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show vdc

{ show vdc [<e-vdc2>] [feature-set | detail | membership [all | status | module <module>] | shared membership] [__readonly__ [detail2] [<swmode>] { TABLE_vdc <vdc_id> <vdc_name> <state> <mac> <hap> <sw> <boot_order> [<prio> <prio_per>] [<create_time>] [<reload_count>] [<restart_count>] [<restart_time>] [<restart_reason>] <vtype> <lc-support> [TABLE_fs <fs_id> <fs_name>] [TABLE_port <port-list>] }] }

Syntax Description

show	Show Virtual Device Contexts
vdc	Show Virtual Device Contexts
e-vdc2	(Optional) Enter Virtual Device Context <vdc-id>
detail	(Optional) Show detailed vdc information
membership	(Optional) Show vdc interface membership information
shared	(Optional) Show the shared interfaces in a vdc
membership	(Optional) Show the shared interfaces in a vdc
module	(Optional) Show vdc interface membership information for a specific module only
module	(Optional) Show vdc interface membership information for a specific module only
status	(Optional) Show vdc related port-status
feature-set	(Optional) Show vdc feature-set information
all	(Optional) Show offline modules as well
__readonly__	(Optional) Read Only
detail2	(Optional)
swmode	(Optional)
TABLE_vdc	(Optional)
vdc_id	(Optional) vdc-id
TABLE_port	(Optional)
port-list	(Optional) port membership for VDC
vdc_name	(Optional) vdc-name
state	(Optional) state
mac	(Optional) mac address for VDC

hap	(Optional) hap policy
sw	(Optional) sw policy
vtype	(Optional)
lc-support	(Optional)
create_time	(Optional)
reload_count	(Optional)
restart_count	(Optional)
restart_time	(Optional)
restart_reason	(Optional)
TABLE_fs	(Optional)
fs_id	(Optional) fs id
fs_name	(Optional)
boot_order	(Optional)
prio	(Optional)
prio_per	(Optional)

Command Mode

- /exec

show vdc current-vdc

show vdc current-vdc [__readonly__ <mode> <name>]

Syntax Description

show	Show Virtual Device Contexts
vdc	Show Virtual Device Contexts
current-vdc	Show which vdc you are currently in
__readonly__	(Optional) Read Only
mode	(Optional) cli mode
name	(Optional) vdc name

Command Mode

- /exec

show vdc fcoe-vlan-range

show vdc fcoe-vlan-range [__readonly__ <fcoe-vdc> [<fcoe-vlans>] [<sharing-vdcs>]]

Syntax Description

show	Show Virtual Device Contexts
vdc	Show Virtual Device Contexts
fcoe-vlan-range	vlans reserved for FCoE
__readonly__	(Optional) Read Only
fcoe-vdc	(Optional)
sharing-vdcs	(Optional)
fcoe-vlans	(Optional)

Command Mode

- /exec

show vdc resource

show vdc <id> resource [<res-mgr-res-known-name>] [__readonly__ { TABLE_vdc_resource_single_vdc <res_name> <min> <max> <used> <unused> <free> }]

Syntax Description

show	Show running system information
vdc	Show Virtual Device Contexts
id	Enter Virtual Device Context <vdc-id>
resource	Show resource configuration for VDC
res-mgr-res-known-name	(Optional) Resource name
__readonly__	(Optional) Read Only
res_name	(Optional) Resource Name
min	(Optional) Resource min configuration
max	(Optional) Resource max configuration
used	(Optional) Resource current usage for this VDC
unused	(Optional) Resource reserved for this VDC but currently not used
free	(Optional) Resource current free for this VDC
TABLE_vdc_resource_single_vdc	(Optional)

Command Mode

- /exec

show vdc resource

show vdc resource [<res-mgr-res-known-name>] [detail | hidden-too | with-flags] + [__readonly__ { TABLE_resource <resource_name> <total_used> <total_unused> <total_free> <total_avail> <total> [TABLE_vdc_resource_across_vdcs <vdc_name> <min> <max> <used> <unused> <free>] }]

Syntax Description

show	Show running system information
vdc	Show Virtual Device Contexts
resource	Show resource configuration across VDCs
res-mgr-res-known-name	(Optional) Resource name
detail	(Optional) Show detail resource configuration
hidden-too	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
with-flags	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
__readonly__	(Optional) Read Only
TABLE_resource	(Optional)
resource_name	(Optional) Resource Name
total_used	(Optional) Resource current usage for all VDC
total_unused	(Optional) Resources currently reserved but not used across all VDC
total_free	(Optional) Resource current free for all VDC
total_avail	(Optional) Resource current available across all VDC
total	(Optional) Resources grand total
TABLE_vdc_resource_across_vdcs	(Optional)
vdc_name	(Optional) VDC name
min	(Optional) Resource min configuration
max	(Optional) Resource max configuration
used	(Optional) Resource current usage for this VDC
unused	(Optional) Resource reserved for this VDC but currently not used
free	(Optional) Resource current free for this VDC

Command Mode

- /exec

show vdc resource template

show vdc resource template [<res-mgr-template-known-name-all>] [__readonly__ TABLE_template <template_name> { TABLE_resource <resource_name> <min> <max> }]

Syntax Description

show	Show running system information
vdc	Show Virtual Device Contexts
resource	Show resource configuration for VDC
template	Resource template configuration
res-mgr-template-known-name-all	(Optional) Resource template name
__readonly__	(Optional) Read Only
TABLE_template	(Optional)
template_name	(Optional) Resource Template Name
TABLE_resource	(Optional)
resource_name	(Optional) Resource Name
min	(Optional) Resource min configuration
max	(Optional) Resource max configuration

Command Mode

- /exec

show version

show version [__readonly__ <header_str> <bios_ver_str> [<epld_ver_str>] [<loader_ver_str>] <kickstart_ver_str> <release_type> <nxos_ver_str> [<host_nxos_ver_str>] [<sys_ver_str>] <bios_cmpl_time> <kick_file_name> <nxos_file_name> <kick_cmpl_time> <nxos_cmpl_time> <kick_tmstmp> <nxos_tmstmp> [<isan_file_name>] [<isan_cmpl_time>] [<isan_tmstmp>] [<boot_lxc_mode>] <chassis_id> [<module_id>] <cpu_name> <memory> <mem_type> <proc_board_id> <host_name> <bootflash_size> [<slot0_size>] [<slot1_size>] <kern_uptm_days> <kern_uptm_hrs> <kern_uptm_mins> <kern_uptm_secs> [<rr_usecs>] [<rr_ctime>] <rr_reason> <rr_sys_ver> <rr_service> <plugins> <manufacturer> [TABLE_smu_list <install_smu_id> +] [TABLE_package_list <package_id> +]]

Syntax Description

show	
version	Show the software version
__readonly__	(Optional)
header_str	(Optional)
bios_ver_str	(Optional)
epld_ver_str	(Optional)
loader_ver_str	(Optional)
kickstart_ver_str	(Optional)
nxos_ver_str	(Optional)
host_nxos_ver_str	(Optional)
release_type	(Optional)
sys_ver_str	(Optional)
bios_cmpl_time	(Optional)
kick_file_name	(Optional)
nxos_file_name	(Optional)
kick_cmpl_time	(Optional)
nxos_cmpl_time	(Optional)
kick_tmstmp	(Optional)
nxos_tmstmp	(Optional)
isan_file_name	(Optional)

isan_cmpl_time	(Optional)
isan_tmstmp	(Optional)
boot_lxc_mode	(Optional)
chassis_id	(Optional)
module_id	(Optional)
cpu_name	(Optional)
memory	(Optional)
mem_type	(Optional)
proc_board_id	(Optional)
host_name	(Optional)
bootflash_size	(Optional)
slot0_size	(Optional)
slot1_size	(Optional)
kern_uptm_days	(Optional)
kern_uptm_hrs	(Optional)
kern_uptm_mins	(Optional)
kern_uptm_secs	(Optional)
rr_usecs	(Optional)
rr_ctime	(Optional)
rr_reason	(Optional)
rr_sys_ver	(Optional)
rr_service	(Optional)
plugins	(Optional)
manufacturer	(Optional)
TABLE_smu_list	(Optional)
install_smu_id	(Optional)
TABLE_package_list	(Optional)
package_id	(Optional) Package name

Command Mode

- /exec

show version epld

show version epld <uri0> [__readonly__ <image-info> [{ TABLE_module_info <module-type> <model> <epld-device> <version> }]]

Syntax Description

show	Show running system information
version	Show the software version
epld	Show EPLD versions available in EPLD image
uri0	Local URI containing EPLD Image
__readonly__	(Optional)
image-info	(Optional) image file info
TABLE_module_info	(Optional)
module-type	(Optional) module type
model	(Optional) model
epld-device	(Optional) epld device
version	(Optional) version

Command Mode

- /exec

show version image

show version image <uri0> [__readonly__ <md5_str> <img_file_name> [<bios_ver_str>] <sys_ver_str> <img_cmpl_time> [<img_tmstmp>]]

Syntax Description

show	Show running system information
version	Show the software version
image	Show the software version of a given image
uri0	Enter URI
__readonly__	(Optional)
md5_str	(Optional)
img_file_name	(Optional)
bios_ver_str	(Optional)
sys_ver_str	(Optional)
img_cmpl_time	(Optional)
img_tmstmp	(Optional)

Command Mode

- /exec

show version module

show version module <module> [__readonly__ { TABLE_version <slot> <type> <sw> <interim> <bios> }]

Syntax Description

show	Show running system information
version	Show the software version
module	Show the software version of a Module
module	Enter module number
__readonly__	(Optional)
TABLE_version	(Optional) Show version info
slot	(Optional) Slot
type	(Optional) image type
sw	(Optional) SW version
interim	(Optional) SW interim version
bios	(Optional) BIOS version

Command Mode

- /exec

show version module epld

show version module <module> epld [__readonly__ { [<header_info>] [<module>] [<mi_iofpga> <version>] [<io_fpga> <version>] [<mi_iofpga2> <version>] [<mi_iofpga3> <version>] [<mi_iofpga4> <version>] [<mi_iofpga5> <version>] [<mi_iofpga6> <version>] [<mi_iofpga7> <version>] [<mi_iofpga8> <version>] [<mi_iofpga9> <version>] [<mi_iofpga10> <version>] [<cpu_iofpga> <version>] [<db_fpga> <version>] }]

