multicast Mac Addresses displayed: 1				
	OneView#				

Command	show mbsm-np-sync status	
Help	show	Displays the configuration / statistics / general information
	mbsm-np-sync status	Mbsm Npsync related information msg status related information.
Sample output	OneView# show mbsm-np-sync status Mbsm-NpBulk-Sync-Status : complete Completed Mods : MBSM_PROTO_COOKIE_VCM MBSM_PROTO_COOKIE_CFA MBSM_PROTO_COOKIE_LA MBSM_PROTO_COOKIE_VLAN MBSM_PROTO_COOKIE_SISP MBSM_PROTO_COOKIE_SNOOP MBSM_PROTO_COOKIE_IP_ARP MBSM_PROTO_COOKIE_IP_RTM MBSM_PROTO_COOKIE_IP6_RTM6 MBSM_PROTO_COOKIE_QOSX MBSM_PROTO_COOKIE_DCBX MBSM_PROTO_COOKIE_FSB MBSM_PROTO_COOKIE_FIP LinkScan : Done OneView#	

Command	show meter [<meter-id(1-65535)>]	
Help	show	Displays the configuration / statistics / general information
	meter (1-65535)	Meter related configuration Meter identifier
Sample output	Switch# show meter QoS Meter Entries ----- MeterId : 1 Type : SRTCM Color Mode : Color Blind Interval : None CIR : 20 CBS : 20 EIR : None EBS : 20 NextMeter : None Status : Active	

	<pre> MeterId : 2 Type : Simple Token Bucket Color Mode : Color Blind Interval : None CIR : None CBS : None EIR : None EBS : None NextMeter : None Status : InActive OneView# show meter QoS Meter Entries ----- OneView# </pre>
--	--

Command	show mgmt interface	
Help	<pre> show Displays the configuration / statistics / general information mgmt OOB related configuration interface information </pre>	
Sample output	<pre> OneView# show mgmt interface mgmt is up, line protocol is up Internet Address : fd00:1:1:2:4a0f:b617:fa23:2ab3 Subnet Mask is : 64 SNTP server Address : DNS server Address : Ipv6 address allocation method is dynamic FQDN : VC4040F8- 2TV5201434.us.rdlabs.hpecorp.net Link Local Address : fe80::5eb9:1ff:fe47:228d OneView# </pre>	

Command	show mode-led	
Help	<pre> show Displays the configuration / statistics / general information mode-led Port LED related information </pre>	
Sample output	<pre> OneView# show mode-led Port LED Mode ----- Port LED Mode : Link/Activity OneView# </pre>	

Command	show nameserverdb statistics	
Help	<pre> show Displays the configuration / statistics / general information nameserverdb Name server database related information statistics statistical information </pre>	
Sample output	<pre> OneView# show nameserverdb statistics Number of Get Request - 0 Number of Registration Request - 0 </pre>	

	Number of DeRegistration Request - 0 Number of Reject Sent - 0 OneView#
--	---

Command	show nameserverdb {[vsan <integer(1-4094)>]}				
Help	show	Displays the configuration / statistics / general information			
	nameserverdb	Name server database related information			
	vsan	Display name server database for specified vsan			
	<integer(1-4094)>	vsan			
Sample output	OneView# show nameserverdb				
	VSAN	FCID	Port-WWN	Type	Interface

	3713	03:1e:01	22:22:ea:93:fc:da:aa:01	initiator	S-Channel0/2/12:3
	3713	03:80:00	21:02:00:02:ac:01:de:36	target	ethernet0/0/3:1
	OneView#				
	OneView# show nameserverdb vsan 3713				
	VSAN	FCID	Port-WWN	Type	Interface

	3713	03:1e:01	22:22:ea:93:fc:da:aa:01	initiator	S-Channel0/2/12:3
3713	03:80:00	21:02:00:02:ac:01:de:36	target	ethernet0/0/3:1	
OneView#					
OneView# show nameserverdb					
VSAN	FCID	Port-WWN	Type	Interface	

OneView#					

Command	show nameserverdb {[vsan <integer(1-4094)>]} {detail}
Help	show Displays the configuration / statistics / general information nameserverdb Name server database related information vsan Display name server database for specified vsan <integer(1-4094)> vsan detail Displays name server detailed database of type FC-DA only
Sample output	<pre>OneView# show nameserverdb vsan 3713 detail</pre> <pre>VSAN: 3713 FCID: 03:1e:01 port-wwn : 22:22:ea:93:fc:da:aa:01 node-wwn : 55:55:ea:93:fc:da:aa:01 fc4-type:feature : scsi-fcp:initiator symbolic-port-name : QLogic qedf v8.45.2.0 symbolic-node-name : QLogic qedf v8.45.2.0 port-type : N</pre>

	<pre> connected interface : S-Channel0/2/12:3 VSAN: 3713 FCID: 03:80:00 port-wwn : 21:02:00:02:ac:01:de:36 node-wwn : 2f:f7:00:02:ac:01:de:36 fc4-type:feature : scsi-fcp:target symbolic-port-name : 2M271902JX - 1:0:2 - LPE16002 symbolic-node-name : HP_3PAR 8400 - 2M271902JX - fw:3224 port-type : N connected interface : ethernet0/0/3:1 OneView# </pre>
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Command	show np-statistics-collect config
Help	<pre> show Displays the configuration / statistics / general information np-statistics-collect NP statistics config NP Statistics collect configuration </pre>
Sample output	<pre> OneView# show np-statistics-collect config Np-Statistics-Collect Interval 5000 Np-Statistics-Collect File Format csv OneView# </pre>

Command	show npv flogi status
Help	<pre> show Displays the configuration / statistics / general information npv NPV Port related information flogi FLOGI related information status NPV FLOGI status of NP_PORT </pre>
Sample output	<pre> OneView# show npv flogi status Display the Internal FLOGI status of each NP_PORT Interface VLAN VSAN FCID NODE NAME PORT NAME ===== ===== ===== ===== Ten-GigabitEthernet0/0/3:1 3968 3712 01:10:00 10:00:00:11:0a:06:0c:f9 20:08:00:11:0a:06:0c:f9 Ten-GigabitEthernet1/0/3:1 3969 3713 01:11:00 10:00:00:11:0a:06:0d:71 20:08:00:11:0a:06:0d:71 OneView# OneView# show npv flogi status Display the Internal FLOGI status of each NP_PORT Interface VLAN VSAN FCID NODE NAME PORT NAME ===== ===== ===== ===== OneView# </pre>

Command	show nvram
Help	<pre> show Displays the configuration / statistics / general information nvram Current information stored in the nvram </pre>

Sample output	<pre> OneView# show nvram Default IP Address : 0.0.0.0 Default Subnet Mask : 255.255.255.0 Default IP Address Config Mode : Manual Default IP Address Allocation Protocol : DHCP Switch Base MAC Address : 5c:b9:01:47:22:8e Default Interface Name : mgmt Default RM Interface Name : lo Config Restore Option : Restore Config Save Option : Startup save Auto Save : Disable Incremental Save : Disable Roll Back : Disable Config Save IP Address : 0.0.0.0 Config Save Filename : iss.conf Config Restore Filename : iss.conf PIM Mode : Sparse Mode IGS Forwarding Mode : MAC based Cli Serial Console : No SNMP EngineID : 80.00.00.0b.03.5C.B9.01.47.22.8D SNMP Engine Boots : 3 Default VLAN Identifier : 4095 Stack PortCount : 0 ColdStandby : Disable Store Default Value : Disable Vrf Unique Mac : Disable Hitless Restart Flag : Disable Hardware Version : Software Version : 1.4.2-1005 2020-02-29 D Firmware Version : 1.4.2-1005 Hardware Serial Number : Software Serial Number : Switch Name : HPE RM Heart Beat Mode : Internal RM Redundancy Type : Hot RM Data Plane Type : Shared RM Type : Ethernet NPAPI mode : Synchronous TimeStamp Method : Software Restore Flag : Disabled Dynamic Port Count : 276 Switch Operation mode : Legacy Restore Option : Enabled Bridge Mode : Customer Bridge Debugging Log File Location : Management Port : Enabled Automatic Port Create Flag : Enabled IMG_DUMP_PATH : Serial Number : 2TV5201434 Part Number : 794502-B23 Board Revision : VP2 Base-MAC : 5C:B9:01:47:22:8D Top-MAC : 5C:B9:01:47:23:1D WWNN : 10:00:00:11:0A:06:06:F5 Factory Timestamp : 123456 Modified Timestamp : 2016-04-13 OneView# </pre>
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Command	show password validate rules	
Help	show	Displays the configuration / statistics / general information
	password	displays password related configuration
	validate	displays password validation related

	configurations rules displays the rules
Sample output	OneView# show password validate rules Password Validation Mask : 10 Alpha Numeric Characters are expected OneView#

Command	show pcba version
Help	show Displays the configuration / statistics / general information pcba PCBA related information version Displays the PCBA version
Sample output	OneView# show pcba version PCBA Version ----- PCBA Version : VP2 OneView#

Command	show persistent files
Help	show Displays the configuration / statistics / general information files Show files information in NOS FileSystem
Sample output	OneView# show persistent files Persistent Files List =====

Command	show pfc global info
Help	show Displays the configuration / statistics / general information pfc Priority-based flow control related configuration global Global configuration info Information about the pfc feature
Sample output	OneView# show pfc global info Priority Flow Control GLOBAL Info ----- PFC System control status : Start PFC Module status : Enabled PFC Trap Count : 0 Trap(s) Enabled: ----- None OneView#

Command	show policy-map [<meter-id(1-65535)>]
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Help	show Displays the configuration / statistics / general information policy-map (1-65535) Policy map related configuration Policy map number
Sample output	<pre> OneView# show policy-map 1 QoS Policy Map Entries ----- PolicyMapId : 1 IfIndex : 0 Class : 1 DefaultPHB : None. MeterId : 0 ConNClass : 0 ExcNClass : 0 VioNClass : 0 ConfAct : None. ExcAct : None. VioAct : None. OneView# OneView# show policy-map 104 QoS Policy Map Entries ----- PolicyMapId : 104 IfIndex : 0 Class : 124 DefaultPHB : VlanPri 3 MeterId : 0 ConNClass : 0 ExcNClass : 0 VioNClass : 0 ConfAct : None. ExcAct : None. VioAct : None. OneView# </pre>

Command	show port vlanlist [port <interface-type> <interface-id>] [switch <context_name>]
Help	show Displays the configuration / statistics / general information port Port related configuration vlanlist VLAN list configuration for port port Vlan related parameters specific to port switch Protocol specific information for switch default Switch Name/Context Name
Sample output	<pre> OneView# show port vlanlist port ten-GigabitEthernet 0/0/2:1 Port VLAN List ----- Port Ten-GigabitEthernet0/0/2:1 Member Vlan's : vlan 106, Untagged Vlan's : None OneView# OneView# show port vlanlist port FortyGigE 0/0/1 switch default </pre>

	Ten-GigabitEthernet0/0/5:2	Enabled	Detection-only	Normal	0
	Ten-GigabitEthernet0/0/5:3	Enabled	Detection-only	Normal	0
	Ten-GigabitEthernet0/0/5:4	Enabled	Detection-only	Normal	0
	FortyGigE0/0/6	Enabled	Detection-only	Normal	0
	FortyGigE1/0/1	Enabled	Detection-only	Normal	0
	FortyGigE1/0/2	Enabled	Detection-only	Normal	0
	FortyGigE1/0/3	Enabled	Detection-only	Normal	0
	FortyGigE1/0/4	Enabled	Detection-only	Normal	0
	Ten-GigabitEthernet1/0/5:1	Enabled	Detection-only	Normal	0
	Ten-GigabitEthernet1/0/5:2	Enabled	Detection-only	Normal	0
	Ten-GigabitEthernet1/0/5:3	Enabled	Detection-only	Normal	0
	Ten-GigabitEthernet1/0/5:4	Enabled	Detection-only	Normal	0
	FortyGigE1/0/6	Enabled	Detection-only	Normal	0
	TwentyGigE0/1/1	Enabled	Enabled	Normal	0
	TwentyGigE0/1/2	Enabled	Enabled	Normal	0
	TwentyGigE0/1/3	Enabled	Enabled	Normal	0
	TwentyGigE0/1/4	Enabled	Enabled	Normal	0
	TwentyGigE0/1/5	Enabled	Enabled	Normal	0
	TwentyGigE0/1/6	Enabled	Enabled	Normal	0
	TwentyGigE0/1/7	Enabled	Enabled	Normal	0
	TwentyGigE0/1/8	Enabled	Enabled	Normal	0
	TwentyGigE0/1/9	Enabled	Enabled	Normal	0
	TwentyGigE0/1/10	Enabled	Enabled	Normal	0
	TwentyGigE0/1/11	Enabled	Enabled	Normal	0
	TwentyGigE0/1/12	Enabled	Enabled	Normal	0
	TwentyGigE1/1/1	Enabled	Enabled	Normal	0
	TwentyGigE1/1/2	Enabled	Enabled	Normal	0
	TwentyGigE1/1/3	Enabled	Enabled	Normal	0
	TwentyGigE1/1/4	Enabled	Enabled	Normal	0
	TwentyGigE1/1/5	Enabled	Enabled	Normal	0
	TwentyGigE1/1/6	Enabled	Enabled	Normal	0
	TwentyGigE1/1/7	Enabled	Enabled	Normal	0
	TwentyGigE1/1/8	Enabled	Enabled	Normal	0
	TwentyGigE1/1/9	Enabled	Enabled	Normal	0
	TwentyGigE1/1/10	Enabled	Enabled	Normal	0
	TwentyGigE1/1/11	Enabled	Enabled	Normal	0
	TwentyGigE1/1/12	Enabled	Enabled	Normal	0
	OneView#				

