



## V Show Commands

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# show vdc

```
{ show vdc [ <e-vdc2> ] [ feature-set | detail | membership [ all | status | module <module> ] | shared membership ] }
```

## Syntax Description

show	Show Virtual Device Contexts
vdc	Show Virtual Device Contexts
<i>e-vdc2</i>	(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
<i>module</i>	(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

## Command Mode

- /exec

# show vdc current-vdc

show vdc current-vdc

## Syntax Description

show	Show Virtual Device Contexts
vdc	Show Virtual Device Contexts
current-vdc	Show which vdc you are currently in

## Command Mode

- /exec

# show vdc fcoe-vlan-range

show vdc fcoe-vlan-range

## Syntax Description

show	Show Virtual Device Contexts
vdc	Show Virtual Device Contexts
fcoe-vlan-range	vlan reserved for FCoE

## Command Mode

- /exec

# show vdc resource

show vdc resource [ <res-mgr-res-known-name> ] [ detail | hidden-too | with-flags ] +

## Syntax Description

show	Show running system information
vdc	Show Virtual Device Contexts
resource	Show resource configuration across VDCs
<i>res-mgr-res-known-name</i>	(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

## Command Mode

- /exec

# show vdc resource

```
show vdc <id> resource [ <res-mgr-res-known-name> ]
```

## Syntax Description

show	Show running system information
vdc	Show Virtual Device Contexts
<i>id</i>	Enter Virtual Device Context <vdc-id>
resource	Show resource configuration for VDC
<i>res-mgr-res-known-name</i>	(Optional) Resource name

## Command Mode

- /exec

# show vdc resource template

show vdc resource template [ <res-mgr-template-known-name-all> ]

## Syntax Description

show	Show running system information
vdc	Show Virtual Device Contexts
resource	Show resource configuration for VDC
template	Resource template configuration
<i>res-mgr-template-known-name-all</i>	(Optional) Resource template name

## Command Mode

- /exec



# show version

show version

## Syntax Description

show	
version	Show the software version

## Command Mode

- /exec

# show version epld

show version epld <uri0>

## Syntax Description

show	Show running system information
version	Show the software version
epld	Show EPLD versions available in EPLD image
<i>uri0</i>	Local URI containing EPLD Image

## Command Mode

- /exec

# show version image

show version image <uri0>

## Syntax Description

show	Show running system information
version	Show the software version
image	Show the software version of a given image
<i>uri0</i>	Enter URI

## Command Mode

- /exec

# show version module

show version module <module>

## Syntax Description

show	Show running system information
version	Show the software version
module	Show the software version of a Module
<i>module</i>	Enter module number

## Command Mode

- /exec

# show version module epld

show version module <module> epld

## Syntax Description

show	Show running system information
version	Show the software version
module	Show the software version of a Module
<i>module</i>	Enter module number
epld	Show a module's current EPLD versions

## Command Mode

- /exec

# show virtual-service

```
show virtual-service [ { list } | { global } | { detail [ name <virt_serv_name> ] } | { core [ name
<virt_serv_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
<i>virt_serv_name</i>	(Optional) Name of a virtual service
<i>virt_serv_name_core</i>	(Optional) Name of a virtual service

## Command Mode

- /exec

# show virtual-service storage pool list

show virtual-service storage pool list

## 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

## 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>

## 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
<i>virt_serv_name</i>	Name of a virtual service

## Command Mode

- /exec

# show virtual-service version

```
show virtual-service version { { installed } | { name <virt_serv_name> installed } }
```

## 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
<i>virt_serv_name</i>	Name of a virtual service

## Command Mode

- /exec

# show vlan

show vlan [ controller ]

## Syntax Description

show	Show running system information
vlan	VLAN status
controller	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

## Command Mode

- /exec

# show vlan access-list

show vlan access-list <vacl-name> [ <inp\_seqno> ]

## Syntax Description

show	Show running system information
vlan	VLAN status
access-list	Vlan access list
<i>vacl-name</i>	List name
<i>inp_seqno</i>	(Optional) Sequence number
<i>vacl_name</i>	(Optional) List name

## Command Mode

- /exec

# show vlan access-map

show vlan access-map [ <vacl-name> ]

## Syntax Description

show	Show running system information
vlan	VLAN status
access-map	List VLAN access maps
<i>vacl-name</i>	(Optional) List name
<i>vacl_name</i>	(Optional) List name

## Command Mode

- /exec

# show vlan all-ports

show vlan all-ports

## Syntax Description

show	Show running system information
vlan	VLAN status
all-ports	Show all ports on VLAN

## Command Mode

- /exec

# show vlan counters

show vlan counters

## Syntax Description

show	Show running system information
vlan	Vlan commands
counters	display counters

## Command Mode

- /exec

# show vlan dot1Q tag native

show vlan dot1Q tag native

## Syntax Description

show	Show running system information
vlan	VTP VLAN status
dot1Q	Display dot1q parameters
tag	Display tag parameters
native	Display native vlan tagging

## Command Mode

- /exec



# show vlan fcoe

show vlan fcoe [ <vlan-id> ]

## Syntax Description

show	Show running system information
fcoe	FCOE Congiguration
vlan	Original VLAN Status

## Command Mode

- /exec

# show vlan filter