Syntax Description

show	Show running system information
version	Show the software version
module	Show the software version of a Module
module	Enter module number
epld	Show a module's current EPLD versions
__readonly__	(Optional)
header_info	(Optional)
module	(Optional)
mi_iofpga	(Optional)
io_fpga	(Optional)
mi_iofpga2	(Optional)
mi_iofpga3	(Optional)
mi_iofpga4	(Optional)
mi_iofpga5	(Optional)
mi_iofpga6	(Optional)
mi_iofpga7	(Optional)
mi_iofpga8	(Optional)
mi_iofpga9	(Optional)
mi_iofpga10	(Optional)
cpu_iofpga	(Optional)
db_fpga	(Optional)
version	(Optional)

Command Mode

- /exec

show virtual-service

show virtual-service [{ list } | { global } | { detail [name <virt_serv_name>] } | { core [name <virt_serv_name_core>] }] [__readonly__ [<infrastructure_major_version> <infrastructure_minor_version> <total_virtual_services_installed> <total_virtual_services_activated> <machine_types_supported> <machine_types_disabled> <maximum_vcpus_per_virtual_service> TABLE_resource_limits <media_name> <quota> <committed> <available>] [TABLE_list <name> <status> <package_name>] [TABLE_detail <name> <state> <package_name> <ova_path> <application_name> <application_version> <application_description> <key_type> <signing_method> <licensing_name> <licensing_version> <disk_reservation> <memory_reservation> <cpu_reservation> TABLE_attached_devices <type> <name> <alias>] [TABLE_core <name> <name_core>]]

Syntax Description

show	Show running system information
virtual-service	Display virtualization service information
global	(Optional) Virtual service global information
list	(Optional) List virtual services
detail	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
core	(Optional) Core information
name	(Optional) Information for a specific virtual service
virt_serv_name	(Optional) Name of a virtual service
virt_serv_name_core	(Optional) Name of a virtual service
__readonly__	(Optional) Read Only
infrastructure_major_version	(Optional) Infrastructure major version
infrastructure_minor_version	(Optional) Infrastructure minor version
total_virtual_services_installed	(Optional) Total virtual services installed
total_virtual_services_activated	(Optional) Total virtual services activated
maximum_vcpus_per_virtual_service	(Optional) Maximum VCPUs per virtual service
machine_types_supported	(Optional) Machine types supported
machine_types_disabled	(Optional) Machine types disabled
TABLE_resource_limits	(Optional) Virtual service global resource limits
media_name	(Optional) Resource name
quota	(Optional) Resource Virtualization quota

committed	(Optional) Resource Virtualization committed
available	(Optional) Resource Virtualization available
TABLE_list	(Optional) Virtual service list table
name	(Optional) Virtual service name
status	(Optional) Virtual service status
package_name	(Optional) Virtual service package name
TABLE_detail	(Optional) Virtual service detail table
name	(Optional) Virtual service name
package_name	(Optional) Virtual service package name
application_name	(Optional) Name of the application
application_version	(Optional) Version of the application
application_description	(Optional) Description of the application
key_type	(Optional) Virtual service key type
signing_method	(Optional) Method used to sign the package
licensing_name	(Optional) Name of the license
licensing_version	(Optional) Version of the license
ova_path	(Optional) Virtual service OVA path
state	(Optional) Virtual service state
disk_reservation	(Optional) Virtual service disk reservation
memory_reservation	(Optional) Virtual service memory reservation
cpu_reservation	(Optional) Virtual service CPU reservation
TABLE_attached_devices	(Optional) Attached devices table
type	(Optional) Type of the attached device
name	(Optional) Name of the attached device
alias	(Optional) Alias for the attached device
TABLE_core	(Optional) Virtual service core table
name	(Optional) Virtual service name
name_core	(Optional) Name of core

Command Mode

- /exec

show virtual-service storage pool list

show virtual-service storage pool list [__readonly__ [TABLE_storage <pool_name> <pool_type> <pool_path>]]

Syntax Description

show	Show running system information
virtual-service	Display virtualization service storage pool information
storage	Storage information about virtual service
pool	Storage pool information about virtual service
list	List storage pool for virtual service
__readonly__	(Optional) Read Only
TABLE_storage	(Optional) Virtual service storage pool list table
pool_name	(Optional) Virtual service storage pool name
pool_type	(Optional) Virtual service storage pool type
pool_path	(Optional) Virtual service storage pool path

Command Mode

- /exec

show virtual-service tech-support

show virtual-service tech-support

Syntax Description

show	Show running system information
virtual-service	Gather information for virtualization services trouble shooting
tech-support	Gather information for trouble shooting

Command Mode

- /exec

show virtual-service utilization name

show virtual-service utilization name <virt_serv_name> [__readonly__ [TABLE_cpu <request> <actual> <state>] [TABLE_memory <allocation> <used>] [TABLE_storage <name> <alias> <capacity> <used> <available> <usage>]]

Syntax Description

show	Show running system information
virtual-service	Display virtualization service utilization information
utilization	Utilization information about virtual service
name	Utilization of a virtual service
virt_serv_name	Name of a virtual service
__readonly__	(Optional) Read Only
TABLE_storage	(Optional) Virtual service storage utilization
name	(Optional) storage device name
alias	(Optional) storage device alias
capacity	(Optional) Capacity 1k blocks
used	(Optional) Used 1k blocks
available	(Optional) Available 1k blocks
usage	(Optional) Usage
TABLE_memory	(Optional) Virtual service memory utilization
allocation	(Optional) Memory allocation
used	(Optional) Memory used
TABLE_cpu	(Optional) Virtual service cpu utilization
request	(Optional) Requested Application Utilization
actual	(Optional) Actual Application Utilization
state	(Optional) CPU state

Command Mode

- /exec

show virtual-service version

show virtual-service version { { installed } | { name <virt_serv_name> installed } } [__readonly__ <virt_service_name> <application_name> <application_version>]

Syntax Description

show	Show running system information
virtual-service	Display virtualization service version information
version	Version information about virtual service
installed	Installed version
name	Version of a virtual service
virt_serv_name	Name of a virtual service
__readonly__	(Optional) Read Only
virt_service_name	(Optional) Virtual service name
application_name	(Optional) Application name
application_version	(Optional) Application version

Command Mode

- /exec

show vlan

show vlan [controller] [__readonly__ <vlanshowbr-hdr> { TABLE_vlanbrief <vlanshowbr-vlanid> <vlanshowbr-vlanid-utf> <vlanshowbr-vlanname> <vlanshowbr-vlanstate> <vlanshowbr-shutstate> [<vlanshowplist-ifidx> +] } <vlanshowinfo-mtu-hdr> { TABLE_mtuinfo <vlanshowinfo-vlanid> <vlanshowinfo-media-type> <vlanshowinfo-vlanmode> } [<vlanshowrspan-hdr1>] [<vlanshowrspan-vlantype>] [<vlanshowrspan-hdr2>] [<vlanshowrspan-vlanbitmap>] [<pvlan-hdr>] [<pvlan-section>] [<pvlan-stby>] <show-end> [<true-end>]]

Syntax Description

show	Show running system information
vlan	VLAN status
controller	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
__readonly__	(Optional) Read Only
TABLE_vlanbrief	(Optional) VLAN brief table format
TABLE_mtuinfo	(Optional) MTU information table format
vlanshowbr-hdr	(Optional) VLAN brief header
vlanshowbr-vlanid	(Optional) VLAN brief VLAN ID
vlanshowbr-vlanid-utf	(Optional) VLAN brief VLAN ID
vlanshowbr-vlanname	(Optional) VLAN brief VLAN name
vlanshowbr-vlanstate	(Optional) VLAN brief VLAN state
vlanshowbr-shutstate	(Optional) VLAN brief shutdown state
vlanshowplist-ifidx	(Optional) Port list ifindex
vlanshowinfo-mtu-hdr	(Optional) Vlan info mtu header
vlanshowinfo-vlanid	(Optional) Vlan info VLAN ID
vlanshowinfo-media-type	(Optional) Select media type
vlanshowinfo-vlanmode	(Optional) VLAN brief VLAN mode
vlanshowrspan-hdr1	(Optional) RSPAN VLAN header for one VLAN
vlanshowrspan-hdr2	(Optional) RSPAN VLAN header for multiple VLANs
vlanshowrspan-vlantype	(Optional) RSPAN VLAN one VLAN rspan or non-rspan
vlanshowrspan-vlanbitmap	(Optional) RSPAN VLAN multiple VLANs
show-end	(Optional) Show vlan end marker

true-end	(Optional) Show vlan end marker
pvlan-hdr	(Optional) private vlan section
pvlan-section	(Optional) private vlan section
pvlan-stby	(Optional) private vlan section on standby

Command Mode

- /exec

show vlan access-list

show vlan access-list <name> [<inp_seqno>] [__readonly__ TABLE_vacl <vacl_name> [<vacl_seqno>] [TABLE_list <ip_ipv6_mac> <acl_name> [TABLE_seqno <seqno> { <permitdeny> [<proto_str> | <proto> | <ip> | <ipv6>] { <src_any> | <src_ip_prefix> | <src_ip_addr> <src_ip_mask> | <src_ipv6_prefix> | <src_ipv6_addr> <src_ipv6_mask> | <mac_src> <mac_src_wild> | <src_addrgrp> } [<src_port_op> [<src_port1_str>] { <src_port1_num> } [<src_port2_str> | <src_port2_num>] | <src_portgrp>] { <dest_any> | <dest_ip_prefix> | <dest_ip_addr> <dest_ip_mask> | <dest_ipv6_prefix> | <dest_ipv6_addr> <dest_ipv6_mask> | <mac_dest> <mac_dest_wild> | <dest_addrgrp> } [<dest_port_op> [<dest_port1_str>] { <dest_port1_num> } [<dest_port2_str> | <dest_port2_num>] | <dest_portgrp>] [{ <icmp_type> [<icmp_code>] | <icmp_str> } | { <icmpv6_type> [<icmpv6_code>] | <icmpv6_str> }] [<igmp_type> | <igmp_type_str>] [[<precedence> | <precedence_str>] [<tos> | <tos_str>] | [<dscp> [<dscp_mask>] | <dscp_str>] | [<ttl>]] [<log>] [<telemetry_queue>] [<telemetry_path>] [<udfs>] [<capture_session>] [<fragments>] [<plen_op> <plen1> [<plen2>]] [<urg>] [<ack>] [<psh>] [<rst>] [<syn>] [<fin>] [<established>] [<http-method> | <http_opt_str>] [<tcp-option-length>] [<tcp-flags-mask>] [<flow_label>] [<timerange>] [<eth_proto> | <eth_proto_str>] [<vlan>] [<cos>] [<match_count>] | [TABLE_match <module> <module_match_count>] | [<nve_vni>] | [<nve_vni>] | [<label1> [<label2> <label3> <label4>]] <remark> }] [<action> <actionid>]]]