Command	show priority-flow-control config	
Help	show	Displays the configuration / statistics / general information
	priority-flow-control config	Priority Flow Control Global configuration
Sample output	OneView# show priority-flow-control config Priority Flow Control GLOBAL Info ----- PFC Minimum ThreShold Value is:1 PFC Maximum ThreShold Value is:65535 PFC Maximum Profile Supported by the system is:256 OneView#	

Command	show priority-map [<priority-map-id(1-65535)>]	
Help	show	Displays the configuration / statistics / general information
	priority-map (1-65535)	Priority map related configuration Output priority map index for the incoming packet received over ingress port / VLAN

	with specified incoming priority
Sample output	<pre> OneView# show priority-map 1 QoS Priority Map Entries ----- PriorityMapId : 1 In Port List : TwentyGigE0/1/7, TwentyGigE0/1/1, TwentyGigE0/1/8, TwentyGigE0/1/2, TwentyGigE0/1/9, TwentyGigE0/1/3, TwentyGigE0/1/10, TwentyGigE0/1/4, TwentyGigE0/1/11, TwentyGigE0/1/5, TwentyGigE0/1/12, TwentyGigE0/1/6, FortyGigE0/0/1, Ten- GigabitEthernet0/0/2:1, Ten-GigabitEthernet0/0/2:2, Ten- GigabitEthernet0/0/2:3, Ten-GigabitEthernet0/0/2:4, FortyGigE0/0/3, FortyGigE0/0/4, Ten-GigabitEthernet0/0/5:1, Ten-GigabitEthernet0/0/5:2, Ten- GigabitEthernet0/0/5:3, Ten-GigabitEthernet0/0/5:4, FortyGigE0/0/6, TwentyGigE1/1/1, TwentyGigE1/1/7, TwentyGigE1/1/2, TwentyGigE1/1/8, TwentyGigE1/1/3, TwentyGigE1/1/9, TwentyGigE1/1/4, TwentyGigE1/1/10, TwentyGigE1/1/5, TwentyGigE1/1/11, TwentyGigE1/1/6, TwentyGigE1/1/12, FortyGigE1/0/1, FortyGigE1/0/2, FortyGigE1/0/3, FortyGigE1/0/4, Ten-GigabitEthernet1/0/5:1, Ten- GigabitEthernet1/0/5:2, Ten-GigabitEthernet1/0/5:3, Ten- GigabitEthernet1/0/5:4, FortyGigE1/0/6 VlanId : 0 InPriorityType : VlanPriority InPriority : 0 RegenPriority : 0 InnerRegenPriority : None OneView# </pre>

Command	show privilege	
Help	show	Displays the configuration / statistics / general information
	privilege	Privilege Value
Sample output	<pre> OneView# show privilege Current privilege level is 1 OneView# </pre>	

Command	show qos def-user-priority [interface <iftype> <ifnum>]	
Help	show	Displays the configuration / statistics / general information
	qos	Quality of Service related configuration
	def-user-priority	Default ingress user priority related
	interface	Interface related configuration
	FortyGigE	Forty Gigabit ethernet interface
	Ten-GigabitEthernet	Ten Gigabit ethernet interface

	TwentyGigE s-channel 0-1>/<0-12>/<1-136>:<1-4>	Twenty Gigabit ethernet interface S-Channel Interface Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]
Sample output	<pre> OneView# show qos def-user-priority interface ten- GigabitEthernet 0/0/2:1 QoS Default User Priority Entries ----- IfIndex Default User Priority ----- Ten-GigabitEthernet0/0/2:1 0 OneView# show qos def-user-priority QoS Default User Priority Entries ----- IfIndex Default User Priority ----- TwentyGigE0/1/7 0 TwentyGigE0/1/1 0 TwentyGigE0/1/8 0 TwentyGigE0/1/2 0 TwentyGigE0/1/9 0 TwentyGigE0/1/3 0 TwentyGigE0/1/10 0 TwentyGigE0/1/4 0 TwentyGigE0/1/11 0 TwentyGigE0/1/5 0 TwentyGigE0/1/12 0 TwentyGigE0/1/6 0 OneView# </pre>	

Command	show qos global info	
Help	show qos global info	Displays the configuration / statistics / general information Quality of Service related configuration Global configuration Information about the protocol / specified feature
Sample output	<pre> OneView# show qos global info QoS Global Information ----- System Control : Start System Status : Enable Rate Unit : kbps Rate Granularity : 64 Trace Flag : 64 OneView# </pre>	

Command	show qos meter-stats [<Meter-Id(1-65535)>]	
Help	show qos meter-stats	Displays the configuration / statistics / general information Quality of Service related configuration Meter statistics information

	(1-65535) Meter identifier
Sample output	<pre> OneView# show qos meter-stats 65039 QoS Meter (Policer) Stats ----- Meter 65039 statistics status is disabled OneView# </pre>

Command	show qos pbit-preference-over-Dscp [interface <iftyp> <ifnum>]	
Help	show qos pbit-preference-over-Dscp interface FortyGigE Ten-GigabitEthernet TwentyGigE s-channel <0-1>/<0-12>/<1-136>:<1-4>	Displays the configuration / statistics / general Information Quality of Service related configuration Preference of pbit over Dscp Interface related configuration Forty Gigabit ethernet interface Ten Gigabit ethernet interface Twenty Gigabit ethernet interface S-Channel Interface Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]
Sample output	<pre> OneView# show qos pbit-preference-over-Dscp QoS Default Pbit Preference Entries ----- IfIndex Pbit preference over DSCP ----- FortyGigE0/0/1 Enabled Ten-GigabitEthernet0/0/2:1 Enabled Ten-GigabitEthernet0/0/2:2 Enabled Ten-GigabitEthernet0/0/2:3 Enabled Ten-GigabitEthernet0/0/2:4 Enabled FortyGigE0/0/3 Enabled FortyGigE0/0/4 Enabled Ten-GigabitEthernet0/0/5:1 Enabled Ten-GigabitEthernet0/0/5:2 Enabled Ten-GigabitEthernet0/0/5:3 Enabled Ten-GigabitEthernet0/0/5:4 Enabled FortyGigE0/0/6 Enabled FortyGigE0/0/7 Enabled FortyGigE0/0/8 Enabled FortyGigE1/0/1 Enabled FortyGigE1/0/2 Enabled FortyGigE1/0/3 Enabled FortyGigE1/0/4 Enabled Ten-GigabitEthernet1/0/5:1 Enabled Ten-GigabitEthernet1/0/5:2 Enabled Ten-GigabitEthernet1/0/5:3 Enabled Ten-GigabitEthernet1/0/5:4 Enabled FortyGigE1/0/6 Enabled FortyGigE1/0/7 Enabled FortyGigE1/0/8 Enabled TwentyGigE0/1/1 Enabled TwentyGigE0/1/2 Enabled TwentyGigE0/1/3 Enabled TwentyGigE0/1/4 Enabled TwentyGigE0/1/5 Enabled TwentyGigE0/1/6 Enabled TwentyGigE0/1/7 Enabled TwentyGigE0/1/8 Enabled TwentyGigE0/1/9 Enabled TwentyGigE0/1/10 Enabled TwentyGigE0/1/11 Enabled TwentyGigE0/1/12 Enabled </pre>	

	<pre> TwentyGigE1/1/1 Enabled TwentyGigE1/1/2 Enabled TwentyGigE1/1/3 Enabled TwentyGigE1/1/4 Enabled TwentyGigE1/1/5 Enabled TwentyGigE1/1/6 Enabled TwentyGigE1/1/7 Enabled TwentyGigE1/1/8 Enabled TwentyGigE1/1/9 Enabled TwentyGigE1/1/10 Enabled TwentyGigE1/1/11 Enabled TwentyGigE1/1/12 Enabled OneView# show qos pbit-preference-over-Dscp interface ten- GigabitEthernet 0/0/2:1 QoS Default Pbit Preference Entries ----- IfIndex Pbit preference over DSCP ----- Ten-GigabitEthernet0/0/2:1 Enabled OneView# </pre>
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Command	show qos queue-stats [interface <iftype> <ifnum>]	
Help	<pre> show qos queue-stats interface FortyGigE Ten-GigabitEthernet TwentyGigE s-channel <0-1>/<0-12>/<1-136>:<1-4> </pre>	<p>Displays the configuration / statistics / general Information</p> <p>Quality of Service related configuration</p> <p>Queue statistics information</p> <p>Interface related configuration</p> <p>Forty Gigabit ethernet interface</p> <p>Ten Gigabit ethernet interface</p> <p>Twenty Gigabit ethernet interface</p> <p>S-Channel Interface</p> <p>Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]</p>
Sample output	<pre> OneView# show qos queue-stats interface twentyGigE 1/1/4 QoS Queue Stats ----- Interface Index : TwentyGigE1/1/4 Queue Index : 1 EnQ Packets : 2745 EnQ Octets : 396246 DeQ Packets : 2745 DeQ Octets : 396246 Discard Packets : 0 Discard Octets : 0 Occupancy Octets : 0 CongMgntAlgoDrop Octets : 0 Interface Index : TwentyGigE1/1/4 Queue Index : 2 EnQ Packets : 2745 EnQ Octets : 396246 DeQ Packets : 2745 DeQ Octets : 396246 Discard Packets : 0 Discard Octets : 0 Occupancy Octets : 0 CongMgntAlgoDrop Octets : 0 Interface Index : TwentyGigE1/1/4 Queue Index : 3 EnQ Packets : 2745 </pre>	

	EnQ Octets	: 396246
	DeQ Packets	: 2745
	DeQ Octets	: 396246
	Discard Packets	: 0
	Discard Octets	: 0
	Occupancy Octets	: 0
	CongMgntAlgoDrop Octets	: 0
	Interface Index	: TwentyGigE1/1/4
	Queue Index	: 4
	EnQ Packets	: 2745
	EnQ Octets	: 396246
	DeQ Packets	: 2745
	DeQ Octets	: 396246
	Discard Packets	: 0
	Discard Octets	: 0
	Occupancy Octets	: 0
	CongMgntAlgoDrop Octets	: 0
	Interface Index	: TwentyGigE1/1/4
	Queue Index	: 5
	EnQ Packets	: 2745
	EnQ Octets	: 396246
	DeQ Packets	: 2745
	DeQ Octets	: 396246
	Discard Packets	: 0
	Discard Octets	: 0
	Occupancy Octets	: 0
	CongMgntAlgoDrop Octets	: 0
	Interface Index	: TwentyGigE1/1/4
	Queue Index	: 6
	EnQ Packets	: 2745
	EnQ Octets	: 396246
	DeQ Packets	: 2745
	DeQ Octets	: 396246
	Discard Packets	: 0
	Discard Octets	: 0
	Occupancy Octets	: 0
	CongMgntAlgoDrop Octets	: 0
	Interface Index	: TwentyGigE1/1/4
	Queue Index	: 7
	EnQ Packets	: 2745
	EnQ Octets	: 396246
	DeQ Packets	: 2745
	DeQ Octets	: 396246
	Discard Packets	: 0
	Discard Octets	: 0
	Occupancy Octets	: 0
	CongMgntAlgoDrop Octets	: 0
	Interface Index	: TwentyGigE1/1/4
	Queue Index	: 8
	EnQ Packets	: 2745
	EnQ Octets	: 396246
	DeQ Packets	: 2745
	DeQ Octets	: 396246
	Discard Packets	: 0
	Discard Octets	: 0
	Occupancy Octets	: 0
	CongMgntAlgoDrop Octets	: 0
	Interface Index	: TwentyGigE1/1/4
	Queue Index	: 9
	EnQ Packets	: 2745
	EnQ Octets	: 396246
	DeQ Packets	: 2745
	DeQ Octets	: 396246
	Discard Packets	: 0
	Discard Octets	: 0

	Occupancy Octets	: 0
	CongMgntAlgoDrop Octets	: 0
	Interface Index	: TwentyGigE1/1/4
	Queue Index	: 10
	EnQ Packets	: 2745
	EnQ Octets	: 396246
	DeQ Packets	: 2745
	DeQ Octets	: 396246
	Discard Packets	: 0
	Discard Octets	: 0
	Occupancy Octets	: 0
	CongMgntAlgoDrop Octets	: 0
	Interface Index	: TwentyGigE1/1/4
	Queue Index	: 11
	EnQ Packets	: 2745
	EnQ Octets	: 396246
	DeQ Packets	: 2745
	DeQ Octets	: 396246
	Discard Packets	: 0
	Discard Octets	: 0
	Occupancy Octets	: 0
	CongMgntAlgoDrop Octets	: 0
	Interface Index	: TwentyGigE1/1/4
	Queue Index	: 12
	EnQ Packets	: 2745
	EnQ Octets	: 396246
	DeQ Packets	: 2745
	DeQ Octets	: 396246
	Discard Packets	: 0
	Discard Octets	: 0
	Occupancy Octets	: 0
	CongMgntAlgoDrop Octets	: 0
	Interface Index	: TwentyGigE1/1/4
	Queue Index	: 13
	EnQ Packets	: 2745
	EnQ Octets	: 396246
	DeQ Packets	: 2745
	DeQ Octets	: 396246
	Discard Packets	: 0
	Discard Octets	: 0
	Occupancy Octets	: 0
	CongMgntAlgoDrop Octets	: 0
	Interface Index	: TwentyGigE1/1/4
	Queue Index	: 14
	EnQ Packets	: 2745
	EnQ Octets	: 396246
	DeQ Packets	: 2745
	DeQ Octets	: 396246
	Discard Packets	: 0
	Discard Octets	: 0
	Occupancy Octets	: 0
	CongMgntAlgoDrop Octets	: 0
	Interface Index	: TwentyGigE1/1/4
	Queue Index	: 15
	EnQ Packets	: 2745
	EnQ Octets	: 396246
	DeQ Packets	: 2745
	DeQ Octets	: 396246
	Discard Packets	: 0
	Discard Octets	: 0
	Occupancy Octets	: 0
	CongMgntAlgoDrop Octets	: 0
	Interface Index	: TwentyGigE1/1/4
	Queue Index	: 16