```
show vlan filter [ access-map <vacl-name> | vlan <vlan> ]
```

## 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
<i>vacl-name</i>	(Optional) List name
vlan	(Optional) Show the access-map applied to a VLAN
<i>vlan</i>	(Optional) VLAN number

## Command Mode

- /exec

# show vlan id

show vlan id <vlan-id>

## Syntax Description

show	Show running system information
vlan	VLAN status
id	VLAN status by VLAN id
<i>vlan-id</i>	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19

## Command Mode

- /exec

# show vlan id counters

show vlan id <vlan-id> counters

## Syntax Description

show	Show running system information
vlan	Vlan commands
id	VLAN status by VLAN id
counters	display counters
<i>vlan-id</i>	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19

## Command Mode

- /exec

# show vlan id vn-segment

show vlan id <vlan-id> vn-segment

## Syntax Description

show	Show running system information
vlan	VLAN status
id	VLAN status by VLAN id
vn-segment	Show vn-segment mapping
<i>vlan-id</i>	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19

## Command Mode

- /exec

# show vlan name

show vlan name <vname>

## Syntax Description

show	Show running system information
vlan	VLAN status
name	VLAN status by VLAN name
<i>vname</i>	A vlan name with size 32 (128 if long vlan name enabled)

## Command Mode

- /exec

# show vlan private-vlan

show vlan [ id <vlan-id> ] private-vlan

## Syntax Description

show	Show running system information
vlan	VLAN status
id	(Optional) VLAN status by VLAN id
<i>vlan-id</i>	(Optional) VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19
private-vlan	Private VLAN information

## Command Mode

- /exec

# show vlan private-vlan type

show vlan [ id <vlan-id> ] private-vlan type

## Syntax Description

show	Show running system information
vlan	VLAN status
id	(Optional) VLAN status by VLAN id
<i>vlan-id</i>	(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

## Command Mode

- /exec



# show vlan xbrief

show vlan xbrief [ controller | cli ]

## 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

## Command Mode

- /exec

# show vlan xsummary

show vlan xsummary

## Syntax Description

show	Show running system information
vlan	VLAN status
xsummary	VLAN summary information

## 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 }
```

## Syntax Description

<i>show</i>	Show running system information
<i>vmtracker</i>	Show vmtracker info
<i>connection</i>	(Optional) Show vmtracker configured connections

## Command Mode

- /exec

# show vmtracker certificate

show vmtracker certificate

## Syntax Description

show	Show running system information
vmtracker	Show vmtracker info
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 } ]
```

### Syntax Description

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
<i>intf_id</i>	(Optional) Interface name to display
vlan	(Optional) vlan to display
<i>vlan_id</i>	(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

## Syntax Description

show	Show running system information
vmtracker	Show vmtracker info
connection	(Optional) Show vmtracker configured connections
<i>conn_name</i>	(Optional) Show vmtracker Connection name
status	Show vmtracker connection status

## Command Mode

- /exec

# show vpc

show vpc [ brief ]

## Syntax Description

vpc	Virtual Port Channel configuration
brief	(Optional) Brief display of vPC status

## Command Mode

- /exec

# show vpc

```
show vpc { <vpc-number> | brief vpc <vpc-number> }
```

## Syntax Description

vpc	Virtual Port Channel configuration
brief	Brief display of vPC status
<i>vpc-number</i>	Enter a Virtual Port Channel number

## Command Mode

- /exec



## show vpc consistency-parameters

```
show vpc consistency-parameters { global | vni | interface <if> | vpc <vpc-num> }
```

### Syntax Description

vpc	Virtual Port Channel configuration
consistency-parameters	Show vPC Consistency Parameters
global	Global Parameters
vni	Show vPC Consistency Parameters vni
<i>if</i>	
<i>vpc-num</i>	Enter a Virtual Port Channel number

### Command Mode

- /exec

# show vpc consistency-parameters vlans

show vpc consistency-parameters vlans [ vnseg ]

## Syntax Description

vpc	Virtual Port Channel configuration
consistency-parameters	Show vPC Consistency Parameters
vlans	vlans
vnseg	(Optional) Display vlan to vn-segment map

## Command Mode

- /exec

# show vpc fabric-ports

show vpc fabric-ports

## Syntax Description

vpc	Virtual Port Channel configuration
fabric-ports	Show ports that are part of uplink virtual-peerlink

## Command Mode

- /exec

# show vpc orphan-ports

show vpc orphan-ports

## Syntax Description

vpc	Virtual Port Channel configuration
orphan-ports	Show ports that are not part of vPC but have common VLANs

## Command Mode

- /exec

# show vpc peer-keepalive

show vpc peer-keepalive

## Syntax Description

vpc	Virtual Port Channel configuration
peer-keepalive	vPC keepalive status

## Command Mode

- /exec

# show vpc role

show vpc role

## Syntax Description

vpc	Virtual Port Channel configuration
role	vPC role status

## Command Mode

- /exec

# show vpc statistics peer-keepalive

show vpc statistics peer-keepalive

## Syntax Description

vpc	Virtual Port Channel configuration
statistics	Statistics
peer-keepalive	peer keepalive module related statistics

## Command Mode

- /exec

# show vpc statistics vpc

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

## Syntax Description

vpc	Virtual Port Channel configuration
statistics	Statistics
<i>vpc_num</i>	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 ] [ order id ] [ detail ] [ passive ]
```