Syntax Description

show	Show running system information
vlan	VLAN status
access-list	Vlan access list
name	List name
inp_seqno	(Optional) Sequence number
vacl_name	(Optional) List name
__readonly__	(Optional)
vacl_seqno	(Optional) Sequence number
TABLE_vacl	(Optional)
TABLE_list	(Optional)
ip_ipv6_mac	(Optional) IP/iIPV6/MAC
acl_name	(Optional) Access list name
seqno	(Optional) Sequence number
permitdeny	(Optional) Permit/deny
proto	(Optional) A protocol number
TABLE_seqno	(Optional)
proto_str	(Optional) Protocol name

ip	(Optional) IP
ipv6	(Optional) IPV6
src_any	(Optional) SRCAny
dest_any	(Optional) DESTAny
src_ip_prefix	(Optional) Source IP prefix
src_ip_addr	(Optional) Source IP address
src_ip_mask	(Optional) Source IP mask
mac_src	(Optional) Source MAC address
mac_src_wild	(Optional) Source MAC mask
dest_ip_prefix	(Optional) Destination IP prefix
dest_ip_addr	(Optional) Destination IP address
dest_ip_mask	(Optional) Destination IP mask
mac_dest	(Optional) Destination MAC address
mac_dest_wild	(Optional) Destination MAC mask
src_port_op	(Optional) Source Port operator
dest_port_op	(Optional) Destination Port operator
src_port1_str	(Optional) Source port name
src_port1_num	(Optional) Source port number
src_port2_str	(Optional) Source port name
src_port2_num	(Optional) Source port number
dest_port1_str	(Optional) Destination port name
dest_port1_num	(Optional) Destination port number
dest_port2_str	(Optional) Destination port name
dest_port2_num	(Optional) Destination port number
icmp_type	(Optional) ICMP type
icmp_code	(Optional) ICMP code
icmp_str	(Optional) ICMP message
icmpv6_type	(Optional) ICMP type
icmpv6_code	(Optional) ICMP code

icmpv6_str	(Optional) ICMP message
igmp_type	(Optional) IGMP type
igmp_type_str	(Optional) IGMP type String
precedence	(Optional) precedence
precedence_str	(Optional) precedence string
tos	(Optional) tos
tos_str	(Optional) tos string
dscp	(Optional) dscp
dscp_mask	(Optional) dscp mask
dscp_str	(Optional) dscp string
udfs	(Optional) udfs string
ttl	(Optional) ttl
capture_session	(Optional) capture session
log	(Optional) Log
telemetry_queue	(Optional) telemetry_queue
telemetry_path	(Optional) telemetry_path
fragments	(Optional) Fragments
urg	(Optional) URG
ack	(Optional) ACK
psh	(Optional) PSH
rst	(Optional) RST
syn	(Optional) SYN
fin	(Optional) FIN
established	(Optional) ESTABLISHED
http-method	(Optional) http-method
http_opt_str	(Optional) http_option string
tcp-option-length	(Optional) TCP Option size
tcp-flags-mask	(Optional) TCP Flags mask
flow_label	(Optional) IPv6 flow label

timerange	(Optional) Time-range
eth_proto	(Optional) MAC protocol number
eth_proto_str	(Optional) MAC protocol name
vlan	(Optional) VLAN number
cos	(Optional) CoS value
match_count	(Optional) Number of packets matching the ACL
TABLE_match	(Optional)
module	(Optional) Module name
module_match_count	(Optional) Number of packets matching the ACL
nve_vni	(Optional) nve vni
remark	(Optional) Remark String
src_addrgrp	(Optional) Source address group
dest_addrgrp	(Optional) Destination address group
src_portgrp	(Optional) Source port group
dest_portgrp	(Optional) Destination port group
plen_op	(Optional) Source Port operator
plen1	(Optional) Packet length minimum
plen2	(Optional) packet length maximum
label1	(Optional) mpls label one
label2	(Optional) mpls label two
label3	(Optional) mpls label three
label4	(Optional) mpls label four
action	(Optional) Action
actionid	(Optional) redirect: Ethernet1/1,port-channel1 set-erspan-dscp: <1-63> set-erspan-gre-proto: <1-65535> redirect_all: Ethernet1/1,port-channel1

Command Mode

- /exec

show vlan access-map

show vlan access-map [<name>] [__readonly__ [TABLE_vacl <vacl_name> [TABLE_seqno [<seqno>] [<ip_ipv6_mac> { <match_name> } + [<action_drop>] [<action_log>] [<action_telemetry_queue>] [<action_telemetry_path>] [<action_fwd>] [<action_capture>] [<action_redirect> <intf>]] [<statistics>]]]]

Syntax Description

show	Show running system information
vlan	VLAN status
access-map	List VLAN access maps
name	(Optional) List name
vacl_name	(Optional) List name
__readonly__	(Optional)
seqno	(Optional) Sequence number
TABLE_vacl	(Optional)
TABLE_seqno	(Optional)
ip_ipv6_mac	(Optional) IP/iIPV6/MAC
match_name	(Optional) Access list name
action_drop	(Optional) DROP
action_log	(Optional) LOG
action_telemetry_queue	(Optional) telemetry_queue
action_telemetry_path	(Optional) telemetry_path
action_fwd	(Optional) FWD
action_capture	(Optional) CAPTURE
action_redirect	(Optional) REDIRECT
intf	(Optional) Interface traffic is redirected to
statistics	(Optional) STATISTICS

Command Mode

- /exec

show vlan all-ports

show vlan all-ports [__readonly__ <vlanshowbr-hdr> { TABLE_vlanbriefallports <vlanshowbr-vlanid> <vlanshowbr-vlanid-utf> <vlanshowbr-vlanname> <vlanshowbr-vlanstate> <vlanshowbr-shutstate> [<vlanshowplist-ifidx> +] } <show-end> [<true-end>]]

Syntax Description

show	Show running system information
vlan	VLAN status
all-ports	Show all ports on VLAN
__readonly__	(Optional) Read Only
TABLE_vlanbriefallports	(Optional) VLAN brief table format
vlanshowbr-hdr	(Optional) VLAN brief header
vlanshowbr-vlanid	(Optional) VLAN brief VLAN ID
vlanshowbr-vlanid-utf	(Optional) VLAN brief VLAN ID
vlanshowbr-vlanname	(Optional) VLAN brief VLAN name
vlanshowbr-vlanstate	(Optional) VLAN brief VLAN state
vlanshowbr-shutstate	(Optional) VLAN brief shutdown state
vlanshowplist-ifidx	(Optional) Port list ifindex
show-end	(Optional) Show vlan end marker
true-end	(Optional) Show vlan end marker

Command Mode

- /exec

show vlan counters

show vlan counters [__readonly__ { TABLE_vlancounters <vlanshowbr-vlanid> [<l2_ing_ucast_b>] [<l2_ing_ucast_p>] [<l2_ing_mcast_b>] [<l2_ing_mcast_p>] [<l2_ing_bcast_b>] [<l2_ing_bcast_p>] [<l2_egr_ucast_b>] [<l2_egr_ucast_p>] [<l3_ucast_rcv_b>] [<l3_ucast_rcv_p>] [<total_rcv_b>] [<total_rcv_p>] [<total_sent_b>] [<total_sent_p>] }]

Syntax Description

show	Show running system information
vlan	Vlan commands
counters	display counters
__readonly__	(Optional) Read Only
TABLE_vlancounters	(Optional) vlan counters table format
vlanshowbr-vlanid	(Optional) VLAN brief VLAN ID
l2_ing_ucast_b	(Optional) L2 Ingress unicast octets
l2_ing_ucast_p	(Optional) L2 Ingress unicast packets
l2_ing_mcast_b	(Optional) L2 Ingress multicast octets
l2_ing_mcast_p	(Optional) L2 Ingress multicast packets
l2_ing_bcast_b	(Optional) L2 Ingress broadcast octets
l2_ing_bcast_p	(Optional) L2 Ingress broadcast packets
l2_egr_ucast_b	(Optional) L2 Egress unicast octets
l2_egr_ucast_p	(Optional) L2 Egress unicast packets
l3_ucast_rcv_b	(Optional) L3 unicast octets in
l3_ucast_rcv_p	(Optional) L3 unicast packets in
total_rcv_b	(Optional) Total octets in
total_rcv_p	(Optional) Total packets in
total_sent_b	(Optional) Total octets out
total_sent_p	(Optional) Total packets out

Command Mode

- /exec

show vlan dot1Q tag native

show vlan dot1Q tag native [__readonly__ <tag_native_mode>]

Syntax Description

show	Show running system information
vlan	VTP VLAN status
dot1Q	Display dot1q parameters
tag	Display tag parameters
native	Display native vlan tagging
__readonly__	(Optional) Read Only
tag_native_mode	(Optional) Native vlan tagging mode

Command Mode

- /exec

show vlan fcoe

show vlan fcoe [<vlan-id>] [__readonly__ { TABLE_assoc <orig-id> <tran-id> <assoc-state> }]

Syntax Description

show	Show running system information
fcoe	FCOE Congiguration
vlan	Original VLAN Status
__readonly__	(Optional) Read Only
TABLE_assoc	(Optional) Association Table Format
vlan-id	(Optional) VLAN ID <1-4094>
orig-id	(Optional) Enter original VLAN-ID being associated with translated ID
tran-id	(Optional) Enter VSAN-ID being associated with VLAN-ID
assoc-state	(Optional) Show Association Status

Command Mode

- /exec

show vlan filter

show vlan filter [access-map <name> | vlan <vlan>] [__readonly__ TABLE_vlan_filter <vacl_name> <configured_vlans>]

Syntax Description

show	Show running system information
vlan	VLAN status
filter	Information about VLAN filters
access-map	(Optional) Show the VLANs where an access-map is applied
name	(Optional) List name
vlan	(Optional) Show the access-map applied to a VLAN
vlan	(Optional) VLAN number
__readonly__	(Optional)
TABLE_vlan_filter	(Optional)
vacl_name	(Optional) List name
configured_vlans	(Optional) VLAN numbers