	EnQ Packets : 2745 EnQ Octets : 396246 DeQ Packets : 2745 DeQ Octets : 396246 Discard Packets : 0 Discard Octets : 0 Occupancy Octets : 0 CongMgmtAlgoDrop Octets : 0 OneView#
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Command	show queue [interface <itype> <ifnum>]
Help	show Displays the configuration / statistics / general Information qos Quality of Service related configuration queue Queue related configuration interface Interface related configuration FortyGigE Forty Gigabit ethernet interface Ten-GigabitEthernet Ten Gigabit ethernet interface TwentyGigE Twenty Gigabit ethernet interface s-channel S-Channel Interface <0-1>/<0-12>/<1-136>:<1-4> Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]
Sample output	<pre> OneView# show queue interface ten-GigabitEthernet 0/0/2:1 QoS Queue Entries ----- Interface Queue QTemplate Scheduler Weight Priority QType ShapeIdx GlobalId ----- ----- Ten-GigabitEthernet0/0/2:1 1 1 100 50 1 UC 917 1633 Ten-GigabitEthernet0/0/2:1 2 1 3 1 1 UC none 1634 Ten-GigabitEthernet0/0/2:1 3 1 3 1 2 UC none 1635 Ten-GigabitEthernet0/0/2:1 4 1 100 50 1 UC 920 1636 Ten-GigabitEthernet0/0/2:1 5 1 3 1 4 UC none 1637 Ten-GigabitEthernet0/0/2:1 6 1 3 1 5 UC none 1638 Ten-GigabitEthernet0/0/2:1 7 1 3 1 6 UC none 1639 Ten-GigabitEthernet0/0/2:1 8 1 3 1 7 UC none 1640 Ten-GigabitEthernet0/0/2:1 9 1 5 1 8 MC none 1641 Ten-GigabitEthernet0/0/2:1 10 1 5 1 9 MC none 1642 Ten-GigabitEthernet0/0/2:1 11 1 5 1 10 MC none 1643 Ten-GigabitEthernet0/0/2:1 12 1 5 1 11 MC none 1644 Ten-GigabitEthernet0/0/2:1 13 1 5 1 12 MC none 1645 Ten-GigabitEthernet0/0/2:1 14 1 5 1 13 MC none 1646 Ten-GigabitEthernet0/0/2:1 15 1 5 1 14 MC none 1647 Ten-GigabitEthernet0/0/2:1 16 1 5 1 15 MC none 1648 </pre>

	OneView#
--	----------

Command	show queue-map [interface <iftype> <ifnum>]				
Help	show	Displays the configuration / statistics / general Information			
	queue-map	Queue map related configuration			
	interface	Interface related configuration			
	FortyGigE	Forty Gigabit ethernet interface			
	Ten-GigabitEthernet	Ten Gigabit ethernet interface			
	TwentyGigE	Twenty Gigabit ethernet interface			
	s-channel	S-Channel Interface			
	<0-1>/<0-12>/<1-136>:<1-4>	Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]			
Sample output	OneView# show queue-map				
	QoS Queue Map Entries				

	IfIndex	CLASS	PriorityType	Priority Value	Mapped Queue

	0	none	VlanPri	0	1
	0	none	VlanPri	1	2
	0	none	VlanPri	2	3
	0	none	VlanPri	3	4
	0	none	VlanPri	4	5
	0	none	VlanPri	5	6
	0	none	VlanPri	6	7
0	none	VlanPri	7	8	
0	121	none	0	1	
0	124	none	0	4	
OneView#					

Command	show queue-template [<queue-template-Id(1-65535)>]	
Help	show	Displays the configuration / statistics / general Information
	queue-template	Queue template and random detect algorithm related configuration
	(1-65535)	Queue template identifier
Sample output	OneView# show queue-template 1 Queue Template Entries ----- Q Template Id : 1 Q Limit : 50000 Drop Type : Tail Drop Drop Algo Status : Disable OneView#	

Command	show reason-code	
Help	show	Displays the configuration / statistics / general Information
	reason-code	Shows reason code for all interfaces
Sample output	OneView# show reason-code Interface -----	

```

FortyGigE0/0/1
Reason Code(s) :
Transceiver - incompatible
Link Status is Down
Port not part of UplinkSet

Interface
-----
Ten-GigabitEthernet0/0/2:3
Reason Code(s) :
Port not part of UplinkSet

Interface
-----
Ten-GigabitEthernet0/0/2:4
Reason Code(s) :
Port not part of UplinkSet

Interface
-----
FortyGigE0/0/4
Reason Code(s) :
Link Status is Down
Uplinkset Standby port
Transceiver - Unpopulated

Interface
-----
FortyGigE0/0/6
Reason Code(s) :
Transceiver - incompatible
Link Status is Down
Port not part of UplinkSet

Interface
-----
FortyGigE1/0/1
Reason Code(s) :
Transceiver - incompatible
Link Status is Down
Port not part of UplinkSet

Interface
-----
FortyGigE1/0/2
Reason Code(s) :
Link Status is Down
Port not part of UplinkSet
Transceiver - Unpopulated

Interface
-----
FortyGigE1/0/4
Reason Code(s) :
Link Status is Down
Port not part of UplinkSet
Transceiver - Unpopulated

Interface
-----
FortyGigE1/0/6
Reason Code(s) :
Link Status is Down
Port not part of UplinkSet
Transceiver - Unpopulated

Interface
-----
TwentyGigE0/1/1
Reason Code(s) :
Link Status is Down

```

	<p>Transceiver - Unpopulated</p> <p>Interface ----- TwentyGigE0/1/4 Reason Code(s) : Link Status is Down Transceiver - Unpopulated</p> <p>Interface ----- TwentyGigE0/1/5 Reason Code(s) : Link Status is Down Transceiver - Unpopulated</p> <p>Interface ----- TwentyGigE0/1/8 Reason Code(s) : Link Status is Down Transceiver - Unpopulated</p> <p>Interface ----- TwentyGigE0/1/9 Reason Code(s) : Link Status is Down Transceiver - Unpopulated</p> <p>Interface ----- TwentyGigE0/1/10 Reason Code(s) : Link Status is Down Transceiver - Unpopulated</p> <p>Interface ----- TwentyGigE0/1/11 Reason Code(s) : Link Status is Down Transceiver - Unpopulated</p> <p>Interface ----- TwentyGigE1/1/1 Reason Code(s) : Link Status is Down Transceiver - Unpopulated</p> <p>Interface ----- TwentyGigE1/1/4 Reason Code(s) : Link Status is Down Transceiver - Unpopulated</p> <p>Interface ----- TwentyGigE1/1/5 Reason Code(s) : Link Status is Down Transceiver - Unpopulated</p> <p>Interface ----- TwentyGigE1/1/8 Reason Code(s) : Link Status is Down Transceiver - Unpopulated</p>
--	--

	<pre> Interface ----- TwentyGigE1/1/9 Reason Code(s) : Link Status is Down Transceiver - Unpopulated Interface ----- TwentyGigE1/1/10 Reason Code(s) : Link Status is Down Transceiver - Unpopulated Interface ----- TwentyGigE1/1/11 Reason Code(s) : Link Status is Down Transceiver - Unpopulated OneView# </pre>
--	---

Command	show redundancy	
Help	show	Displays the configuration / statistics / general Information
	redundancy	Redundancy related configuration
Sample output	<pre> OneView# show redundancy Redundancy Manager Configuration details ----- Self NodeId:169.254.254.2 Active NodeId: 169.254.254.2 Peer NodeId: 169.254.254.1 Node Status: Active Stack ports: 1 Switch Id: 1 HeartBeat Interval: 500 msec Peer Dead Interval : 2000 msec Peer Dead Interval Multiplier: 4 Hitless Restart Disabled OneView# </pre>	

Command	show redundancy debugging details	
Help	show	Displays the configuration / statistics / general Information
	redundancy debugging details	Redundancy related configuration Information for debugging Detailed information related to Redundancy, Bulk-sync, Statistics and filetransfer
Sample output	<pre> OneView# show redundancy debugging details Redundancy Manager Configuration details ----- Self Slot :Slot1 Slot 1 :Active Slot 0 :Standby </pre>	

	<pre> Synchronization Status ----- Status : Completed static-bulk-sync : complete dyn-bulk-sync : complete Mbsm-bulk-sync : complete File Name status -----+----- /data/nos/issnvram.txt not started /data/nos/privil complete /data/nos/users complete Modules dyn-bulk-sync -----+----- VCM complete MBSM complete CFA complete LA complete VLANGARP complete SNOOP complete LLDP complete NP_RED complete ACL complete QOSX complete DCBX complete DHCP complete ARP complete SNT complete RTM complete RTM6 complete FSB complete UPLKSET complete FIP complete NLP complete VPLAG complete SFLOW complete DHCP6ISC complete TX Statistics ----- Sync-up message transmitted : 1020733 Sync-up message transmission failed : 0 RX Statistics ----- Sync-up message received : 24290 Sync-up message processed : 24290 Sync-up message missed : 0 Static configuration sync-up failed : 0 HW Configuration Statistics ----- HW Sync-up message transmitted : 0 HW Sync-up message transmission failed : 0 HW No Of Retransmits : 2 HW No Of Retransmit Fails : 4 OneView# </pre>
--	---

Command	<pre> show redundancy switchover-time {all rm vcm mbsm msr cfa la rstpmstp vlangarp snoop snmp lldp cli np-red static-conf acl qosx icm dcbx dhcpc arp sntp } </pre>
---------	--

Help	<div> <div>show</div> <div>Displays the configuration / statistics / general Information</div> </div> <div> <div>redundancy</div> <div>Redundancy related configuration</div> </div> <div> <div>switchover-time</div> <div>Time taken for the switch-over</div> </div> <div> <div>acl</div> <div>ACL Module</div> </div> <div> <div>all</div> <div>All modules</div> </div> <div> <div>cfa</div> <div>CFA module</div> </div> <div> <div>cli</div> <div>CLI module</div> </div> <div> <div>dcbx</div> <div>DCBX Module</div> </div> <div> <div>dhcpc</div> <div>DHCP Client Module</div> </div> <div> <div>icm</div> <div>ISS Module</div> </div> <div> <div>la</div> <div>LA module</div> </div> <div> <div>lldp</div> <div>LLDP module</div> </div> <div> <div>mbsm</div> <div>MBSM module</div> </div> <div> <div>msr</div> <div>MSR module</div> </div> <div> <div>np-red</div> <div>NP_RED module</div> </div> <div> <div>qosx</div> <div>QOSX Module</div> </div> <div> <div>rm</div> <div>RM module</div> </div> <div> <div>rstpmstp</div> <div>RSTP & MSTP module</div> </div> <div> <div>snmp</div> <div>SNMP module</div> </div> <div> <div>snoop</div> <div>SNOOP module</div> </div> <div> <div>sntp</div> <div>SNTP Module</div> </div> <div> <div>static-conf</div> <div>Static Configuration</div> </div> <div> <div>vcm</div> <div>VCM module</div> </div> <div> <div>vlangarp</div> <div>VLANGARP module</div> </div>
Sample output	<pre> OneView# show redundancy switchover-time all Total Switch Over Time - 0 msec AppId AppName SwitchOverTime (msec) ----- 0 RM 0 1 VCM 0 2 MBSM 0 3 MSR 0 4 CFA 0 5 EOAM 0 6 PNAC 0 7 LA 0 8 RSTPMSTP 0 9 VLANGARP 0 10 MRP 0 11 PBB 0 12 ECFM 0 13 ELPS 0 14 PBBTE 0 15 ELMI 0 16 SNOOP 0 17 MPLS 0 18 LDP 0 19 L2VPN 0 20 OSPF 0 21 SNMP 0 22 LLDP 0 23 OSPF3 0 24 PIM 0 25 CLI 0 26 NP_RED 0 </pre>

	<pre> 27 STATIC_CONF 0 28 ERPS 0 29 ACL 0 30 QOSX 0 31 ISIS 0 32 ISS 0 33 BGP 0 34 DCBX 0 35 DHCPS 0 36 DHCPC 0 37 ARP 0 38 ND6 0 39 SNT 0 40 VRRP 0 41 IGMP 0 42 BFD 0 43 RIP 0 44 RIP6 0 45 RTM 0 46 RTM6 0 47 PTP 0 48 DHCP6RLY 0 49 VXLAN 0 50 FSB 0 51 UPLKSET 0 52 FIP 0 53 NLP 0 54 VPLAG 0 55 SFLOW 0 56 DHCP6ISC 0 OneView# OneView# show redundancy switchover-time cfa Total Switch Over Time - 0 msec AppId AppName SwitchOverTime ----- 4 CFA 0 </pre>
	OneView#