## Syntax Description

show	Show running system information
vrf	Display VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(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

## Command Mode

- /exec

# show vrf

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

## Syntax Description

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

## Command Mode

- /exec

# show vrrp

```
show vrrp [ [ summary ] ] { [ statistics | detail ] [ interface <interface_id> ] [ vr <vr_id> ] [ master | backup |
init ] + } ]
```

## 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
<i>interface_id</i>	(Optional)
vr	(Optional) Show vrrp info for the group
<i>vr_id</i>	(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

## Command Mode

- /exec

# show vrrp bfd-sessions

show vrrp bfd-sessions [ interface <interface-id> [ to <ipaddress> ] ]

## Syntax Description

show	Show running system information
vrrp	Show vrrp information
bfd-sessions	BFD sessions
interface	(Optional) Groups on this interface
<i>interface-id</i>	(Optional) Interface
to	(Optional) To IP address
<i>ipaddress</i>	(Optional) Sessions to IP address

## Command Mode

- /exec

# show vrrpv3

```
show vrrpv3 [ brief | detail | statistics ] [ <intf> [ <group_num> ] ] [ <opt_v4_or_v6> ] [ all ]
```

## 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
<i>opt_v4_or_v6</i>	(Optional) Enter ipv4 or ipv6
<i>intf</i>	(Optional) Interface
<i>group_num</i>	(Optional) Group Number

## Command Mode

- /exec

# show vrrs client

show vrrs client [ <cname> ]

## Syntax Description

vrrs	VRRS Show commands
show	Show running system information
client	Information about VRRS clients
<i>cname</i>	(Optional) VRRS client name

## Command Mode

- /exec



# show vrrs pathway

show vrrs pathway [ <intf> ]

## Syntax Description

vrrs	VRRS Show commands
show	Show running system information
pathway	Information about VRRS pathways
<i>intf</i>	(Optional) Interface

## Command Mode

- /exec

# show vrrs server

show vrrs server

## Syntax Description

vrrs	VRRS Show commands
show	Show running system information
server	Information about VRRS servers

## Command Mode

- /exec

# show vrrs tag

show vrrs tag [ <tagname> ]

## Syntax Description

vrrs	VRRS Show commands
show	Show running system information
tag	Information about VRRS tags
<i>tagname</i>	(Optional) VRRS tag

## Command Mode

- /exec

# show vsan

show vsan [ <id\_in> ]

## Syntax Description

show	Show running system information
vsan	Vsan commands
<i>id_in</i>	(Optional) VSAN ID range

## Command Mode

- /exec

# show vsan membership

show vsan [ <id\_in> ] membership

## Syntax Description

show	Show running system information
vsan	Vsan commands
<i>id_in</i>	(Optional) VSAN ID range
membership	VSAN membership information

## Command Mode

- /exec

# show vsan membership interface

show vsan membership interface <if\_in>

## Syntax Description

show	Show running system information
vsan	Vsan commands
membership	VSAN membership information
interface	Show interface status and information
<i>if_in</i>	Interface range

## Command Mode

- /exec

# show vsan usage

show vsan usage

## Syntax Description

show	Show running system information
vsan	Vsan commands
usage	show VSAN usage in the system

## Command Mode

- /exec

# show vtp counters

show vtp counters

## Syntax Description

show	Show running system information
vtp	VTP information
counters	VTP statistics

## Command Mode

- /exec



# show vtp interface

show vtp interface [ <interface\_range> ]

## Syntax Description

show	Show running system information
vtp	VTP information
interface	VTP interface status and configuration
<i>interface_range</i>	(Optional) Enter interfaces

## Command Mode

- /exec

# show vtp password

show vtp password [ domain <domain-id> ]

## Syntax Description

show	Show running system information
vtp	VTP information
password	VTP password
domain	(Optional) VTP administrative domain
<i>domain-id</i>	(Optional) Domain index(Domain-id)

## Command Mode

- /exec

# show vtp status

show vtp status

## Syntax Description

show	Show running system information
vtp	VTP information
status	VTP domain status

## Command Mode

- /exec

 show vtp status