Command Mode

- /exec

show vlan id

show vlan id <vlan-id> [__readonly__ <vlanshowbr-hdr> { TABLE_vlanbriefid <vlanshowbr-vlanid> <vlanshowbr-vlanid-utf> <vlanshowbr-vlanname> <vlanshowbr-vlanstate> <vlanshowbr-shutstate> [<vlanshowplist-ifidx> +] } <vlanshowinfo-mtu-hdr> { TABLE_mtuinfoid <vlanshowinfo-vlanid> <vlanshowinfo-media-type> <vlanshowinfo-vlanmode> } [<vlanshow-vlanerrbitmap>] [<vlanshowrspan-hdr1>] [<vlanshowrspan-vlantype>] [<vlanshowrspan-hdr2>] [<vlanshowrspan-vlanbitmap>] [<pvlan-hdr>] [<pvlan-id-section>] [<pvlan-stby>] [<is-vtp-manageable>] [<is-internal>] [<is-reserved>] [<is-rspan>] [<is-dynamic-gvrp>] <show-end> [<true-end>]]

Syntax Description

show	Show running system information
vlan	VLAN status
id	VLAN status by VLAN id
vlan-id	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19
__readonly__	(Optional) Read Only
TABLE_vlanbriefid	(Optional) VLAN brief table format
TABLE_mtuinfoid	(Optional) MTU information table format
vlanshowbr-hdr	(Optional) VLAN brief header
vlanshowbr-vlanid	(Optional) VLAN brief VLAN ID
vlanshowbr-vlanid-utf	(Optional) VLAN brief VLAN ID
vlanshowbr-vlanname	(Optional) VLAN brief VLAN name
vlanshowbr-vlanstate	(Optional) VLAN brief VLAN state
vlanshowbr-shutstate	(Optional) VLAN brief shutdown state
vlanshowplist-ifidx	(Optional) Port list ifindex
vlanshowinfo-mtu-hdr	(Optional) Vlan info mtu header
vlanshowinfo-vlanid	(Optional) Vlan info VLAN ID
vlanshowinfo-media-type	(Optional) Select media type
vlanshowinfo-vlanmode	(Optional) VLAN brief VLAN mode
vlanshow-vlanerrbitmap	(Optional) VLAN error bitmap
vlanshowrspan-hdr1	(Optional) RSPAN VLAN header for one VLAN
vlanshowrspan-hdr2	(Optional) RSPAN VLAN header for multiple VLANs
vlanshowrspan-vlantype	(Optional) RSPAN VLAN one VLAN rspan or non-rspan

vlanshowrspan-vlanbitmap	(Optional) RSPAN VLAN multiple VLANs
show-end	(Optional) Show vlan end marker
true-end	(Optional) Show vlan end marker
pvlan-hdr	(Optional) private vlan section
pvlan-id-section	(Optional) private id vlan section
pvlan-stby	(Optional) private vlan section on standby
is-vtp-manageable	(Optional) VTP Manageable VLAN flag
is-internal	(Optional) Internal VLAN flag
is-reserved	(Optional) Reserved VLAN flag
is-rspan	(Optional) RSPAN VLAN flag
is-dynamic-gvrp	(Optional) Dynamic GVRP VLAN flag

Command Mode

- /exec

show vlan id counters

show vlan id <vlan-id> counters [__readonly__ { TABLE_vlancounters <vlanshowbr-vlanid> [<l2_ing_ucast_b>] [<l2_ing_ucast_p>] [<l2_ing_mcast_b>] [<l2_ing_mcast_p>] [<l2_ing_bcast_b>] [<l2_ing_bcast_p>] [<l2_egr_ucast_b>] [<l2_egr_ucast_p>] [<l3_ucast_rcv_b>] [<l3_ucast_rcv_p>] [<total_rcv_b>] [<total_rcv_p>] [<total_sent_b>] [<total_sent_p>] }]

Syntax Description

show	Show running system information
vlan	Vlan commands
id	VLAN status by VLAN id
counters	display counters
vlan-id	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19
__readonly__	(Optional) Read Only
TABLE_vlancounters	(Optional) vlan counters table format
vlanshowbr-vlanid	(Optional) VLAN brief VLAN ID
l2_ing_ucast_b	(Optional) L2 Ingress unicast octets
l2_ing_ucast_p	(Optional) L2 Ingress unicast packets
l2_ing_mcast_b	(Optional) L2 Ingress multicast octets
l2_ing_mcast_p	(Optional) L2 Ingress multicast packets
l2_ing_bcast_b	(Optional) L2 Ingress broadcast octets
l2_ing_bcast_p	(Optional) L2 Ingress broadcast packets
l2_egr_ucast_b	(Optional) L2 Egress unicast octets
l2_egr_ucast_p	(Optional) L2 Egress unicast packets
l3_ucast_rcv_b	(Optional) L3 unicast octets in
l3_ucast_rcv_p	(Optional) L3 unicast packets in
total_rcv_b	(Optional) Total octets in
total_rcv_p	(Optional) Total packets in
total_sent_b	(Optional) Total octets out
total_sent_p	(Optional) Total packets out

Command Mode

- /exec

show vlan id vn-segment

show vlan id <vlan-id> vn-segment [__readonly__ <vlanshowinfo-segid-hdr> { TABLE_seginfoid <vlanshowinfo-seg-vlanid> <vlanshowinfo-segment-id> } <show-end> [<true-end>]]

Syntax Description

show	Show running system information
vlan	VLAN status
id	VLAN status by VLAN id
vn-segment	Show vn-segment mapping
vlan-id	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19
__readonly__	(Optional) Read Only
TABLE_seginfoid	(Optional) Segment id information table format
vlanshowinfo-segid-hdr	(Optional) Vlan info segment id header
vlanshowinfo-seg-vlanid	(Optional) Vlan info VLAN ID
vlanshowinfo-segment-id	(Optional) Vlan info SEGMENT ID
show-end	(Optional) Show vlan end marker
true-end	(Optional) Show vlan end marker

Command Mode

- /exec

show vlan name

show vlan name <vname> [__readonly__ <vlanshowbr-hdr> { TABLE_vlanbriefname <vlanshowbr-vlanid> <vlanshowbr-vlanid-utf> <vlanshowbr-vlanname> <vlanshowbr-vlanstate> <vlanshowbr-shutstate> [<vlanshowplist-ifidx> +] } <vlanshowinfo-mtu-hdr> { TABLE_mtuinfoname <vlanshowinfo-vlanid> <vlanshowinfo-media-type> <vlanshowinfo-vlanmode> } [<vlanshowrspan-hdr1>] [<vlanshowrspan-vlantype>] [<vlanshowrspan-hdr2>] [<vlanshowrspan-vlanbitmap>] <show-end> [<true-end>]]

Syntax Description

show	Show running system information
vlan	VLAN status
name	VLAN status by VLAN name
vname	A vlan name with size 32 (128 if long vlan name enabled)
__readonly__	(Optional) Read Only
TABLE_vlanbriefname	(Optional) VLAN brief table format
TABLE_mtuinfoname	(Optional) MTU information table format
vlanshowbr-hdr	(Optional) VLAN brief header
vlanshowbr-vlanid	(Optional) VLAN brief VLAN ID
vlanshowbr-vlanid-utf	(Optional) VLAN brief VLAN ID
vlanshowbr-vlanname	(Optional) VLAN brief VLAN name
vlanshowbr-vlanstate	(Optional) VLAN brief VLAN state
vlanshowbr-shutstate	(Optional) VLAN brief shutdown state
vlanshowplist-ifidx	(Optional) Port list ifindex
vlanshowinfo-mtu-hdr	(Optional) Vlan info mtu header
vlanshowinfo-vlanid	(Optional) Vlan info VLAN ID
vlanshowinfo-media-type	(Optional) Select media type
vlanshowinfo-vlanmode	(Optional) VLAN brief VLAN mode
vlanshowrspan-hdr1	(Optional) RSPAN VLAN header for one VLAN
vlanshowrspan-hdr2	(Optional) RSPAN VLAN header for multiple VLANs
vlanshowrspan-vlantype	(Optional) RSPAN VLAN one VLAN rspan or non-rspan
vlanshowrspan-vlanbitmap	(Optional) RSPAN VLAN multiple VLANs

show-end	(Optional) Show vlan end marker
true-end	(Optional) Show vlan end marker

Command Mode

- /exec

show vlan private-vlan

show vlan [id <vlan-id>] private-vlan [__readonly__ [{ TABLE_pvlan_primary <vlan-key> [<primary>] [<secondary>] <pvlan-type> [<ports> +] }]]

Syntax Description

show	Show running system information
vlan	VLAN status
id	(Optional) VLAN status by VLAN id
vlan-id	(Optional) VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19
private-vlan	Private VLAN information
__readonly__	(Optional) Read Only
TABLE_pvlan_primary	(Optional) Pvlan primary vlan table
vlan-key	(Optional) Vlan key
primary	(Optional) Primary VLAN
secondary	(Optional) Secondary VLAN
pvlan-type	(Optional) PVLAN Type
ports	(Optional) Port list

Command Mode

- /exec

show vlan private-vlan type

show vlan [id <vlan-id>] private-vlan type [__readonly__ [{ TABLE_pvlantype <vlan-num> <pvlan-type> }]]

Syntax Description

show	Show running system information
vlan	VLAN status
id	(Optional) VLAN status by VLAN id
vlan-id	(Optional) VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19
private-vlan	Private VLAN information
type	Private VLAN type information
__readonly__	(Optional) Read Only
TABLE_pvlantype	(Optional) Pvlan type table
vlan-num	(Optional) vlan
pvlan-type	(Optional) PVLAN Type

Command Mode

- /exec

show vlan xbrief

show vlan xbrief [controller | cli] [__readonly__ <vlanshowbr-hdr> { TABLE_vlanbriefxbrief <vlanshowbr-vlanid> <vlanshowbr-vlanid-utf> <vlanshowbr-vlanname> <vlanshowbr-vlanstate> <vlanshowbr-shutstate> [<vlanshowplist-ifidx> +] } <show-end> [<true-end>]]