Command	show rmon [statistics [<stats-index (1-65535)>]] [alarms] [events] [history [history-index(1-65535)]] [overview]]	
Help	<pre> show rmon statistics (1-65535) alarms events global history (1-65535) overview </pre>	<p>Displays the configuration / statistics / general Information</p> <p>RMON related information</p> <p>Statistics related information</p> <p>Statistics index value</p> <p>Configured alarm details</p> <p>Configured event details</p> <p>Global RMON Config information</p> <p>Configured history details</p> <p>History index</p> <p>Overview of RMON history entries</p>
Sample output	<pre> OneView# show rmon RMON is enabled RMON Periodic Timer Interval is 1 OneView# OneView# show rmon statistics 2 </pre>	

```
RMON is enabled
Collection 2 on TwentyGigE0/1/1 is active, and owned by OneView,
Monitors by TwentyGigE0/1/1 interface which has
  Received 0 octets, overflow octets : 0
  0 packets and overflow packets : 0
  0 broadcast and 0 multicast packets,
  0 undersized and 0 oversized packets,
  0 fragments and 0 jabbers,
  0 CRC alignment errors and 0 collisions.
  0 out FCS errors and 0 Drop events,
  # of packets received of length (in octets):
  64: 0 and overflow 64 : 0
  65-127: 0 and overflow 65-127 : 0
  128-255: 0 and overflow 128-255 : 0
  256-511: 0 and overflow 256-511 : 0
  512-1023: 0 and overflow 512-1023 : 0
  1024-1518: 0 and overflow 1024-1518 : 0
  1519-1522: 0
```

```
OneView#
OneView# show rmon alarms
```

```
RMON is enabled
Alarm 1 is active, owned by Monitor
Monitors 1.3.6.1.2.1.2.2.1.14.1 every 20 second(s)
Taking delta samples, last value was 0
Rising threshold is 20, assigned to event 3
Falling threshold is 10, assigned to event 4
On startup enable rising or falling alarm
Alarm 2 is active, owned by Monitor
Monitors 1.3.6.1.2.1.2.2.1.16.1 every 20 second(s)
Taking delta samples, last value was 499
Rising threshold is 21, assigned to event 5
Falling threshold is 11, assigned to event 6
On startup enable rising or falling alarm
Alarm 3 is active, owned by Monitor
Monitors 1.3.6.1.2.1.2.2.1.20.1 every 20 second(s)
Taking delta samples, last value was 0
Rising threshold is 22, assigned to event 7
Falling threshold is 12, assigned to event 8
On startup enable rising or falling alarm
Alarm 4 is active, owned by Monitor
Monitors 1.3.6.1.2.1.2.2.1.10.2 every 20 second(s)
Taking delta samples, last value was 0
Rising threshold is 23, assigned to event 1
Falling threshold is 13, assigned to event 2
On startup enable rising or falling alarm
Alarm 5 is active, owned by Monitor
Monitors 1.3.6.1.2.1.2.2.1.14.2 every 20 second(s)
Taking delta samples, last value was 0
Rising threshold is 24, assigned to event 3
Falling threshold is 14, assigned to event 4
On startup enable rising or falling alarm
Alarm 6 is active, owned by Monitor
Monitors 1.3.6.1.2.1.2.2.1.16.2 every 20 second(s)
Taking delta samples, last value was 0
Rising threshold is 25, assigned to event 5
```

```
OneView# show rmon events
```

```
RMON is enabled

Event 1 is active, owned by Monitor
Description is IfInOctetRising
Event firing causes log and trap to community PUBLIC,
Time last sent is Oct  7 08:26:15 2020
Logging Event With Description : IfInOctetRising
Logging Event With Description : IfInOctetRising
Logging Event With Description : IfInOctetRising
Logging Event With Description : IfInOctetRising
```

[illegible]

[illegible]

```
Event 3 is active, owned by Monitor
Description is IfInOctetErrRising
Event firing causes log and trap to community PUBLIC,
Time last sent is Oct  4 11:38:33 2020
```

```
Event 4 is active, owned by Monitor
Description is IfInOctetErrFalling
Event firing causes log and trap to community PUBLIC,
Time last sent is Oct  4 11:39:51 2020
```

[illegible]

--More--

```
OneView# show rmon history 2 overview
```

```
RMON is enabled
Entry 2 is active, and owned by OneView
  Monitors ifEntry.1.2 every 300 second(s)
```

	Requested # of time intervals, ie buckets, is 12, Granted # of time intervals, ie buckets, is 12, OneView#
--	--

Command	show rmon global config	
Help	show	Displays the configuration / statistics / general Information
	rmon	RMON related information
	global	Global RMON Config information
	config	configuration
Sample output	OneView# show rmon global config RMON GLOBAL CONFIG ----- Global Status: Enabled Buckets Requested: 12 Interval: 300 Owner: OneView OneView#	

Command	show rscn statistics	
Help	show	Displays the configuration / statistics / general Information
	rscn	RSCN related information
	statistics	Statistical information
Sample output	OneView# show rscn statistics RSCN Statistics ===== Number of SCR received - 0 Number of SCR ACC sent - 0 Number of SCR RJT sent - 0 Number of RSCN's Received - 0 Number of RSCN's Sent - 0 OneView# OneView# show rscn statistics RSCN Statistics ===== Number of SCR received - 141 Number of SCR ACC sent - 85 Number of SCR RJT sent - 56 Number of RSCN's Received - 0 Number of RSCN's Sent - 89 OneView#	

Command	show rscn table	
Help	show	Displays the configuration / statistics / general Information
	rscn	RSCN related information
	table	table of registered nodes

Sample output	<pre> OneView# show rscn table FC-ID Registered for ===== OneView# OneView# show rscn table FC-ID Registered for ===== 03:1e:01 Full Registration 03:80:00 Full Registration OneView# </pre>
---------------	--

Command	<pre> show running-config [{ syslog dhcp dhcp6 dvmrp stp [switch <context_name>] ecfm [switch <context_name>] la pnacl igs mlds vlan <vlan-id/vfi-id> [switch<context_name>] interface { <interfacetype><interfacenum> vlan <vlan-id/vfi-id> } ospf isis rip bgp ipv6 rip6 ssh ssl acl ip pim pimv6 vrrp snmp radius rmon rm mbsm ospf3 mpls igmp eoam fm igmp-proxy elmi route-map tacacs tac snmp switch <context_name> nat elps erps [switch <context_name>] entity-mib http poe pbb [switch<context_name>] cn [switch <context_name>] dcbx ptp clkiwf mld msdp msdpv6 lldp firewall system ospf3 ipsourceguard tlm rbridge l2dhcshp mef network-clock vrf <vrf-name> hs bfd rsnal [rsna-id>] ppp dsmon ofcl wss ufd split-horizon hb icch fsb evb sflow qosxtd hpclaim fip uplksel slink stats_collect vplag nlp]] </pre>
Help	<pre> show Displays the configuration / statistics / general Information running-config Current operating configuration in the system Openflow Client related configuration acl ACL related configuration beep-server BEEP-SERVER related configuration bfd BFD related configuration bgp BGP related configuration clkiwf CLKIWF related configuration cn CN related configuration dcbx DCBX related configuration dhcp DHCP related configuration dhcp6 DHCP6 related configuration dns DNS related configuration dsmon DSMON related configuration dvmrp DVMRP related configuration ecfm ECFM related configuration elmi ELMI related configuration elps ELPS related configuration entity-mib ENTITY-MIB related configuration eoam EOAM related configuration erps ERPS related configuration </pre>

evb	EVB related configuration
fip	Module
firewall	FIREWALL related configuration
fm	FM related configuration
fsb	FSB related configuration
hb	Heartbeat related configuration
hpclaim	Claim-Receipt related configuration
hs	HS related configuration
http	HTTP related configuration
icch	ICCH related configuration
igmp	IGMP related configuration
igmp-proxy	IGMP-PROXY related configuration
igs	IGS related configuration
interface	Interface related configuration
ip	IP related configuration
ipsourceguard	IPSOURCEGUARD related configuration
ipv6	IPv6 related configuration
isis	ISIS related configuration
l2dhcsnp	L2Dhcsnp related configuration
la	LA related configuration
lldp	LLDP related configuration
mbsm	MBSM related configuration
mef	MEF related configuration
mld	MLD related configuration
mlds	MLD Snooping related configuration
mpls	MPLS related configuration
msdp	MSDP related configuration
msdpv6	MSDPV6 related configuration
nat	NAT related configuration
network-clock	network-clock related configuration
ospf	OSPF related configuration
ospf3	OSPF3 related configuration
ospfte	OSPFTE related configuration
pbb	PBB related configuration
pim	PIM related configuration
pimv6	PIMV6 related configuration
pnac	PNAC related configuration
poe	POE related configuration
ppp	PPP related configuration
ptp	PTP related configuration
qosxtd	QOSXTD related configuration
radius	Radius related configuration
rbridge	RBridge related configuration
rip	RIP related configuration
rip6	RIP6 related configuration
rm	RM related configuration
rmon	RMON related configuration
route-map	ROUTE-MAP related configuration

	rsna sflow snmp snmp split-horizon ssh ssl stats_collect stp switch syslog system tac tacacs tlm ufd uplksset vlan vplag vrf vrrp wss	RSNA related configuration related configuration SNMP related configuration SNTP related configuration Split-Horizon related configuration SSH related configuration SSL related configuration NP Statistics Collector related configuration STP related configuration Switch related configuration Syslog related configuration System related configuration TAC related configuration TACACS related configuration TLM related configuration Uplink Failure Detection(UFD) related configuration uplksset related configuration VLAN related configuration vplag related configuration VRF related configuration VRRP related configuration WSS related configuration
Sample output	<pre> OneView# show running-config snmp #Building configuration... ! ! no snmp-server enable traps coldstart snmp user netop auth sha ***** priv AES_CFB128 ***** volatile snmp user OneView auth sha ***** priv AES_CFB128 ***** volatile snmp group Networkoperator user netop security-model v3 volatile snmp group OneViewAdmin user OneView security-model v3 volatile snmp access OneViewAdmin v3 priv read OneViewreadwrite write OneViewreadwrite notify OneViewreadwrite volatile snmp access Networkoperator v3 priv read Networkread volatile snmp view Networkread 1 included volatile snmp view OneViewreadwrite 1 included volatile ! end OneView# show running-config igs #Building configuration... ! ! ip igmp snooping ip igmp snooping mrouter-time-out 260 ! end OneView# show running-config fip #Building configuration... ! fip domain-id 1 fcf-priority 128 fka-vn-period 90 fka-adv-period 8000 debug-level 2 </pre>	

	<pre> fcf-mac-method fpma ! ! end OneView# </pre>
--	---

Command	show sched-hierarchy [interface <iftype> <ifnum>]	
Help	<pre> show </pre>	Displays the configuration / statistics / general Information
	<pre> sched-hierarchy interface FortyGigE Ten-GigabitEthernet TwentyGigE s-channel <0-1>/<0-12>/<1-136>:<1-4> </pre>	<pre> Hierarchy scheduler related configuration Interface related configuration Forty Gigabit ethernet interface Ten Gigabit ethernet interface Twenty Gigabit ethernet interface S-Channel Interface Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split] </pre>
Sample output	<pre> OneView# show sched-hierarchy interface ten-GigabitEthernet 0/0/2:1 QoS Hierarchy Scheduler Entries ----- IfIndex Hierarchy Level Sched Index NextQueue Id NextSched Id Weight Priority ----- Ten-GigabitEthernet0/0/2:1 1 1 0 0 0 0 Ten-GigabitEthernet0/0/2:1 2 2 0 1 0 0 Ten-GigabitEthernet0/0/2:1 3 3 0 2 0 0 Ten-GigabitEthernet0/0/2:1 3 4 0 2 0 0 Ten-GigabitEthernet0/0/2:1 3 5 0 2 0 0 Ten-GigabitEthernet0/0/2:1 3 100 0 2 0 0 Ten-GigabitEthernet0/0/2:1 3 101 0 2 0 0 OneView# </pre>	

Command	show scheduler [interface <iftype> <ifnum>]	
Help	<pre> show </pre>	Displays the configuration / statistics / general Information
	<pre> scheduler interface FortyGigE Ten-GigabitEthernet TwentyGigE s-channel <0-1>/<0-12>/<1-136>:<1-4> </pre>	<pre> Scheduler related configuration Interface related configuration Forty Gigabit ethernet interface Ten Gigabit ethernet interface Twenty Gigabit ethernet interface S-Channel Interface Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split] </pre>
Sample output	<pre> OneView# show scheduler interface ten-GigabitEthernet 0/0/2:1 QoS Scheduler Entries ----- Interface Scheduler Index Scheduler Algo Shape Index Scheduler HL GlobalId </pre>	

	<pre> ----- Ten-GigabitEthernet0/0/2:1 1 deficitRoundRobin 0 1 92 Ten-GigabitEthernet0/0/2:1 2 deficitRoundRobin 0 2 93 Ten-GigabitEthernet0/0/2:1 3 deficitRoundRobin 0 3 94 Ten-GigabitEthernet0/0/2:1 4 strictPriority 0 3 95 Ten-GigabitEthernet0/0/2:1 5 deficitRoundRobin 0 3 96 Ten-GigabitEthernet0/0/2:1 100 deficitRoundRobin 0 3 164 Ten-GigabitEthernet0/0/2:1 101 strictPriority 0 3 165 OneView# </pre>
--	---

Command	show serial-number	
Help	show	Displays the configuration / statistics / general Information
	serial-number	serial-number information
Sample output	<pre> OneView# show serial-number Serial Number ----- Serial Number : 2TV5201434 OneView# </pre>	