Syntax Description

show	Show running system information
vlan	VLAN status
xbrief	All VLAN status in brief
controller	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
cli	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
__readonly__	(Optional) Read Only
TABLE_vlanbriefxbrief	(Optional) VLAN brief table format
vlanshowbr-hdr	(Optional) VLAN brief header
vlanshowbr-vlanid	(Optional) VLAN brief VLAN ID
vlanshowbr-vlanid-utf	(Optional) VLAN brief VLAN ID
vlanshowbr-vlanname	(Optional) VLAN brief VLAN name
vlanshowbr-vlanstate	(Optional) VLAN brief VLAN state
vlanshowbr-shutstate	(Optional) VLAN brief shutdown state
vlanshowplist-ifidx	(Optional) Port list ifindex
show-end	(Optional) Show vlan end marker
true-end	(Optional) Show vlan end marker

Command Mode

- /exec

show vlan xsummary

show vlan xsummary [__readonly__ <vlansum-all-vlan> <vlansum-vtp-vlan> <vlansum-ext-vlan> <vlansum-max-supported-vlan> <vlansum-carved-vlan> <show-end> [<true-end>]]

Syntax Description

show	Show running system information
vlan	VLAN status
xsummary	VLAN summary information
__readonly__	(Optional) Read Only
vlansum-all-vlan	(Optional) Show vlan summary Total
vlansum-vtp-vlan	(Optional) Show vlan summary Number of normal vlans
vlansum-ext-vlan	(Optional) Show vlan summary Number of extended vlans
vlansum-max-supported-vlan	(Optional) Show vlan summary Max supported vlans
vlansum-carved-vlan	(Optional) Show vlan summary Number of carved sdn vlans
show-end	(Optional) Show vlan end marker
true-end	(Optional) Show vlan end marker

Command Mode

- /exec

show vmtracker

show vmtracker [connection <conn_name>] { { info { { [interface <intf_id>] { summary | detail | host | vm | port-group } } | { vxlan-segment | vxlan-vms } } } | event-history } [__readonly__ [TABLE_info <intf_name> <host_or_ip> <vmnic> <vm_name> <vm_state> <port_group> <pg_type> <vlan_range> <virt_wire_name> <multicast_ip> <vdn_id> <vtep_ip> <event_time> <event_msg>] [TABLE_evt <event_id> <event_time> <event_msg>]]

Syntax Description

__readonly__	(Optional)
TABLE_info	(Optional)
intf_name	(Optional)
host_or_ip	(Optional)
vmnic	(Optional)
vm_name	(Optional)
vm_state	(Optional)
port_group	(Optional)
pg_type	(Optional)
vlan_range	(Optional)
virt_wire_name	(Optional)
multicast_ip	(Optional)
vdn_id	(Optional)
vtep_ip	(Optional)
event_time	(Optional)
event_msg	(Optional)
TABLE_evt	(Optional)
event_id	(Optional)
event_time	(Optional)
event_msg	(Optional)
show	Show running system information
vmtracker	Show vmtracker info
connection	(Optional) Show vmtracker configured connections

conn_name	(Optional) Show vmtracker Connection name
info	Display vmtracker information
interface	(Optional) Display vmtracker interface information
intf_id	(Optional) Interface name to display
summary	Display a summary of vmtracker information
detail	Display vmtracker information details
host	Display vmtracker host information
vm	Display vmtracker related Virtual Machine information
port-group	Display vmtracker related port-group information
vxlan-segment	Print all segment info
vxlan-vms	Print all vm info
event-history	Display vmtracker related event-history

Command Mode

- /exec

show vmtracker certificate

show vmtracker certificate [__readonly__ TABLE_cert <certificate>]

Syntax Description

__readonly__	(Optional)
TABLE_cert	(Optional) The entire certificate, line by line
certificate	(Optional) A line of the certificate in xml
show	Show running system information
vmtracker	VMTRACKER commands
certificate	Show the default certificate used

Command Mode

- /exec

show vmtracker fabric auto-config

show vmtracker fabric auto-config [interface <intf_id>] [vlan <vlan_id>] [status { success | pending | failure | skipped }] [__readonly__ { <oper_status> } [TABLE_autoconfig <interface_name> <port_group_name> <vlan_range> <config_status>]]

Syntax Description

__readonly__	(Optional)
oper_status	(Optional) fabric auto-config enabled or disabled
TABLE_autoconfig	(Optional)
interface_name	(Optional) interface to the UCS
port_group_name	(Optional) port-channel of this interface
vlan_range	(Optional) vlans learned
config_status	(Optional) status of auto-config over this interface
show	Show running system information
vmtracker	VMTRACKER commands
fabric	VM Tracker Fabric paramters
auto-config	VM Tracker Fabric AutoConfiguration
interface	(Optional) Display vmtracker interface information
intf_id	(Optional) Interface name to display
vlan	(Optional) vlan to display
vlan_id	(Optional) VLAN ID 1-4094 or range(s) like: 1-5, 10 or 2-5,7-19
status	(Optional) Auto-config status
success	(Optional) Success
pending	(Optional) Pending
failure	(Optional) Failure
skipped	(Optional) Skipped

Command Mode

- /exec

show vmtracker status

show vmtracker [connection <conn_name>] status [__readonly__ { TABLE_connection <name> <host_or_ip> <conn_status> }]

Syntax Description

__readonly__	(Optional)
TABLE_connection	(Optional)
name	(Optional)
host_or_ip	(Optional)
conn_status	(Optional)
show	Show running system information
vmtracker	Show vmtracker info
connection	(Optional) Show vmtracker configured connections
conn_name	(Optional) Show vmtracker Connection name
status	Show vmtracker connection status

Command Mode

- /exec

show vpc

show vpc [brief] [__readonly__ <vpc-domain-id> [<vpc-l2mp-switch-id>] <vpc-peer-status> <vpc-peer-status-reason> <vpc-peer-keepalive-status> [<vpc-peer-l2mp-status>] <vpc-peer-consistency> { [<vpc-peer-consistency-reason>] [<vpc-per-vlan-peer-consistency>] <vpc-peer-consistency-status> } <vpc-type-2-consistency> { [<vpc-type-2-consistency-reason>] <vpc-type-2-consistency-status> } <vpc-role> <num-of-vpcs> [<track-obj>] [<peer-gateway>] [<peer-gateway-excluded-vlans>] <dual-active-excluded-vlans> <vpc-graceful-consistency-check-status> [<vpc-auto-recovery-status>] [<vpc-delay-restore-status>] [<vpc-delay-restore-svi-status>] [<vpc-delay-restore-orphan-port-status>] [<vpc-delay-peer-link-status>] <operational-l3-peer> [<vpc-scale-high-status>] [<fp-enhanced-load-balancing>] [<vpc-per-vlan-peer-consistency>] [<virtual-peerlink>] [<vpc-peer-link-hdr> [{ TABLE_peerlink <peer-link-id> <peerlink-ifindex> <peer-link-port-state> <peer-up-vlan-bitset> }] <vpc-end>] [<vpc-hdr> [<vpc-is-es>] [<vpc-not-es>] [{ TABLE_vpc <vpc-id> <vpc-ifindex> <vpc-port-state> <phy-port-if-removed><vpc-thru-peerlink> <vpc-consistency> { [<vpc-consistency-reason>] [<vpc-consistency-status>] } <up-vlan-bitset> <es-attr> }] <vpc-end>]]

Syntax Description

vpc	Virtual Port Channel configuration
brief	(Optional) Brief display of vPC status
__readonly__	(Optional) Read Only
TABLE_peerlink	(Optional) vPC peerlink table
TABLE_vpc	(Optional) vPC table
vpc-domain-id	(Optional) vPC domain id
vpc-l2mp-switch-id	(Optional) vPC+ switch ID
vpc-peer-status	(Optional) vPC peer status
vpc-peer-status-reason	(Optional) vPC peer status reason
vpc-peer-keepalive-status	(Optional) vpc peer keepalive status
vpc-peer-l2mp-status	(Optional) vPC fabricpath status
vpc-role	(Optional) vPC role
peer-gateway	(Optional) Peer gateway status
peer-gateway-excluded-vlans	(Optional) peer-gateway excluded VLANs
dual-active-excluded-vlans	(Optional) dual-active excluded VLANs
fp-enhanced-load-balancing	(Optional) Fabricpath enhanced load balancing status
num-of-vpcs	(Optional) Number of vPCs configured
track-obj	(Optional) Track object for vPC

vpc-graceful-consistency-check-status	(Optional) vPC graceful consistency check
vpc-consistency	(Optional) vPC global configuration consistency
vpc-consistency-reason	(Optional) vPC consistency reason
vpc-consistency-status	(Optional) vPC consistency reason
vpc-peer-consistency	(Optional) vPC global configuration consistency
vpc-peer-consistency-reason	(Optional) vPC consistency reason
vpc-peer-consistency-status	(Optional) vPC consistency reason
vpc-per-vlan-peer-consistency	(Optional) vPC per-vlan global configuration consistency
vpc-type-2-consistency	(Optional) vPC type-2 configuration consistency status
vpc-type-2-consistency-reason	(Optional) vPC type-2 configuration consistency reason
vpc-type-2-consistency-status	(Optional) vPC type-2 configuration consistency status
operational-l3-peer	(Optional) Operational Layer 3 peer status
virtual-peerlink	(Optional) Virtual peerlink status
vpc-scale-high-status	(Optional) vPC scale high status
vpc-hdr	(Optional) Start of vPC table
vpc-is-es	(Optional) Flag to indicate vPC+ complex
vpc-not-es	(Optional) Flag to indicate vPC complex
vpc-peer-link-hdr	(Optional) Start of vPC peer-link table
vpc-port-state	(Optional) vPC port state
vpc-end	(Optional) End of table
vpc-id	(Optional) vPC id
vpc-ifindex	(Optional) vPC ifindex
peer-link-id	(Optional) peer link id
peerlink-ifindex	(Optional) peer link ifindex
peer-link-port-state	(Optional) peer-link port state
peer-up-vlan-bitset	(Optional) peer link UP VLAN bitset
up-vlan-bitset	(Optional) vPC UP VLAN bitset
es-attr	(Optional) vPC+ attributes
vpc-auto-recovery-status	(Optional) Auto-recovery status

vpc-delay-restore-status	(Optional) Delay-resotre status
vpc-delay-restore-svi-status	(Optional) Delay-restore-svi status
vpc-delay-restore-orphan-port-status	(Optional) Delay-restore-orphan-port status
vpc-delay-peer-link-status	(Optional) Delay-peer-link status