Command	show sflow counter-poller [interface {<ifXtype> <ifnum>}]	
Help	show	Displays the configuration / statistics / general Information
	sflow	sFlow related configuration
	counter-poller	Counter-poller related configuration
	interface	Interface related configuration
	FortyGigE	Forty Gigabit ethernet interface
	Ten-GigabitEthernet	Ten Gigabit ethernet interface
	TwentyGigE	Twenty Gigabit ethernet interface
	s-channel	S-Channel Interface
	<0-1>/<0-12>/<1-136>:<1-4>	Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]
Sample output	<pre> OneView# show sflow counter-poller interface ten- GigabitEthernet 0/0/2:1 Counter-poller Ten-GigabitEthernet0/0/2:1 ----- Receiver Index : 1 Counter Poller Interval : 20 sec CP Remaining Interval : 11 sec Counter Poller Polling Status : Polling Counter Poller TX Count : 3 Counter Poller Seq No : 3 Counter Poller Status : Enabled Counter Poller Trace : none OneView# </pre>	

Command	show sflow counter-poller associate receiver-index {<integer(1-3)>}	
Help	show	Displays the configuration / statistics / general Information
	sflow	sFlow related configuration
	counter-poller	Counter-poller related configuration
	associate	associated receiver configuration
	receiver-index	Receiver-index related configuration
	(1-3)	Receiver index
Sample output	<pre>OneView# show sflow counter-poller associate receiver-index 1 Receiver Id 1 ----- DataSource Interval ----- Ten-GigabitEthernet0/0/2:1 20 OneView# show sflow counter-poller associate receiver-index 2 OneView#</pre>	

Command	show sflow dump counter-poller counter statistics interface {<ifXtype> <ifnum>}	
Help	show	Displays the configuration / statistics / general Information
	sflow	sFlow related configuration
	dump	Packet dump
	counter-poller	Counter-poller related configuration
	counter	Counter data related to counter-poller
	statistics	Statistics data related to counter-poller
	interface	Interface related configuration
	FortyGigE	Forty Gigabit ethernet interface
	Ten-GigabitEthernet	Ten Gigabit ethernet interface
	TwentyGigE	Twenty Gigabit ethernet interface
	s-channel	S-Channel Interface
	<0-1>/<0-12>/<1-136>:<1-4>	Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]
Sample output	<pre>OneView# show sflow dump counter-poller counter statistics interface ten-GigabitEthernet 0/0/2:1 Counter-poller Ten-GigabitEthernet0/0/2:1 ----- ifIndex : Ten-GigabitEthernet0/0/2:1 ifType : 6 ifSpeed : 10000 ifDirection : 0 ifStatus : 3 ifInOctets : 161023496 ifInUcastPkts : 0 ifInMulticastPkts : 146355 ifInBroadcastPkts : 0 ifInDiscards : 146355 ifInErrors : 0 ifInUnknownProtos : 0 ifOutOctets : 20813184 ifOutUcastPkts : 0</pre>	

	<pre> ifOutMulticastPkts : 18072 ifOutBroadcastPkts : 0 ifOutDiscards : 44013 ifOutErrors : 0 ifPromiscuousMode : 0 dot3StatsAlignmentErrors : 0 dot3StatsFCSErrors : 0 dot3StatsSingleCollisionFrames : 0 dot3StatsMultipleCollisionFrames : 0 dot3StatsSQETestErrors : 0 dot3StatsDeferredTransmissions : 0 dot3StatsLateCollisions : 0 dot3StatsExcessiveCollisions : 0 dot3StatsInternalMacTransmitErrors : 0 dot3StatsCarrierSenseErrors : 0 dot3StatsFrameTooLongs : 0 dot3StatsInternalMacReceiveErrors : 0 dot3StatsSymbolErrors : 0 OneView# </pre>
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Command	show sflow flow-sampler [interface {<ifXtype> <ifnum>}]
Help	<pre> show Displays the configuration / statistics / general Information sflow sFlow related configuration flow-sampler Flow-Sampler related configuration interface Interface related configuration FortyGigE Forty Gigabit ethernet interface Ten-GigabitEthernet Ten Gigabit ethernet interface TwentyGigE Twenty Gigabit ethernet interface s-channel S-Channel Interface <0-1>/<0-12>/<1-136>:<1-4> Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split] </pre>
Sample output	<pre> OneView# show sflow flow-sampler interface ten-GigabitEthernet 0/0/2:1 Flow-Sampler Ten-GigabitEthernet0/0/2:1 ----- Receiver Index : 1 Flow Sampling Rate : 4096 Flow Sampler Header Size : 128 Flow Sampler Direction : Both Flow Sampler Sampling Status : Sampling Flow Sampler TX Count : 1 Flow Sampler Seq No : 0 Flow sampler Status : Enabled Flow Sampler Trace : none OneView# </pre>

Command	show sflow flow-sampler associate receiver-index {<integer(1-3)>}
Help	<pre> show Displays the configuration / statistics / general Information sflow sFlow related configuration flow-sampler Flow-Sampler related configuration associate associated receiver configuration receiver-index Receiver-index related configuration </pre>

	(1-3) Receiver index
Sample output	<pre> OneView# show sflow flow-sampler associate receiver-index 1 Receiver Id 1 ----- DataSource Max-header-size Direction Sampling Rate ----- ----- ----- Ten-GigabitEthernet0/0/2:1 128 both 4096 OneView# </pre>

Command	show sflow global info
Help	<pre> show Displays the configuration / statistics / general Information sflow sFlow related configuration global Global configuration which is common to all sFlow process info Information or global_data related to sFlow </pre>
Sample output	<pre> OneView# show sflow global info sFlow Global Info ----- Module Status : Enabled Sampling Status : InProgress System Control : Start CPU Utilization : 7 Trap Status : Disabled Trace Option : none Agent Info ----- sFlow Version : 1.3;HPE;1.4.2-1005 2020-02-29 D Vlan Id : vlan10 Interface Index : 326 Address Type : IPv4 IPv4 Address : 0.0.0.0 OneView# </pre>

Command	show sflow receiver-index [<integer(1-3)>]
Help	<pre> show Displays the configuration / statistics / general Information sflow sFlow related configuration receiver-index Receiver-index related configuration (1-3) Receiver index </pre>
Sample output	<pre> OneView# show sflow receiver-index 1 Receiver Id 1 ----- Receiver Owner : coll Receiver Timer Value : Infinite Remaining Timeout : Infinite Datagram Size : 1400 bytes </pre>

	Address Type : Ipv4
	IP Address : 15.186.22.13
	Receiver Port : 6343
	Datagram Version : 5
	Receiver Status : Enabled
	Receiver TX Count : 0
	Receiver Seq No : 1
	Receiver Trace : none
	OneView#

Command	show shape-template [<shape-template-Id(1-65535)>]					
Help	show		Displays the configuration / statistics / general Information			
	shape-template		Shape template related configuration			
	(1-65535)		Shape template identifier			
Sample output	OneView# show shape-template					
	QoS Shape Template Entries					

	ShapeTemplate	Id	CIR	CBS	EIR	EBS
	Shaper	Mode	RefCount			

	101		50	10000	100	10000
	Percent-based	1				
	104		50	10000	100	10000
	Percent-based	1				
	109		50	10000	100	10000
	Percent-based	1				
	112		50	10000	100	10000
	Percent-based	1				
	117		50	10000	100	10000
	Percent-based	1				
	120		50	10000	100	10000
	Percent-based	1				
	125		50	10000	100	10000
	Percent-based	1				
	128		50	10000	100	10000
	Percent-based	1				
	133		50	10000	100	10000
	Percent-based	1				
	136		50	10000	100	10000
	Percent-based	1				
	141		50	10000	100	10000
	Percent-based	1				
	144		50	10000	100	10000
	Percent-based	1				
	149		50	10000	100	10000
	Percent-based	1				
	152		50	10000	100	10000
	Percent-based	1				
	157		50	10000	100	10000
	Percent-based	1				
	160		50	10000	100	10000
	Percent-based	1				
	165		50	10000	100	10000
	Percent-based	1				
	168		50	10000	100	10000
	Percent-based	1				
	173		50	10000	100	10000
	Percent-based	1				
	176		50	10000	100	10000
	Percent-based	1				
	181		50	10000	100	10000
	Percent-based	1				

	184	50	10000	100	10000
	Percent-based	1			
	189	50	10000	100	10000
	Percent-based	1			
	192	50	10000	100	10000
	Percent-based	1			
	917	50	10000	100	10000
	Percent-based	1			
	920	50	10000	100	10000
	Percent-based	1			
	925	50	10000	100	10000
	Percent-based	1			
	928	50	10000	100	10000
	Percent-based	1			
	949	50	10000	100	10000
	Percent-based	1			
	952	50	10000	100	10000
	Percent-based	1			
	989	50	10000	100	10000
	Percent-based	1			
	992	50	10000	100	10000
	Percent-based	1			
	1037	50	10000	100	10000
	Percent-based	1			
	1040	50	10000	100	10000
	Percent-based	1			
	1045	50	10000	100	10000
	Percent-based	1			
	1048	50	10000	100	10000
	Percent-based	1			
	1053	50	10000	100	10000
	Percent-based	1			
	1056	50	10000	100	10000
	Percent-based	1			
	1061	50	10000	100	10000
	Percent-based	1			
	1064	50	10000	100	10000
	Percent-based	1			
	1205	50	10000	100	10000
	Percent-based	1			
	1208	50	10000	100	10000
	Percent-based	1			
	1213	50	10000	100	10000
	Percent-based	1			
	1216	50	10000	100	10000
	Percent-based	1			
	1221	50	10000	100	10000
	Percent-based	1			
	1224	50	10000	100	10000
	Percent-based	1			
	1229	50	10000	100	10000
	Percent-based	1			
	1232	50	10000	100	10000
	Percent-based	1			
	1237	50	10000	100	10000
	Percent-based	1			
	1240	50	10000	100	10000
	Percent-based	1			
	1245	50	10000	100	10000
	Percent-based	1			
	1248	50	10000	100	10000
	Percent-based	1			
	1253	50	10000	100	10000
	Percent-based	1			
	1256	50	10000	100	10000
	Percent-based	1			
	1261	50	10000	100	10000
	Percent-based	1			
	1264	50	10000	100	10000
	Percent-based	1			

	1269	50	10000	100	10000
	Percent-based	1			
	1272	50	10000	100	10000
	Percent-based	1			
	1277	50	10000	100	10000
	Percent-based	1			
	1280	50	10000	100	10000
	Percent-based	1			
	1285	50	10000	100	10000
	Percent-based	1			
	1288	50	10000	100	10000
	Percent-based	1			
	1293	50	10000	100	10000
	Percent-based	1			
	1296	50	10000	100	10000
	Percent-based	1			
	2053	50	10000	100	10000
	Percent-based	1			
	2056	50	10000	100	10000
	Percent-based	1			
	2141	50	10000	100	10000
	Percent-based	1			
	2144	50	10000	100	10000
	Percent-based	1			
	2149	50	10000	100	10000
	Percent-based	1			
	2152	50	10000	100	10000
	Percent-based	1			
	2157	50	10000	100	10000
	Percent-based	1			
	2160	50	10000	100	10000
	Percent-based	1			
	2165	50	10000	100	10000
	Percent-based	1			
	2168	50	10000	100	10000
	Percent-based	1			
	OneView# show shape-template 101				
	QoS Shape Template Entries				

	ShapeTemplate Id	CIR	CBS	EIR	EBS
	Shaper Mode	RefCount			

	101	50	10000	100	10000
	Percent-based	1			
	OneView#				

Command	show smartlink detail	
Help	show	Displays the configuration / statistics / general Information
	smartlink detail	SmartLink related information
		Shows SmartLink enabled VLANs and SmartLink Hit Count
Sample output	OneView# show smartlink detail SmartLink Enabled VLANs ----- SmartLink Enabled VLAN Count: 0 SmartLink Processing Hits: 0 OneView# show smartlink detail SmartLink Enabled VLANs ----- 10, 100	