Command Mode

- /exec

show vpc

show vpc { <vpc-number> | brief vpc <vpc-number> } [__readonly__ [<vpc-hdr>] [<vpc-is-es>] [<vpc-not-es>] [TABLE_vpc <vpc-id> <vpc-ifindex> <vpc-port-state> <phy-port-if-removed><vpc-thru-peerlink> <vpc-consistency> { [<vpc-consistency-reason>] [<vpc-consistency-status>] } <up-vlan-bitset> <es-attr>] <vpc-end>]

Syntax Description

vpc	Virtual Port Channel configuration
brief	Brief display of vPC status
vpc-number	Enter a Virtual Port Channel number
__readonly__	(Optional) Read Only
vpc-hdr	(Optional) Start of vPC table
vpc-is-es	(Optional) Flag to indicate vPC+ complex
vpc-not-es	(Optional) Flag to indicate vPC complex
TABLE_vpc	(Optional) vPC table
vpc-id	(Optional) vPC id
vpc-ifindex	(Optional) vPC ifindex
vpc-port-state	(Optional) vPC port state
vpc-consistency	(Optional) vPC global configuration consistency
vpc-consistency-reason	(Optional) vPC consistency reason
vpc-consistency-status	(Optional) vPC consistency reason
up-vlan-bitset	(Optional) vPC UP VLAN bitset
es-attr	(Optional) vPC+ attributes
vpc-end	(Optional) End of table

Command Mode

- /exec

show vpc consistency-parameters

show vpc consistency-parameters { global | vni | interface <if> | vpc <vpc-num> } [__readonly__ TABLE_vpc_consistency <vpc-param-name> <vpc-param-type> <vpc-param-local-val> <vpc-param-peer-val>]

Syntax Description

vpc	Virtual Port Channel configuration
consistency-parameters	Show vPC Consistency Parameters
global	Global Parameters
vni	Show vPC Consistency Parameters vni
if	
vpc-num	Enter a Virtual Port Channel number
__readonly__	(Optional) Read Only
TABLE_vpc_consistency	(Optional) vPC table
vpc-param-name	(Optional)
vpc-param-type	(Optional)
vpc-param-local-val	(Optional)
vpc-param-peer-val	(Optional)

Command Mode

- /exec

show vpc consistency-parameters vlans

show vpc consistency-parameters vlans [vnseg] [__readonly__ TABLE_vpc_consistency <vpc-param-name> <vpc-param-type> [<reason_code>] [<syserr>] <vpc-pass-vlans> [<reason_code>]]

Syntax Description

vpc	Virtual Port Channel configuration
consistency-parameters	Show vPC Consistency Parameters
vlans	vlans
vnseg	(Optional) Display vlan to vn-segment map
__readonly__	(Optional) Read Only
TABLE_vpc_consistency	(Optional) vPC table
vpc-param-name	(Optional)
vpc-param-type	(Optional)
vpc-pass-vlans	(Optional)
syserr	(Optional) vPC consistency reason
reason_code	(Optional) vPC consistency reason

Command Mode

- /exec

show vpc fabric-ports

show vpc fabric-ports [__readonly__ [{ TABLE_fabric_ports <vpc-fabric-ports> }]]

Syntax Description

vpc	Virtual Port Channel configuration
fabric-ports	Show ports that are part of uplink virtual-peerlink
__readonly__	(Optional) Read Only
TABLE_fabric_ports	(Optional) vPC fabric ports table
vpc-fabric-ports	(Optional) description of the port

Command Mode

- /exec

show vpc orphan-ports

show vpc orphan-ports [__readonly__ [{ TABLE_orphan_ports <vpc-vlan> <vpc-orphan-ports> }]]

Syntax Description

vpc	Virtual Port Channel configuration
orphan-ports	Show ports that are not part of vPC but have common VLANs
__readonly__	(Optional) Read Only
TABLE_orphan_ports	(Optional) vPC orphan ports table
vpc-vlan	(Optional) port vlan
vpc-orphan-ports	(Optional) description of the port

Command Mode

- /exec

show vpc peer-keepalive

show vpc peer-keepalive [__readonly__ <vpc-peer-keepalive-status> <vpc-keepalive-dest> <vpc-keepalive-send-interface> <vpc-keepalive-receive-interface> <vpc-keepalive-send-tstamp> <vpc-keepalive-receive-tstamp> <vpc-peer-keepalive-up-time> <vpc-keepalive-send-status> <vpc-keepalive-receive-status> <vpc-keepalive-lastupdate> [<vpc-keepalive-dest>] <vpc-keepalive-interval> <vpc-keepalive-timeout> <vpc-keepalive-hold-timeout> <vpc-keepalive-vrf> <vpc-keepalive-udp-port> <vpc-keepalive-tos>]

Syntax Description

vpc	Virtual Port Channel configuration
peer-keepalive	vPC keepalive status
__readonly__	(Optional) Read Only
vpc-peer-keepalive-status	(Optional) vpc peer keepalive status
vpc-keepalive-dest	(Optional) vPC keepalive destination ip address
vpc-keepalive-send-status	(Optional) vPC keepalive send status
vpc-keepalive-receive-status	(Optional) vPC keepalive receive status
vpc-peer-keepalive-up-time	(Optional) keepalive- alive time
vpc-keepalive-send-tstamp	(Optional) vPC keepalive last send timestamp
vpc-keepalive-send-interface	(Optional) vPC keepalive send interface
vpc-keepalive-receive-tstamp	(Optional) vPC keepalive last receive timestamp
vpc-keepalive-receive-interface	(Optional) vPC keepalive receive interface
vpc-keepalive-lastupdate	(Optional) vPC keepalive last update from peer
vpc-keepalive-interval	(Optional) vPC keepalive timeout
vpc-keepalive-timeout	(Optional) vPC keepalive interval
vpc-keepalive-hold-timeout	(Optional) hold timeout
vpc-keepalive-vrf	(Optional) vrf name
vpc-keepalive-udp-port	(Optional) udp port
vpc-keepalive-tos	(Optional) tos value

Command Mode

- /exec

show vpc role

show vpc role [__readonly__ <vpc-peer-status> <vpc-peer-status-reason> [<vpc-current-role>] [<vpc-es-current-role>] <dual-active-detected> <vpc-system-mac> <vpc-system-prio> <vpc-local-system-mac> <vpc-local-system-prio><vpc-local-role-prio> <vpc-peer-system-mac> <vpc-peer-system-prio><vpc-peer-role-prio>]

Syntax Description

vpc	Virtual Port Channel configuration
role	vPC role status
__readonly__	(Optional) Read Only
vpc-peer-status	(Optional) vPC peer status
vpc-peer-status-reason	(Optional) vPC peer status reason
vpc-current-role	(Optional) vPC role
vpc-es-current-role	(Optional) vPC role
dual-active-detected	(Optional) Dual active detection status
vpc-system-mac	(Optional) vPC system mac
vpc-local-system-mac	(Optional) vPC local system mac
vpc-peer-system-mac	(Optional) vPC peer system mac
vpc-system-prio	(Optional) vPC system priority

Command Mode

- /exec

show vpc statistics peer-keepalive

show vpc statistics peer-keepalive [__readonly__ <vpc-peer-keepalive-status> <vpc-keepalive-counters-tx> <vpc-keepalive-counters-rx> <vpc-keepalive-avg-rx-interval> <vpc-keepalive-peer-state-changes>]

Syntax Description

vpc	Virtual Port Channel configuration
statistics	Statistics
peer-keepalive	peer keepalive module related statistics
__readonly__	(Optional) Read Only
vpc-peer-keepalive-status	(Optional) vpc peer keepalive status
vpc-keepalive-counters-tx	(Optional) tx counters
vpc-keepalive-counters-rx	(Optional) rx counters
vpc-keepalive-avg-rx-interval	(Optional) avg rx interval in ms
vpc-keepalive-peer-state-changes	(Optional) peer state changes

Command Mode

- /exec

show vpc statistics vpc

show vpc statistics { vpc <vpc_num> | peer-link }

Syntax Description

vpc	Virtual Port Channel configuration
statistics	Statistics
vpc_num	Virtual Port Channel number
peer-link	stats for peer-link

Command Mode

- /exec

show vpc virtual-peerlink dest reachable

show vpc virtual-peerlink dest reachable

Syntax Description

show	Show running system information
vpc	vPC related information
virtual-peerlink	virtual-peerlink Related show commands
dest	dest info
reachable	dest reachability

Command Mode

- /exec

show vpc virtual-peerlink vlan consistency

show vpc virtual-peerlink vlan consistency

Syntax Description

show	Show running system information
vpc	vPC related information
virtual-peerlink	virtual-peerlink Related show commands
vlan	vlan info for vPC
consistency	vlan vni consistency

Command Mode

- /exec

show vrf

show vrf [<vrf-name> | <vrf-known-name> | all]

Syntax Description

show	Show running system information
vrf	Display VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display VRF information for all VRFs

Command Mode

- /exec

show vrf

show vrf [<vrf-name> | <vrf-known-name> | all] [order id] [detail] [passive] [__readonly__ TABLE_vrf <vrf_name> <vrf_id> <vrf_state> [<vrf_reason>] [<vrf_pend>] [<vpnid> <rd> [<vni>] <max_routes> <mid_threshold>] [{ TABLE_tib <tib_id> <tib_af> <tib_nonce> <tib_state> [<tib_reason>] [<tib_pend>] }]]

Syntax Description

show	Show running system information
vrf	Display VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display VRF information for all VRFs
order	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
id	(Optional) Order by ID
detail	(Optional) Display VRF detail information
passive	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
__readonly__	(Optional)
TABLE_vrf	(Optional)
TABLE_tib	(Optional)
vrf_name	(Optional)
vrf_id	(Optional)
vrf_state	(Optional)
vrf_reason	(Optional)
vrf_pend	(Optional)
vpnid	(Optional)
rd	(Optional)
max_routes	(Optional)
mid_threshold	(Optional)
tib_id	(Optional)
tib_af	(Optional)

tib_nonce	(Optional)
tib_state	(Optional)
tib_reason	(Optional)
tib_pend	(Optional)
vni	(Optional)