	SmartLink Enabled VLAN Count: 2 SmartLink Processing Hits: 0 OneView#
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Command	show smartlink port statistics [<interface-type> <interface-id>]																																																																																																																																																																																																																																																								
Help	show	Displays the configuration / statistics / general Information																																																																																																																																																																																																																																																							
	smartlink	SmartLink related information																																																																																																																																																																																																																																																							
	port	Port related information																																																																																																																																																																																																																																																							
	statistics	port level statistics for SmartLink																																																																																																																																																																																																																																																							
	interface (s-channel/VP-LAG)	Interface related configuration S-Channel or VP-LAG interface type																																																																																																																																																																																																																																																							
Sample output	OneView# show smartlink port statistics																																																																																																																																																																																																																																																								
	SmartLink Interface Statistics ----- <table><tr><th>Interface</th><th>Port Role</th><th>Reason Code</th><th>Down Count</th><th>Down Time</th></tr><tr><td>-----</td><td>-----</td><td>-----</td><td>-----</td><td>-----</td></tr><tr><td>S-Channel0/1/1:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/1:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/2:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/2:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/3:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/3:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/4:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/4:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/5:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/5:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/6:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/6:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/7:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/7:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/8:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/8:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/9:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/9:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/10:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/10:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/11:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/11:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/12:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel0/1/12:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/1:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/1:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/2:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/2:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/3:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/3:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/4:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/4:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/5:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/5:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/6:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/6:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/7:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/7:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/8:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/8:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/9:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/9:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/10:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/10:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/11:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/11:2</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr><tr><td>S-Channel1/1/12:1</td><td>Downlink</td><td>None</td><td>0</td><td>-</td></tr></table>					Interface	Port Role	Reason Code	Down Count	Down Time	-----	-----	-----	-----	-----	S-Channel0/1/1:1	Downlink	None	0	-	S-Channel0/1/1:2	Downlink	None	0	-	S-Channel0/1/2:1	Downlink	None	0	-	S-Channel0/1/2:2	Downlink	None	0	-	S-Channel0/1/3:1	Downlink	None	0	-	S-Channel0/1/3:2	Downlink	None	0	-	S-Channel0/1/4:1	Downlink	None	0	-	S-Channel0/1/4:2	Downlink	None	0	-	S-Channel0/1/5:1	Downlink	None	0	-	S-Channel0/1/5:2	Downlink	None	0	-	S-Channel0/1/6:1	Downlink	None	0	-	S-Channel0/1/6:2	Downlink	None	0	-	S-Channel0/1/7:1	Downlink	None	0	-	S-Channel0/1/7:2	Downlink	None	0	-	S-Channel0/1/8:1	Downlink	None	0	-	S-Channel0/1/8:2	Downlink	None	0	-	S-Channel0/1/9:1	Downlink	None	0	-	S-Channel0/1/9:2	Downlink	None	0	-	S-Channel0/1/10:1	Downlink	None	0	-	S-Channel0/1/10:2	Downlink	None	0	-	S-Channel0/1/11:1	Downlink	None	0	-	S-Channel0/1/11:2	Downlink	None	0	-	S-Channel0/1/12:1	Downlink	None	0	-	S-Channel0/1/12:2	Downlink	None	0	-	S-Channel1/1/1:1	Downlink	None	0	-	S-Channel1/1/1:2	Downlink	None	0	-	S-Channel1/1/2:1	Downlink	None	0	-	S-Channel1/1/2:2	Downlink	None	0	-	S-Channel1/1/3:1	Downlink	None	0	-	S-Channel1/1/3:2	Downlink	None	0	-	S-Channel1/1/4:1	Downlink	None	0	-	S-Channel1/1/4:2	Downlink	None	0	-	S-Channel1/1/5:1	Downlink	None	0	-	S-Channel1/1/5:2	Downlink	None	0	-	S-Channel1/1/6:1	Downlink	None	0	-	S-Channel1/1/6:2	Downlink	None	0	-	S-Channel1/1/7:1	Downlink	None	0	-	S-Channel1/1/7:2	Downlink	None	0	-	S-Channel1/1/8:1	Downlink	None	0	-	S-Channel1/1/8:2	Downlink	None	0	-	S-Channel1/1/9:1	Downlink	None	0	-	S-Channel1/1/9:2	Downlink	None	0	-	S-Channel1/1/10:1	Downlink	None	0	-	S-Channel1/1/10:2	Downlink	None	0	-	S-Channel1/1/11:1	Downlink	None	0	-	S-Channel1/1/11:2	Downlink	None	0	-	S-Channel1/1/12:1	Downlink	None	0
Interface	Port Role	Reason Code	Down Count	Down Time																																																																																																																																																																																																																																																					
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S-Channel0/1/1:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/1:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/2:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/2:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/3:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/3:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/4:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/4:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/5:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/5:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/6:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/6:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/7:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/7:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/8:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/8:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/9:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/9:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/10:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/10:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/11:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/11:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/12:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel0/1/12:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/1:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/1:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/2:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/2:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/3:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/3:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/4:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/4:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/5:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/5:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/6:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/6:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/7:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/7:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/8:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/8:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/9:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/9:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/10:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/10:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/11:1	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/11:2	Downlink	None	0	-																																																																																																																																																																																																																																																					
S-Channel1/1/12:1	Downlink	None	0	-																																																																																																																																																																																																																																																					

	S-Channel1/1/12:2 Downlink None 0 - OneView# show smartlink port statistics s-channel 0/1/1:1 SmartLink Interface Statistics ----- Interface Port Role Reason Code Down Count Down Time ----- S-Channel0/1/1:1 Downlink None 0 - OneView#
--	--

Command	show switch [{brief detail interfaces}] [name]
Help	<p>show Displays the configuration / statistics / general Information</p> <p>switch Virtual context or component</p> <p>brief Brief information of the virtual context</p> <p>detail Detailed information of the virtual context</p> <p>interfaces Interface related configuration of the virtual context</p> <p>default Switch Name/Context Name</p>
Sample output	<pre>OneView# show switch detail Switch Name : default Switch Context-Id : 0 Switch MAC-Address : 5c:b9:01:47:22:8e Switch Owner : Next Free Local Port-Id : 13 Ports present in this context: TwentyGigE0/1/7 with LocalPort Id as 1 TwentyGigE0/1/1 with LocalPort Id as 2 TwentyGigE0/1/8 with LocalPort Id as 3 TwentyGigE0/1/2 with LocalPort Id as 4 TwentyGigE0/1/9 with LocalPort Id as 5 TwentyGigE0/1/3 with LocalPort Id as 6 TwentyGigE0/1/10 with LocalPort Id as 7 TwentyGigE0/1/4 with LocalPort Id as 8 TwentyGigE0/1/11 with LocalPort Id as 9 TwentyGigE0/1/5 with LocalPort Id as 10 TwentyGigE0/1/12 with LocalPort Id as 11 TwentyGigE0/1/6 with LocalPort Id as 12 FortyGigE0/0/1 with LocalPort Id as 97 Ten-GigabitEthernet0/0/2:1 with LocalPort Id as 103 Ten-GigabitEthernet0/0/2:2 with LocalPort Id as 104 Ten-GigabitEthernet0/0/2:3 with LocalPort Id as 105 Ten-GigabitEthernet0/0/2:4 with LocalPort Id as 106 FortyGigE0/0/3 with LocalPort Id as 107 FortyGigE0/0/4 with LocalPort Id as 112 Ten-GigabitEthernet0/0/5:1 with LocalPort Id as 118 Ten-GigabitEthernet0/0/5:2 with LocalPort Id as 119 Ten-GigabitEthernet0/0/5:3 with LocalPort Id as 120 Ten-GigabitEthernet0/0/5:4 with LocalPort Id as 121 FortyGigE0/0/6 with LocalPort Id as 122 TwentyGigE1/1/1 with LocalPort Id as 139 TwentyGigE1/1/7 with LocalPort Id as 140 TwentyGigE1/1/2 with LocalPort Id as 141 TwentyGigE1/1/8 with LocalPort Id as 142 TwentyGigE1/1/3 with LocalPort Id as 143 TwentyGigE1/1/9 with LocalPort Id as 144 TwentyGigE1/1/4 with LocalPort Id as 145 TwentyGigE1/1/10 with LocalPort Id as 146 TwentyGigE1/1/5 with LocalPort Id as 147 TwentyGigE1/1/11 with LocalPort Id as 148 TwentyGigE1/1/6 with LocalPort Id as 149 TwentyGigE1/1/12 with LocalPort Id as 150 FortyGigE1/0/1 with LocalPort Id as 235</pre>

FortyGigE1/0/2 with LocalPort Id as 240
FortyGigE1/0/3 with LocalPort Id as 245
FortyGigE1/0/4 with LocalPort Id as 250
Ten-GigabitEthernet1/0/5:1 with LocalPort Id as 256
Ten-GigabitEthernet1/0/5:2 with LocalPort Id as 257
Ten-GigabitEthernet1/0/5:3 with LocalPort Id as 258
Ten-GigabitEthernet1/0/5:4 with LocalPort Id as 259
FortyGigE1/0/6 with LocalPort Id as 260
po2 with LocalPort Id as 277
po3 with LocalPort Id as 278
po4 with LocalPort Id as 279
po5 with LocalPort Id as 280
po6 with LocalPort Id as 281
S-Channel0/1/7:1 with LocalPort Id as 325
S-Channel0/1/7:2 with LocalPort Id as 326
S-Channel0/1/1:1 with LocalPort Id as 341
S-Channel0/1/1:2 with LocalPort Id as 342
S-Channel0/1/8:1 with LocalPort Id as 357
S-Channel0/1/8:2 with LocalPort Id as 358
S-Channel0/1/2:1 with LocalPort Id as 373
S-Channel0/1/2:2 with LocalPort Id as 374
S-Channel0/1/9:1 with LocalPort Id as 389
S-Channel0/1/9:2 with LocalPort Id as 390
S-Channel0/1/3:1 with LocalPort Id as 405
S-Channel0/1/3:2 with LocalPort Id as 406
S-Channel0/1/10:1 with LocalPort Id as 421
S-Channel0/1/10:2 with LocalPort Id as 422
S-Channel0/1/4:1 with LocalPort Id as 437
S-Channel0/1/4:2 with LocalPort Id as 438
S-Channel0/1/11:1 with LocalPort Id as 453
S-Channel0/1/11:2 with LocalPort Id as 454
S-Channel0/1/5:1 with LocalPort Id as 469
S-Channel0/1/5:2 with LocalPort Id as 470
S-Channel0/1/12:1 with LocalPort Id as 485
S-Channel0/1/12:2 with LocalPort Id as 486
S-Channel0/1/6:1 with LocalPort Id as 501
S-Channel0/1/6:2 with LocalPort Id as 502
S-Channell1/1/1:1 with LocalPort Id as 1861
S-Channell1/1/1:2 with LocalPort Id as 1862
S-Channell1/1/7:1 with LocalPort Id as 1877
S-Channell1/1/7:2 with LocalPort Id as 1878
S-Channell1/1/2:1 with LocalPort Id as 1893
S-Channell1/1/2:2 with LocalPort Id as 1894
S-Channell1/1/8:1 with LocalPort Id as 1909
S-Channell1/1/8:2 with LocalPort Id as 1910
S-Channell1/1/3:1 with LocalPort Id as 1925
S-Channell1/1/3:2 with LocalPort Id as 1926
S-Channell1/1/9:1 with LocalPort Id as 1941
S-Channell1/1/9:2 with LocalPort Id as 1942
S-Channell1/1/4:1 with LocalPort Id as 1957
S-Channell1/1/4:2 with LocalPort Id as 1958
S-Channell1/1/10:1 with LocalPort Id as 1973
S-Channell1/1/10:2 with LocalPort Id as 1974
S-Channell1/1/5:1 with LocalPort Id as 1989
S-Channell1/1/5:2 with LocalPort Id as 1990
S-Channell1/1/11:1 with LocalPort Id as 2005
S-Channell1/1/11:2 with LocalPort Id as 2006
S-Channell1/1/6:1 with LocalPort Id as 2021
S-Channell1/1/6:2 with LocalPort Id as 2022
S-Channell1/1/12:1 with LocalPort Id as 2037
S-Channell1/1/12:2 with LocalPort Id as 2038

OneView#
OneView# show switch interfaces
Interface map table

IfIndex	VcNum	Vc-Name	LocalPortId
TwentyGigE0/1/7	0	default	1
TwentyGigE0/1/1	0	default	2
TwentyGigE0/1/8	0	default	3

	TwentyGigE0/1/2 0	default	4	
	TwentyGigE0/1/9 0	default	5	
	TwentyGigE0/1/3 0	default	6	
	TwentyGigE0/1/10 0	default	7	
	TwentyGigE0/1/4 0	default	8	
	TwentyGigE0/1/11 0	default	9	
	TwentyGigE0/1/5 0	default	10	
	TwentyGigE0/1/12 0	default	11	
	TwentyGigE0/1/6 0	default	12	
	FortyGigE0/0/1 0	default	97	
	Ten-GigabitEthernet0/0/2:1 0	default		103
	Ten-GigabitEthernet0/0/2:2 0	default		104
	Ten-GigabitEthernet0/0/2:3 0	default		105
	Ten-GigabitEthernet0/0/2:4 0	default		106
	FortyGigE0/0/3 0	default	107	
	FortyGigE0/0/4 0	default	112	
	Ten-GigabitEthernet0/0/5:1 0	default		118
	Ten-GigabitEthernet0/0/5:2 0	default		119
	Ten-GigabitEthernet0/0/5:3 0	default		120
	Ten-GigabitEthernet0/0/5:4 0	default		121
	FortyGigE0/0/6 0	default	122	
	TwentyGigE1/1/1 0	default	139	
	TwentyGigE1/1/7 0	default	140	
	TwentyGigE1/1/2 0	default	141	
	TwentyGigE1/1/8 0	default	142	
	TwentyGigE1/1/3 0	default	143	
	TwentyGigE1/1/9 0	default	144	
	TwentyGigE1/1/4 0	default	145	
	TwentyGigE1/1/10 0	default	146	
	TwentyGigE1/1/5 0	default	147	
	TwentyGigE1/1/11 0	default	148	
	TwentyGigE1/1/6 0	default	149	
	TwentyGigE1/1/12 0	default	150	
	FortyGigE1/0/1 0	default	235	
	FortyGigE1/0/2 0	default	240	
	FortyGigE1/0/3 0	default	245	
	FortyGigE1/0/4 0	default	250	
	Ten-GigabitEthernet1/0/5:1 0	default		256
	Ten-GigabitEthernet1/0/5:2 0	default		257
	Ten-GigabitEthernet1/0/5:3 0	default		258
	Ten-GigabitEthernet1/0/5:4 0	default		259
	FortyGigE1/0/6 0	default	260	
	vlan4095E1/0/6 0	default	0	
	po2 0	default	277	
	po3 0	default	278	
	po4 0	default	279	
	po5 0	default	280	
	po6 0	default	281	
	S-Channel0/1/7:1 0	default		325
	S-Channel0/1/7:2 0	default		326
	S-Channel0/1/1:1 0	default		341
	S-Channel0/1/1:2 0	default		342
	S-Channel0/1/8:1 0	default		357
	S-Channel0/1/8:2 0	default		358
	S-Channel0/1/2:1 0	default		373
	S-Channel0/1/2:2 0	default		374
	S-Channel0/1/9:1 0	default		389
	S-Channel0/1/9:2 0	default		390
	S-Channel0/1/3:1 0	default		405
	S-Channel0/1/3:2 0	default		406
	S-Channel0/1/10:1 0	default		421
	S-Channel0/1/10:2 0	default		422
	S-Channel0/1/4:1 0	default		437
	S-Channel0/1/4:2 0	default		438
	S-Channel0/1/11:1 0	default		453
	S-Channel0/1/11:2 0	default		454
	S-Channel0/1/5:1 0	default		469
	S-Channel0/1/5:2 0	default		470
	S-Channel0/1/12:1 0	default		485
	S-Channel0/1/12:2 0	default		486
	S-Channel0/1/6:1 0	default		501

	S-Channel10/1/6:2 0	default	502
	S-Channel11/1/1:1 0	default	1861
	S-Channel11/1/1:2 0	default	1862
	S-Channel11/1/7:1 0	default	1877
	S-Channel11/1/7:2 0	default	1878
	S-Channel11/1/2:1 0	default	1893
	S-Channel11/1/2:2 0	default	1894
	S-Channel11/1/8:1 0	default	1909
	S-Channel11/1/8:2 0	default	1910
	S-Channel11/1/3:1 0	default	1925
	S-Channel11/1/3:2 0	default	1926
	S-Channel11/1/9:1 0	default	1941
	S-Channel11/1/9:2 0	default	1942
	S-Channel11/1/4:1 0	default	1957
	S-Channel11/1/4:2 0	default	1958
	S-Channel11/1/10:1 0	default	1973
	S-Channel11/1/10:2 0	default	1974
	S-Channel11/1/5:1 0	default	1989
	S-Channel11/1/5:2 0	default	1990
	S-Channel11/1/11:1 0	default	2005
	S-Channel11/1/11:2 0	default	2006
	S-Channel11/1/6:1 0	default	2021
	S-Channel11/1/6:2 0	default	2022
	S-Channel11/1/12:1 0	default	2037
	S-Channel11/1/12:2 0	default	2038
	OneView#		

Command	show snmp	
Help	show	Displays the configuration / statistics / general Information
	snmp	SNMP configuration over tcp
Sample output	<pre> OneView# show snmp 1827415 SNMP Packets Input 420 Bad SNMP Version errors 0 Unknown community name 40931 Get request PDUs 1778929 Get Next PDUs 1338 Set request PDUs 1826995 SNMP Packets Output 0 Too big errors 45 No such name errors 0 Bad value errors 0 General errors 0 Trap PDUs 0 SNMP Rollback failures SNMP Manager-role output packets 420 Drops SNMP Informs: 0 Inform Requests generated 0 Inform Responses received 0 Inform messages Dropped 0 Inform Requests awaiting Acknowledgement SNMP Trap Listen Port is 162 snmp agent port : 161 snmp allowed Version : 1 </pre>	

	OneView#
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Command	show snmp community	
Help	show	Displays the configuration / statistics / general Information
	snmp	SNMP configuration over tcp
	community	Configured SNMP community information
Sample output	<pre> OneView# show snmp community Community Index : myv3com Community Name : myv3com Security Name : xyz Context Name : myinst Context EngineID: 80.00.00.0b.03.5c.b9.01.47.22.8d Transport Tag : Storage Type : Nonvolatile Row Status : Active ----- OneView# </pre>	

Command	show snmp targetaddr	
Help	show	Displays the configuration / statistics / general Information
	snmp	SNMP configuration over tcp
	targetaddr	Configured SNMP target address
Sample output	<pre> OneView# show snmp targetaddr Target Address Name : ad1 IP Address : 10.3.21.3 Port : 2 Tag List : Parameters : p1 Storage Type : Volatile Row Status : Active ----- OneView# </pre>	

Command	show snmp engineID	
Help	show	Displays the configuration / statistics / general Information
	snmp	SNMP configuration over tcp
	engineid	Engine identifier
Sample output	<pre> OneView# show snmp engineid EngineId: 80.00.00.0b.03.5c.b9.01.47.22.8d OneView# </pre>	

Command	show snmp group
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Help	show Displays the configuration / statistics / general Information snmp SNMP configuration over tcp group Configured SNMP groups
Sample output	<pre> OneView# show snmp group Security Model : v1 Security Name : none Group Name : iso Storage Type : Nonvolatile Row Status : Active ----- Security Model : v2c Security Name : none Group Name : iso Storage Type : Nonvolatile Row Status : Active ----- Security Model : v3 Security Name : netop Group Name : Networkoperator Storage Type : Volatile Row Status : Active ----- Security Model : v3 Security Name : OneView Group Name : OneViewAdmin Storage Type : Volatile Row Status : Active ----- Security Model : v3 Security Name : templateSHA Group Name : noAuthUser Storage Type : Nonvolatile Row Status : Active ----- OneView# </pre>

Command	show snmp group access
Help	show Displays the configuration / statistics / general Information snmp SNMP configuration over tcp group Configured SNMP groups access Configures SNMP group access details
Sample output	<pre> OneView# show snmp group access Group Name : iso Read View : iso Write View : Notify View : iso Storage Type : Nonvolatile Row Status : Active ----- Group Name : iso Read View : iso Write View : Notify View : iso Storage Type : Nonvolatile Row Status : Active </pre>

	<pre> ----- Group Name : noAuthUser Read View : restricted Write View : restricted Notify View : restricted Storage Type : Nonvolatile Row Status : Active ----- Group Name : noAuthUser Read View : iso Write View : iso Notify View : iso Storage Type : Nonvolatile Row Status : Active ----- Group Name : noAuthUser Read View : iso Write View : iso Notify View : iso Storage Type : Nonvolatile Row Status : Active ----- Group Name : OneViewAdmin Read View : OneViewreadwrite Write View : OneViewreadwrite Notify View : OneViewreadwrite Storage Type : Volatile Row Status : Active ----- Group Name : Networkoperator Read View : Networkread Write View : Notify View : Storage Type : Volatile Row Status : Active ----- OneView# </pre>
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Command	show snmp notif	
Help	show	Displays the configuration / statistics / general Information
	snmp notif	SNMP configuration over tcp Configured SNMP notification types
Sample output	<pre> OneView# show snmp notif Notify Name : notel Notify Tag : tag1 Notify Type : inform Storage Type : Nonvolatile Row Status : Active ----- OneView# </pre>	

Command	show snmp targetparam	
Help	show	Displays the configuration / statistics / general Information
	snmp targetparam	SNMP configuration over tcp Configured SNMP target address params

Sample output	<pre> OneView# show snmp targetparam Target Parameter Name : param1 Message Processing Model : v3 Security Model : v3 Security Name : user1 Security Level : No Authentication, No Privacy Storage Type : Nonvolatile Row Status : Active Filter Profile Name : None Row Status : Active ----- OneView# </pre>
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Command	show snmp tcp	
Help	<pre> show Displays the configuration / statistics / general Information snmp SNMP configuration over tcp tcp SNMP configuration over tcp </pre>	
Sample output	<pre> OneView# show snmp tcp snmp over tcp disabled snmp trap over tcp disabled snmp listen tcp port 161 snmp listen tcp trap port 162 OneView# </pre>	

Command	show snmp user	
Help	<pre> show Displays the configuration / statistics / general Information snmp SNMP configuration over tcp user Configures SNMP users </pre>	
Sample output	<pre> OneView# show snmp user Engine ID : 80.00.00.0b.03.5c.b9.01.47.22.8d User : netop Authentication Protocol : SHA Privacy Protocol : AES_CFB128 Storage Type : Volatile Row Status : Active ----- Engine ID : 80.00.00.0b.03.5c.b9.01.47.22.8d User : OneView Authentication Protocol : SHA Privacy Protocol : AES_CFB128 Storage Type : Volatile Row Status : Active ----- OneView# </pre>	

Command	show snmp viewtree	
Help	show	Displays the configuration / statistics / general Information
	snmp	SNMP configuration over tcp
	viewtree	Configured SNMP tree views
Sample output	<pre> OneView# show snmp viewtree View Name : iso Subtree OID : 1 Subtree Mask : 1 View Type : Included Storage Type : Nonvolatile Row Status : Active ----- View Name : restricted Subtree OID : 1 Subtree Mask : 1 View Type : Included Storage Type : Nonvolatile Row Status : Active ----- View Name : Networkread Subtree OID : 1 Subtree Mask : 1 View Type : Included Storage Type : Volatile Row Status : Active ----- View Name : OneViewreadwrite Subtree OID : 1 Subtree Mask : 1 View Type : Included Storage Type : Volatile Row Status : Active ----- OneView# </pre>	

Command	show snmp-server traps	
Help	show	Displays the configuration / statistics / general Information
	snmp-server	Snmp-server related information
	traps	Set of Traps
Sample output	<pre> OneView# show snmp-server traps Currently enabled traps: ----- coldstart,authentication-failure-traps, OneView# OneView# show snmp-server traps Currently enabled traps: ----- OneView# </pre>	

Command	show snmp broadcast-mode status	
Help	show	Displays the configuration / statistics / general

	sntp broadcast-mode status	Information SNTP related information SNTP broadcast mode status SNTP broadcast mode status
Sample output	OneView# show sntp broadcast-mode status sntp client is not in broadcast addressing mode. OneView# show sntp broadcast-mode status send sntp request to server in broadcast mode is disabled broadcast poll time out value is 5 broadcast delay time value is 8000 broadcast sntp server is 0.0.0.0 OneView#	

Command	show sntp clock	
Help	show sntp clock	Displays the configuration / statistics / general Information SNTP related information Displays the system date and time
Sample output	OneView# show sntp clock current time : Mon Oct 05 2020 04:43:40.000 (UTC + 00:00) OneView#	

Command	show sntp manycast-mode status	
Help	show sntp manycast-mode status	Displays the configuration / statistics / general Information SNTP related information SNTP manycast mode status SNTP multicast/manycast mode status
Sample output	OneView# show sntp manycast-mode status sntp client is not in manycast addressing mode. OneView# show sntp manycast-mode status manycast poll interval value is 64 manycast max poll time out value is 5 manycast max retry time value is 3 manycast server type is 1 (BROADCAST) OneView#	

Command	show sntp multicast-mode status	
Help	show sntp multicast-mode status	Displays the configuration / statistics / general Information SNTP related information SNTP multicast mode status SNTP multicast/manycast mode status
Sample output	OneView# show sntp multicast-mode status sntp client is not in mutlicast addressing mode. OneView# show sntp multicast-mode status send sntp request to server in multicast mode is disabled multicast poll time out value is 5 multicast delay time value is 8000 multicast group address is 224.0.1.1 OneView#	

Command	show sntp statistics	
Help	show	Displays the configuration / statistics / general Information
	sntp	SNTP related information
	statistics	Total Pkts related Count
Sample output	OneView# show sntp statistics Number of SNTP server-reply Received : 4769 Number of SNTP client-request Transmitted : 4796 Number of SNTP Pkt InDiscards : 0 OneView#	

Command	show sntp status	
Help	show	Displays the configuration / statistics / general Information
	sntp	SNTP related information
	status	SNTP status
Sample output	OneView# show sntp status sntp client is enabled current sntp client version is v4 current sntp client addressing mode is multicast sntp client port is 123 sntp client clock format is 24 hours sntp client authentication key id not set sntp client authentication algorithm is not set sntp client auth Key is not set sntp client time zone is +00:00 sntp client dst start time is not set sntp client dst end time is not set OneView#	

Command	show sntp unicast-mode status	
Help	show	Displays the configuration / statistics / general Information
	sntp	SNTP related information
	unicast-mode	SNTP unicast mode status
	status	SNTP Unicast Mode status
Sample output	OneView# show sntp unicast-mode status sntp client is not in unicast addressing mode. OneView# show sntp unicast-mode status auto discovery of sntp/ntp servers is disabled unicast poll interval value is 64 unicast max poll time out value is 5 unicast max retry time value is 3 unicast current mode value is SYNCHRONIZED TO PRIMARY SERVER sntp client is up for 06:28:16 unicast primary server address is 16.110.135.123 unicast primary server version is 4 unicast primary server port is 123 last updated time from the primary server is Mon Oct 05 2020 04:48:04 Num sntp-client req-msgs transmitted to the primary server 4797 OneView#	

Command	show stack { brief counters switchid <integer(0-1)> details}	
Help	show	Displays the configuration / statistics / general Information
	stack	Stack related configuration
	brief	Brief stacking information except stack IP and stack MAC
	counters	Counter information of stack ports
	details	Displays all stacking information including the stack IP and stack MAC
	switchid	Stacking configuration of specific switchID
	(0-1)	Switch ID
Sample output	<pre> OneView# show stack switchid 0 Peer Status ----- SwitchId StackMac SwitchState CardName ----- 0 00:02:03:04:05:01 UP BCM56850PB OneView# show stack switchid 1 Self Status ----- Switch Id : 1 Stack Ip : 169.254.254.2 Stack Mac : 00:02:03:04:05:02 OneView# show stack switchid 2 show stack switchid 2 ^ % Invalid input detected at '^' marker OneView# OneView# show stack brief Self Status ----- Stack ports : 2 Switch Id : 1 Configured state : PM Current State : Master Peer Status ----- SwitchId SwitchState CardName ----- 0 UP BCM56850PB OneView# OneView# show stack counters Port IfName InOctet InUcast InDiscard InErrs InHCOctet ---- - 1 FortyGigE1/0/8 3898281227 4 1205 0 3898281227 2 FortyGigE1/0/7 116727303 1281188 1205 0 116727303 3 FortyGigE0/0/7 554419914 1284448 2685737 0 554420012 4 FortyGigE0/0/8 1762763268 0 2785218 0 1762766150 Port IfName OutOctet OutUcast OutDiscard OutErrs OutHCOctet </pre>	