Command Mode

- /exec

show vrrp

show vrrp [[summary] | { [statistics | detail] [interface <interface_id>] [vr <vr_id>] [master | backup | init] + }] [__readonly__ [[TABLE_vrrp_group <sh_if_index> <sh_group_id> <sh_group_type> <sh_group_state> <sh_group_preempt> <sh_vip_addr> { [TABLE_sec_vip_addr <sh_sec_vip_addr>] } <sh_priority> [<sh_cfg_priority> <sh_fwd_thr_lower> <sh_fwd_thr_upper>] <sh_adv_interval> [<sh_auth_text>] [<sh_vmac>] [<sh_master_router>] [<sh_native_track_intf> <sh_native_track_priotiry>] { [TABLE_vrrp_track <sh_track_object_id> <sh_decrement_priority> <sh_track_object_state>] } [<sh_bfd_status> <sh_bfd_session>]] [{ TABLE_vrrp_statistics [<if_index>] [<grp_id>] [<grp_type>] [<master_cnt>] [<adv_pkts>] [<adv_intv_mismatch>] [<auth_failure>] [<ttl_err>] [<zero_pri_adv_rcvd>] [<zero_pri_adv_sent>] [<type_fl_mismatch>] [<addr_mismatch>] [<inv_auth>] [<auth_mismatch>] [<inv_pkt_len>] }] [<total_num_of_grp>] [<init_grps>] [<backup_grps>] [<master_grps>] [<vrrp_enabled_ifs>] [<mts_rx>] [<mts_tx>] [<pkt_rx>] [<pkt_tx>]] +]

Syntax Description

show	Show running system information
vrrp	Show vrrp information
summary	(Optional) Show vrrp summary
statistics	(Optional) Show vrrp statistics
detail	(Optional) Show detailed information
interface	(Optional) Show vrrp info for the interface
interface_id	(Optional)
vr	(Optional) Show vrrp info for the group
vr_id	(Optional) [1-255] enter IPv4 vr group
master	(Optional) Groups in Master state
backup	(Optional) Groups in Backup state
init	(Optional) Groups in Init state
__readonly__	(Optional) Read only
TABLE_vrrp_group	(Optional) Group detail table
sh_if_index	(Optional) Interface type and number
sh_group_id	(Optional) Group number
sh_group_type	(Optional) Group type
sh_group_state	(Optional) VRRP group state
sh_group_preempt	(Optional) Group preemption statue

sh_vip_addr	(Optional) Virtual IP Address
TABLE_sec_vip_addr	(Optional) Secondary virtual ip address table
sh_sec_vip_addr	(Optional) Secondary virtual ip address
sh_priority	(Optional) Priority of VRRP group
sh_auth_text	(Optional) Authentication text
sh_cfg_priority	(Optional) Configured priority of VRRP group
sh_fwd_thr_lower	(Optional) Lower forwarding threshold
sh_fwd_thr_upper	(Optional) Upper forwarding threshold
sh_adv_interval	(Optional) Advertisement interval
sh_vmac	(Optional) Virtual MAC
sh_master_router	(Optional) Master router
sh_native_track_intf	(Optional) Native tracked interface
sh_native_track_priotiry	(Optional) Decrement priority for Native tracking
TABLE_vrrp_track	(Optional) VRRP tracking table
sh_track_object_id	(Optional) Object id of tracking object
sh_decrement_priority	(Optional) Decrement priority
sh_track_object_state	(Optional) Tracking object state
sh_bfd_status	(Optional) BFD status
sh_bfd_session	(Optional) BFD session status
TABLE_vrrp_statistics	(Optional) VRRP statistics table
if_index	(Optional) Interface type and number
grp_id	(Optional) Group number
grp_type	(Optional) Group type
master_cnt	(Optional) VRRP Master
adv_pkts	(Optional) Advertisement pkts
adv_intv_mismatch	(Optional) Advertisement interval mismatch
auth_failure	(Optional) Auth failure
ttl_err	(Optional) TTL error
zero_pri_adv_rcvd	(Optional) Zero pri adv received

zero_pri_adv_sent	(Optional) Zero pri adv sent
type_fl_mismatch	(Optional) Invalid type field
addr_mismatch	(Optional) Address mismatch
inv_auth	(Optional) Invalid auth type
auth_mismatch	(Optional) Authentication mismatch
inv_pkt_len	(Optional) Invalid pkt length
total_num_of_grp	(Optional) Total Number of Groups Configured
init_grps	(Optional) Init groups
backup_grps	(Optional) Backup groups
master_grps	(Optional) Master groups
vrrp_enabled_ifs	(Optional) Number of VRRP enabled interfaces
mts_rx	(Optional) Total MTS Rx
mts_tx	(Optional) Total MTS Tx
pkt_rx	(Optional) Total Pkt Rx
pkt_tx	(Optional) Total Pkt Tx

Command Mode

- /exec

show vrrp bfd-sessions

show vrrp bfd-sessions [interface <interface-id> [to <ipaddress>]] [__readonly__ TABLE_bfd_sess <interface> { <src_addr> | <src_addr_v6> } { <dst_addr> | <dst_addr_v6> } <session_state> <ref_count> <displayed_interface> { TABLE_groups <group_id> <vrrp_state> <bfd_status> <operation> <time> }]

Syntax Description

show	Show running system information
vrrp	Show vrrp information
bfd-sessions	BFD sessions
interface	(Optional) Groups on this interface
interface-id	(Optional) Interface
to	(Optional) To IP address
ipaddress	(Optional) Sessions to IP address
__readonly__	(Optional)
TABLE_bfd_sess	(Optional)
interface	(Optional) Interface
src_addr	(Optional) IPv4 Source address
dst_addr	(Optional) IPv4 Destination address
session_state	(Optional) Session state
ref_count	(Optional) Ref count
displayed_interface	(Optional) Displayed interface
TABLE_groups	(Optional)
group_id	(Optional) Group id
vrrp_state	(Optional) VRRP STATE
bfd_status	(Optional) BFD STATE
operation	(Optional) Operation
time	(Optional) Time

Command Mode

- /exec

show vrrpv3

show vrrpv3 [brief | detail | statistics] [<intf> [<group_num>]] [<opt_v4_or_v6>] [all] [__readonly__ [<global_drops>] [[{ TABLE_istats [<i_intf>] [<i_drops>] [<ttl>] [<checksum>] [<version>] [<type>] [<length>] [<badid>] [<other>] }] [{ TABLE_grp [<intf>] [<id>] [<af>] [<desc>] [<state>] [<duration>] [<vip>] [{ TABLE_sec [<addr>] [<prefix>] }] [<vmac>] [<adv>] [<owner>] [<preempt>] [<delay>] [<delay_rem>] [<priority>] [<cfg_priority>] [<m_addr>] [<m_priority>] [<m_adv>] [<m_expire>] [<down>] [<down_expire>] [<t_id>] [<t_dec_prio>] [<t_state>] [<adv_sent>] [<adv_err>] [<adv_recvd>] [<v2adv_sent>] [<v2adv_err>] [<v2adv_recvd>] [<drops>] [<incompat>] [<conflict>] [<bad_count>] [<bad_addr>] [<bad_config>] [<bad_advert>] [<bad_state>] [<bad_other>] [<init_master>] [<init_master_time>] [<init_backup>] [<init_backup_time>] [<back_master>] [<back_master_time>] [<master_back>] [<master_back_time>] [<mast_init>] [<mast_init_time>] [<back_init>] [<back_init_time>] }]] + [{ TABLE_vbrief [<intf_b>] [<id_b>] [<af_b>] [<priority_b>] [<down_b>] [<owner_b>] [<preempt_b>] [<state_b>] [<m_addr_b>] [<vip_b>] }]]

Syntax Description

show	Show running system information
vrrpv3	VRRPv3 Show commands
all	(Optional) All VRRPV3 information
brief	(Optional) Brief output
detail	(Optional) Detail output
statistics	(Optional) Statistics output
opt_v4_or_v6	(Optional) Enter ipv4 or ipv6
intf	(Optional) Interface
group_num	(Optional) Group Number
__readonly__	(Optional)
TABLE_istats	(Optional) Interface-level VRRPv3 statistics
TABLE_grp	(Optional) VRRP Groups
TABLE_sec	(Optional) Secondary Addresses
TABLE_vbrief	(Optional) VRRP Brief
global_drops	(Optional) Total dropped packets
i_intf	(Optional) Interface
i_drops	(Optional) Total dropped packets
ttl	(Optional) Invalid TTL/Hop limit
checksum	(Optional) Invalid checksum

version	(Optional) Invalid version
type	(Optional) Invalid message type
length	(Optional) Invalid length
badid	(Optional) Invalid group ID
other	(Optional) Other
intf	(Optional) Interface
id	(Optional) Group ID
af	(Optional) Address family
desc	(Optional) Description
state	(Optional) Group state
duration	(Optional) Time in current state
vip	(Optional) Primary virtual IP address
addr	(Optional) Secondary virtual IP address
prefix	(Optional) Secondary vIP prefix
vmac	(Optional) Virtual MAC address
adv	(Optional) Advertisement interval
preempt	(Optional) Preemption status
owner	(Optional) Owner mode
delay	(Optional) Preemption delay
delay_rem	(Optional) Preemption delay remaining
priority	(Optional) Priority
cfg_priority	(Optional) Configured priority
m_addr	(Optional) Group master router address
m_priority	(Optional) Group master priority
m_adv	(Optional) Master advertisement interval
m_expire	(Optional) Master expiration
down	(Optional) Master down interval
down_expire	(Optional) Master down expiration
t_id	(Optional) Tracking object ID

t_dec_prio	(Optional) Priority to decrement
t_state	(Optional) Tracking object state
adv_sent	(Optional) Advertisements sent
adv_err	(Optional) Advertisement errors
adv_recvd	(Optional) Advertisements received
v2adv_sent	(Optional) Advertisements sent (v2)
v2adv_err	(Optional) Advertisement errors (v2)
v2adv_recvd	(Optional) Advertisements received (v2)
drops	(Optional) Total dropped packets
incompat	(Optional) v2, Incompatible
conflict	(Optional) Address owner conflicts
bad_count	(Optional) Invalid address count
bad_addr	(Optional) Invalid IP address
bad_config	(Optional) Invalid IP address config
bad_advert	(Optional) Invalid advertisement interval
bad_state	(Optional) Invalid group state
bad_other	(Optional) Other
init_master	(Optional) Init to Master
init_master_time	(Optional) Last Occurrence
init_backup	(Optional) Init to Backup
init_backup_time	(Optional) Last Occurrence
back_master	(Optional) Backup to Master
back_master_time	(Optional) Last Occurrence
master_back	(Optional) Master to Backup
master_back_time	(Optional) Last Occurrence
mast_init	(Optional) Master to Init
mast_init_time	(Optional) Last Occurrence
back_init	(Optional) Backup to Init
back_init_time	(Optional) Last Occurrence

intf_b	(Optional) Interface
id_b	(Optional) Group ID
af_b	(Optional) Address family
priority_b	(Optional) Priority
down_b	(Optional) Master down interval
owner_b	(Optional) Owner mode
preempt_b	(Optional) Preemption status
state_b	(Optional) Group state
m_addr_b	(Optional) Group master router address
vip_b	(Optional) Primary virtual IP address