	<pre> ----- 1 FortyGigE1/0/8 554421188 1284456 0 0 554421188 2 FortyGigE1/0/7 1762789454 1 0 0 1762789454 3 FortyGigE0/0/7 3898240203 0 0 0 3898274724 4 FortyGigE0/0/8 116720846 1281182 0 0 116720944 OneView# OneView# show stack details Self Status ----- Stack ports : 2 Switch Id : 1 Stack Ip : 169.254.254.2 Stack Mac : 00:02:03:04:05:02 Configured state : PM Current State : Master Peer Status ----- SwitchId StackIP StackMac SwitchState CardName ----- 0 169.254.254.1 00:02:03:04:05:01 UP BCM56850PB OneView# </pre>
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Command	show switch-mode status	
Help	show	Displays the configuration / statistics / general Information
	switch-mode	LEGACY,FIPS or CNSA mode related information
	status	Operating mode status
Sample output	<pre> OneView# show switch-mode status LEGACY mode OneView# </pre>	

Command	show syslog profile	
Help	show	Displays the configuration / statistics / general Information
	syslog	Syslog related configuration
	profile	Profile related configuration
Sample output	<pre> OneView# show syslog profile Syslog Profile : raw OneView# </pre>	

Command	show system information	
Help	show	Displays the configuration / statistics / general Information
	system	System related information

	information	System related information
Sample output	<pre> OneView# show system information Firmware Version : 1.4.2-1005 Switch Name : HPE System Contact : System Name : LE-LIG System Location : Logging Option : File Logging Device Uptime : 3 Days, 13 Hrs, 13 Mins, 30 Secs Config Save Status : Successful Remote Save Status : Not Initiated Config Restore Status : Successful Traffic Separation Control : none OneView# </pre>	

Command	show system-log files	
Help	show	Displays the configuration / statistics / general Information
	system-log files	System-Log Files Information File Information
Sample output	<pre> OneView# show system-log files ----- System Log Files ----- 1 : /tmp/fss.log 6887482b OneView# </pre>	

Command	show transceiver-info { <iftype> <ifnum> } all }	
Help	show	Displays the configuration / statistics / general Information
	transceiver-info	Displays Transceiver information
	FortyGigE	Forty Gigabit ethernet interface
	Ten-GigabitEthernet	Ten Gigabit ethernet interface
	TwentyGigE	Twenty Gigabit ethernet interface
	all	All Transceiver ports
	s-channel	S-Channel Interface
	<0-1>/<0-12>/<1-136>:<1-4>	Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]
Sample output	<pre> OneView# show transceiver-info ten-GigabitEthernet 0/0/2:1 Transceiver Details ----- Ten-GigabitEthernet0/0/2:1 ----- Type : QSFP Vendor Name : HPE Vendor OUI : 00:09:3a Vendor PN : 747649126 Vendor Revision : A3 Product Number : JG331A Vendor Serial Number: 435230323 </pre>	

	Vendor Date Code : 14-12-18 Temperature : 0 Deg Celsius Voltage : 0.0000 V Module Type : Ethernet Copper IntegratedCable Splitter Interface Type : CR Ethernet Speed : 10Gb Cable Length : 5 m Lane ID : 1 ----- Optical Tx Power : unsupported Optical Rx Power : 0.0000 mW Laser Bias Current : 0.0000 mA OneView#
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Command	show uid-led state	
Help	show uid-led state	Displays the configuration / statistics / general Information uid-led information uid-led state
Sample output	OneView# show uid-led state UID LED State ----- UID LED : OFF OneView# OneView# show uid-led state UID LED State ----- UID LED : ON OneView#	

Command	show uplinkset [<uplinkset_number(1-256)>] { detail lags }	
Help	show uplinkset (1-256) detail lags	Displays the configuration / statistics / general Information Uplinkset related information uplinkset number Detailed information LAGS information of uplinkset
Sample output	OneView# show uplinkset 121 detail Uplinkset 121 details : ----- Name :Isol_Eth_Tag Uplinkset ID :121 Type :Fcoe Ports :Ten-GigabitEthernet1/0/5:3,Ten-GigabitEthernet0/0/5:3	

ExtVlanIds:106 EthTag Fcoe 126 short Up None 277 Ten- GigabitEthernet1/0/5:2 GigabitEthernet1/0/5:1 GigabitEthernet0/0/5:2 GigabitEthernet0/0/5:1 ExtVlanIds:10,11,12,301,302,500,1000,1001,1002,1003,1004,1005,1006,1007,1008,1009,1010,1011,1012,1013,1014,1015,1016,1017,1018,1019,1020,1021,1022,1023,1024,1025,1026,1027,1028,1029,1030,1031,1032,1033,1034,1035,1036,1037,1038,1039,1040,1041,1042,1043,1044,1045,1046,1047,1048,1049,1050,1051,1052,1053,1054,1055,1056,1057,1058,1059,1060,1061,1062,1063,1064,1065,1066,1067,1068,1069,1070,1071,1072,1073,1074,1075,1076,1077,1078,1079,1080,1081,1082,1083,1084,1085,1086,1087,1088,1089,1090,1091,1092,1093,1094,1095,1096,1097,1098,1099,1100 OneView#	
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Command	show users	
Help	show	Displays the configuration / statistics / general Information
	users	Valid users
Sample output	OneView# show users Line User Peer-Address 3 tel netop 127.0.0.1 OneView#	

Command	show vfc { <integer(1-256)> all }	
Help	show	Displays the configuration / statistics / general Information
	vfc	vfc related info
	<integer(1-256)>	index
	all	Displays all
Sample output	OneView# show vfc all -----Shows VFC statistics----- OneView#	

Command	show virtual-link-table				
Help	show	Displays the configuration / statistics / general Information			
	virtual-link-table	Virtual link related information			
Sample output	OneView# show virtual-link-table				
	Virtual Link Table				
	INTERFACE	VLAN	ENODE	MAC	SESSION
	VN PORT MAC	FCF MODE	SESSION WITH		
	S-Channel0/2/8:3	4094	a6:1b:99:d0:01:0c	Active	
	ethernet0/0/4:1	0e:fc:01:01:08:01	Fabric Attach		
S-Channel0/2/12:3	4093	a6:1b:99:d0:01:08	Active		
ethernet0/0/3:1	0e:fc:03:03:1e:01	Direct Attach			

	S-Channel1/2/8:3 4091 a6:1b:99:d0:01:0d Active ethernet1/0/4:1 0e:fc:02:01:09:01 Fabric Attach OneView#
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Command	show vlan [{brief id <vlan-range> summary ascending}] [switch <context_name>]	
Help	show vlan brief id <string(9)> summary ascending switch default	Displays the configuration / statistics / general Information Protocol specific configuration for VLAN Information about all the vlans in brief Information specific to vlan Vlan range Summary of the vlan Shows Vlan information in ascending order of VlanId Protocol specific information for switch Switch Name/Context Name
Sample output	OneView# show vlan brief switch default Vlan database ----- Vlan ID : 100 Member Ports : Ten-GigabitEthernet0/0/2:2 Untagged Ports : None Forbidden Ports : None Name : f7f36ce7d1ba4ee8b6b138837e95250d Status : Permanent Egress Ethertype : 0x8100 Service Loopback Status : Disabled Private Network Status : Disabled ----- Vlan ID : 106 Member Ports : Ten-GigabitEthernet0/0/2:1 Untagged Ports : None Forbidden Ports : None Name : affd906cd86545bcbcd3552828382fea Status : Permanent Egress Ethertype : 0x8100 Service Loopback Status : Disabled Private Network Status : Disabled ----- Vlan ID : 10 Member Ports : po2 Untagged Ports : None Forbidden Ports : None Name : 977b983ae7fd4a13bd31ff869c21b100 Status : Permanent Egress Ethertype : 0x8100 Service Loopback Status : Disabled Private Network Status : Disabled ----- Vlan ID : 11 Member Ports : po2 Untagged Ports : None --More-- OneView# show vlan id 100	

	<pre> Vlan database ----- Vlan ID : 100 Member Ports : Ten-GigabitEthernet0/0/2:2 Untagged Ports : None Forbidden Ports : None Name : f7f36ce7d1ba4ee8b6b138837e95250d Status : Permanent Egress Ethertype : 0x8100 Service Loopback Status : Disabled Private Network Status : Disabled ----- OneView# OneView# show vlan summary Number of vlans : 114 OneView# </pre>
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Command	show vlan device info [switch <context_name>]	
Help	show	Displays the configuration / statistics / general Information
	vlan	Protocol specific configuration for VLAN
	device	Vlan device
	info	Vlan device related information
	switch	Protocol specific information for switch
	default	Switch Name/Context Name
Sample output	<pre> OneView# show vlan device info Vlan device configurations ----- Vlan Status : Enabled Vlan Oper status : Enabled Mac-Vlan Status : Disabled Subnet-Vlan Status : Disabled Protocol-Vlan Status : Enabled Bridge Mode : Customer Bridge Base-Bridge Mode : Vlan Aware Bridge Traffic Classes : Enabled Vlan Operational Learning Mode : IVL Hybrid Default Learning Mode : IVL Version number : 1 Max Vlan id : 4094 Max supported vlans : 4094 Global mac learning status : Enabled Filtering Utility Criteria : Disabled Unicast mac learning limit : 15684 OneView# </pre>	

Command	show vlan isolated-user-vlan [{super-vlan isolated-subvlan nonisolated-subvlan}]	
Help	show	Displays the configuration / statistics / general Information
	vlan	Protocol specific configuration for VLAN

	isolated-user-vlan Displays isolated user vlan configuration nonisolated-subVlan Non-Isolated Sub Vlan super-vlan Super Vlan
Sample output	<pre> OneView# show vlan isolated-user-vlan switch default VlanId Type Super VlanId ----- 16 Isolated sub vlan 100 100 super vlan - OneView# OneView# show vlan isolated-user-vlan super-vlan switch default VlanId Type Super VlanId ----- 100 super vlan - OneView# show vlan isolated-user-vlan isolated-subvlan switch default VlanId Type Super VlanId ----- 16 Isolated sub vlan 100 OneView# </pre>

Command	show vlan isolated-user-vlan port-type
Help	show Displays the configuration / statistics / general Information vlan Protocol specific configuration for VLAN port-type Displays port type and override details
Sample output	<pre> OneView# show vlan isolated-user-vlan port-type switch default PortIndex Type Override Option ----- 103 Trusted Disabled 104 Untrusted Enabled OneView# </pre>

Command	show vlan learning params [vlan <vlan-range>] [switch <string(32)>]
Help	show Displays the configuration / statistics / general Information vlan Protocol specific configuration for VLAN learning unicast-MAC learning status and learning limit for specified VLAN params unicast-MAC learning status and learning limit for specified VLAN switch Protocol specific information for switch default Switch Name/Context Name vlan Protocol specific configuration for VLAN <string(9)> Vlan range
Sample output	<pre> OneView# show vlan learning params vlan 10 switch default Unicast MAC Learning Parameters ----- </pre>

	Vlan Id : 10 Mac Learning Admin-Status : Default Mac Learning Oper-Status : Enable Mac Learning Limit : 100 ----- OneView#
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Command	show vlan port config [{port <interface-type> <interface-id> switch <context_name>}]	
Help	show	Displays the configuration / statistics / general Information
	vlan	Protocol specific configuration for VLAN
	port	Vlan related parameters specific to port
	config	Configured vlan related parameters
	port	Vlan related parameters specific to port
	FortyGigE	Forty Gigabit ethernet interface
	Ten-GigabitEthernet	Ten Gigabit ethernet interface
	TwentyGigE	Twenty Gigabit ethernet interface
	s-channel	S-Channel Interface
	<0-1>/<0-12>/<1-136>:<1-4>	Speed <stacking member id>/<Enclosure Id>/<[ServerBayId][QSFP Port]>:[Split]
	switch	Protocol specific information for switch
	default	Switch Name/Context Name
Sample output	OneView# show vlan port config port ten-GigabitEthernet 0/0/2:1 Vlan Port configuration table ----- Port Ten-GigabitEthernet0/0/2:1 Bridge Port Type : Customer Bridge Port Port Vlan ID : 4095 Port Acceptable Frame Type : Admit All Port Mac Learning Status : Enabled Port Ingress Filtering : Enabled Port Mode : Hybrid Mac Based Support : Disabled Subnet Based Support : Disabled Port-and-Protocol Based Support : Enabled Default Priority : 0 Filtering Utility Criteria : Default Port Protected Status : Disabled Ingress EtherType : 0x8100 Egress EtherType : 0x8100 Egress TPID Type : Portbased Allowable TPID 1 : 0x0 Allowable TPID 2 : 0x0 Allowable TPID 3 : 0x0 ----- OneView#	

Command	show vplag {<short(1-65535)> all}	
Help	show	Displays the configuration / statistics / general Information

	vplag (1-65535) all	Vplag related information vplag index All information
Sample output	<pre> OneView# show vplag 247 VpLag configuration ----- Id : 247 Port List : S-Channel0/1/8:5,S-Channel1/1/8:5, Vlan List : 4093, LACP timeout : Long Network Type : Tunnel Internal Vlan : 4093 Lag Interface : vplag1247 Preferred Idx : S-Channel0/1/8:5 Status : Active ----- OneView# OneView# show vplag all % No entry present OneView# </pre>	

Command	sleep <seconds(1-65535)>	
Help	sleep <seconds(1-65535)>	Delays the ISS CLI thread for configured seconds time in seconds, for which the ISS has to sleep
Sample output	<pre> OneView# sleep 5 OneView# </pre>	

Command	no pagination	
Help	no pagination	Disables the configuration / deletes the entry / resets to pagination configuration
Sample output	<pre> OneView# no pagination OneView# </pre>	