Command Mode

- /exec

show vrrs client

show vrrs client [<cname>] [__readonly__ { TABLE_client <name> <id> <all> <priority> { TABLE_tags <tname> } }]

Syntax Description

vrrs	VRRS Show commands
show	Show running system information
client	Information about VRRS clients
cname	(Optional) VRRS client name
__readonly__	(Optional)
TABLE_client	(Optional) VRRS clients
TABLE_tags	(Optional) VRRS tags
name	(Optional) VRRS client name
id	(Optional) VRRS client id
priority	(Optional) Priority
all	(Optional) Client follows all tags
tname	(Optional) VRRS tag name

Command Mode

- /exec

show vrrs pathway

show vrrs pathway [<intf>] [__readonly__ { TABLE_pws <name> <state> <vrrs_push_state> <vmac> <vmac_state> <vmac_dbg> [<pvmac>] [<pvmac_state>] [<pvmac_dbg>] <af> [<desc>] <opt> <eval> [{ TABLE_vips <addr> [<flags>] }] }]

Syntax Description

vrrs	VRRS Show commands
show	Show running system information
pathway	Information about VRRS pathways
intf	(Optional) Interface
__readonly__	(Optional)
TABLE_pws	(Optional) Show VRRS pathways
TABLE_vips	(Optional) Pathway vIP addresses
name	(Optional) Pathway name
state	(Optional) Pathway state
vrrs_push_state	(Optional) VRRS push state
vmac	(Optional) Virtual MAC address
vmac_state	(Optional) Virtual MAC state
vmac_dbg	(Optional) Virtual MAC debug flags
pvmac	(Optional) Previous Virtual MAC address
pvmac_state	(Optional) Previous MAC state
pvmac_dbg	(Optional) Previous MAC debug flags
af	(Optional) Pathway address-family
desc	(Optional) Pathway description
opt	(Optional) Option flags
eval	(Optional) Eval flags
addr	(Optional) Virtual IP address
flags	(Optional) Virtual IP address flags

Command Mode

- /exec

show vrrs server

show vrrs server [__readonly__ { TABLE_srv <name> <af> <intf> <state> <vmac> <vip> [{ TABLE_tag <tag> }] }]

Syntax Description

vrrs	VRRS Show commands
show	Show running system information
server	Information about VRRS servers
__readonly__	(Optional)
TABLE_srv	(Optional) VRRS Servers
TABLE_tag	(Optional) VRRS tags associated with each server
name	(Optional) VRRS server name
af	(Optional) Address-family
intf	(Optional) Interface
state	(Optional) VRRS server state
vmac	(Optional) Virtual MAC address
vip	(Optional) Virtual IP address
tag	(Optional) VRRS tag

Command Mode

- /exec

show vrrs tag

show vrrs tag [<tagname>] [__readonly__ { TABLE_tag <name> <server> [{ TABLE_client <id> <client> <all> }] }]

Syntax Description

vrrs	VRRS Show commands
show	Show running system information
tag	Information about VRRS tags
tagname	(Optional) VRRS tag
__readonly__	(Optional)
TABLE_tag	(Optional) Known VRRS tags
TABLE_client	(Optional) VRRS clients listening
name	(Optional) VRRS tag name
server	(Optional) VRRS server name
id	(Optional) VRRS client id
client	(Optional) VRRS client name
all	(Optional) Client follows all tags

Command Mode

- /exec

show vsan

show vsan [<id_in>] [__readonly__ { TABLE_vsan <id> { [<name> <state> <interop_mode> <load_balancing> <operational_state>] | <inactive_vsan_name> | <evfp_control_vsan_name> } }]

Syntax Description

show	Show running system information
vsan	Vsan commands
id_in	(Optional) VSAN ID range
__readonly__	(Optional) Read Only
TABLE_vsan	(Optional) Table of VSAN's
id	(Optional) VSAN ID
name	(Optional) VSAN name
state	(Optional) VSAN state
interop_mode	(Optional) Interoperability mode
load_balancing	(Optional) Load balancing
operational_state	(Optional) Operational state
inactive_vsan_name	(Optional) Isolated VSAN
evfp_control_vsan_name	(Optional) EVFP isolated VSAN

Command Mode

- /exec

show vsan membership

show vsan [<id_in>] membership [__readonly__ { TABLE_vsan <id> [<inactive_vsan_name>] [<evfp_control_vsan_name>] [TABLE_interface <name>] }]

Syntax Description

show	Show running system information
vsan	Vsan commands
id_in	(Optional) VSAN ID range
membership	VSAN membership information
__readonly__	(Optional) Read Only
TABLE_vsan	(Optional) VSAN table
id	(Optional) VSAN ID
inactive_vsan_name	(Optional) Isolated VSAN
evfp_control_vsan_name	(Optional) EVFP isolated VSAN
TABLE_interface	(Optional) List of interface members
name	(Optional) Interface name

Command Mode

- /exec

show vsan membership interface

show vsan membership interface <if_in> [__readonly__ { TABLE_interface <name> <vsan_id_memb> [<inactive_vsan_name> | <evfp_control_vsan_name>] <allowed_vsan_list> }]

Syntax Description

show	Show running system information
vsan	Vsan commands
membership	VSAN membership information
interface	Show interface status and information
if_in	Interface range
__readonly__	(Optional) Read Only
TABLE_interface	(Optional) Interface VSAN table
name	(Optional) Interface Name
vsan_id_memb	(Optional) VSAN ID to which interface belongs
inactive_vsan_name	(Optional) Isolated VSAN
evfp_control_vsan_name	(Optional) EVFP isolated VSAN
allowed_vsan_list	(Optional) Allowed VSAN list

Command Mode

- /exec

show vsan usage

show vsan usage [__readonly__ { <num_vsans_configured> <configured_range_of_vsans> <vsans_available_to_configure> }]

Syntax Description

show	Show running system information
vsan	Vsan commands
usage	show VSAN usage in the system
__readonly__	(Optional) Read Only
num_vsans_configured	(Optional) Total VSAN's configured
configured_range_of_vsans	(Optional) Range of VSAN's configured
vsans_available_to_configure	(Optional) VSAN range available to configure

Command Mode

- /exec

show vtp counters

show vtp counters [__readonly__ <start> <summary_rx> <subset_rx> <request_rx> <summary_tx> <subset_tx> <request_tx> <num_config_rev_error> <num_config_digest_error> <num_v1_summary_error> [{ TABLE_pruning_counters <if_index> <join_tx> <join_rx> <summary_adv_v1_rx> }]]

Syntax Description

show	Show running system information
vtp	VTP information
counters	VTP statistics
__readonly__	(Optional) Read Only
start	(Optional) Start
summary_rx	(Optional) Summary advertisements received
subset_rx	(Optional) Subset advertisements received
request_rx	(Optional) Request advertisements received
summary_tx	(Optional) Summary advertisements transmitted
subset_tx	(Optional) Subset advertisements transmitted
request_tx	(Optional) Request advertisements transmitted
num_config_rev_error	(Optional) Number of config revision errors
num_config_digest_error	(Optional) Number of config digest errors
num_v1_summary_error	(Optional) Number of V1 summary errors
TABLE_pruning_counters	(Optional) Pruning counters in table format
if_index	(Optional) Trunk
join_tx	(Optional) Join Transmitted
join_rx	(Optional) Join Received
summary_adv_v1_rx	(Optional) Summary advts received from non-pruning-capable device

Command Mode

- /exec

show vtp interface

show vtp interface [<interface_range>] [__readonly__ [<start>] { TABLE_vtp_interface <if_index> <status> }]

Syntax Description

show	Show running system information
vtp	VTP information
interface	VTP interface status and configuration
interface_range	(Optional) Enter interfaces
__readonly__	(Optional) Read Only
start	(Optional) Start
TABLE_vtp_interface	(Optional) VTP interface configuration in table format
if_index	(Optional) Trunk
status	(Optional) VTP interface status

Command Mode

- /exec

show vtp password

show vtp password [domain <domain-id>] [__readonly__ <start> <passwd> <password-type> <secret-key>]

Syntax Description

show	Show running system information
vtp	VTP information
password	VTP password
domain	(Optional) VTP administrative domain
domain-id	(Optional) Domian index(Domain-id)
__readonly__	(Optional) Read Only
start	(Optional) Start
passwd	(Optional) VTP Domain Password
password-type	(Optional) Password Type (1=plaintxt, 2=hidden)
secret-key	(Optional) Secret Key for the password

Command Mode

- /exec

show vtp status

show vtp status [__readonly__ <start> <version> <config_rev> <max_vlan_supported_local> <num_current_vlans> <oper_mode> <domain_name> <pruning_mode> <oper_pruning_mode> <v2_mode> <trap_enabled> <md5_digest> <last_modified_ip> <last_modified_time> <running-version> <updater_id> <updater_reason>]

Syntax Description

show	Show running system information
vtp	VTP information
status	VTP domain status
__readonly__	(Optional) Read Only
start	(Optional) Start
version	(Optional) VTP version
config_rev	(Optional) Configuration Revision
max_vlan_supported_local	(Optional) Maximum VLANs supported locally
num_current_vlans	(Optional) Number of existing VLANs
oper_mode	(Optional) VTP Mode
domain_name	(Optional) VTP Domain Name
pruning_mode	(Optional) Pruning Mode
oper_pruning_mode	(Optional) Operational Pruning Mode
v2_mode	(Optional) VTP v2 Mode
trap_enabled	(Optional) trap enabled
md5_digest	(Optional) MD5 Digest
last_modified_ip	(Optional) Configuration last modified by
last_modified_time	(Optional) Configuration last modified at
running-version	(Optional) VTP Version Running
updater_id	(Optional) Local Updater id
updater_reason	(Optional) Local Updater id reason

Command Mode

- /exec