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vcenter

vcenter <arg> datacenter <WORD> [dvs-version <arg>]

Description: Configure a vCenter in the VMware domain

Syntax:

<i>arg</i>	
datacenter	Datacenter Name
<i>WORD</i>	Datacenter Name
<i>arg</i>	(Optional)

Command Mode: vmware-domain : Create a VMM VMWare Domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# vcenter <> datacenter <WORD> [dvs-version <>]
```

vemcmd clear fhs

vemcmd clear fhs

Description: Clear FHS stats

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd clear fhs
```

vemcmd clear fhs

Description: Clear FHS stats

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd clear fhs
```

vemcmd clear fhs

Description: Clear FHS stats

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd clear fhs
```

vemcmd clear fhs dai

vemcmd clear fhs dai stats <vlan-id>

Description: Clear FHS stats

Syntax:

stats	clear FHS stats
<i>vlan-id</i>	Clear FHS DAI stats <vlan-id>. Number range from=0 to=9223372036854775807

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd clear fhs dai stats <vlan-id>
```

vemcmd clear fhs dai stats <vlan-id>

Description: Clear FHS stats

Syntax:

stats	clear FHS stats
<i>vlan-id</i>	Clear FHS DAI stats <vlan-id>. Number range from=0 to=9223372036854775807

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd clear fhs dai stats <vlan-id>
```

vemcmd clear fhs dai stats <vlan-id>

Description: Clear FHS stats

Syntax:

stats	clear FHS stats
<i>vlan-id</i>	Clear FHS DAI stats <vlan-id>. Number range from=0 to=9223372036854775807

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd clear fhs dai stats <vlan-id>
```

vemcmd clear fhs dhcps

vemcmd clear fhs dhcps stats

Description: Clear FHS DHCP's stats

Syntax:

stats	clear FHS DHCP's stats
-------	------------------------

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd clear fhs dhcps stats
```

vemcmd clear fhs dhcps stats

Description: Clear FHS DHCP's stats

Syntax:

stats	clear FHS DHCP's stats
-------	------------------------

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd clear fhs dhcps stats
```

vemcmd clear fhs dhcps stats

Description: Clear FHS DHCP's stats

Syntax:

stats	clear FHS DHCP's stats
-------	------------------------

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd clear fhs dhcps stats
```


vemcmd clear fhs stats

vemcmd clear fhs stats all

Description: Clear FHS stats

Syntax:

all	clear FHS stats
-----	-----------------

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd clear fhs stats all
```

vemcmd clear fhs stats all

Description: Clear FHS stats

Syntax:

all	clear FHS stats
-----	-----------------

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd clear fhs stats all
```

vemcmd clear fhs stats all

Description: Clear FHS stats

Syntax:

all	clear FHS stats
-----	-----------------

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd clear fhs stats all
```

vemcmd dp dump bdrvteplist swbd

vemcmd dp dump bdrvteplist swbd <swbd>

Description: vemcmd dp dump bd-rvteplist swbd <swbd>

Syntax:

<i>swbd</i>	vemcmd dp dump bd-rvteplist swbd <swbd>. Number range from=0 to=9223372036854775807
-------------	---

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd dp dump bdrvteplist swbd <swbd>
```

vemcmd dp dump bdrvteplist swbd <swbd>

Description: vemcmd dp dump bd-rvteplist swbd <swbd>

Syntax:

<i>swbd</i>	vemcmd dp dump bd-rvteplist swbd <swbd>. Number range from=0 to=9223372036854775807
-------------	---

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd dp dump bdrvteplist swbd <swbd>
```

vemcmd dp dump bdrvteplist swbd <swbd>

Description: vemcmd dp dump bd-rvteplist swbd <swbd>

Syntax:

<i>swbd</i>	vemcmd dp dump bd-rvteplist swbd <swbd>. Number range from=0 to=9223372036854775807
-------------	---

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd dp dump bdrvteplist swbd <swbd>
```

vemcmd dp dump vrfvteplist vrfvnid

vemcmd dp dump vrfvteplist vrfvnid <vrfvnid>

Description: vemcmd dp dump vrf-rvteplist vrfvnid <vrfvnid>

Syntax:

<i>vrfvnid</i>	vemcmd dp dump vrf-rvteplist vrfvnid <vrfvnid>. Number range from=0 to=9223372036854775807
----------------	--

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd dp dump vrfvteplist vrfvnid <vrfvnid>
```

vemcmd dp dump vrfvteplist vrfvnid <vrfvnid>

Description: vemcmd dp dump vrf-rvteplist vrfvnid <vrfvnid>

Syntax:

<i>vrfvnid</i>	vemcmd dp dump vrf-rvteplist vrfvnid <vrfvnid>. Number range from=0 to=9223372036854775807
----------------	--

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd dp dump vrfvteplist vrfvnid <vrfvnid>
```

vemcmd dp dump vrfvteplist vrfvnid <vrfvnid>

Description: vemcmd dp dump vrf-rvteplist vrfvnid <vrfvnid>

Syntax:

<i>vrfvnid</i>	vemcmd dp dump vrf-rvteplist vrfvnid <vrfvnid>. Number range from=0 to=9223372036854775807
----------------	--

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd dp dump vrfvteplist vrfvnid <vrfvnid>
```

vemcmd dpa dump

vemcmd dpa dump

Description: Clear FHS stats

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd dpa dump
```

vemcmd dpa dump

Description: Clear FHS stats

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd dpa dump
```

vemcmd dpa dump

Description: Clear FHS stats

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd dpa dump
```

vemcmd dpa dump contracts

vemcmd dpa dump contracts all|agent|uri|log-dp|log-agent

Description: Show FHS stats

Syntax:

all	all
agent	agent
uri	uri
log-dp	log-dp
log-agent	log-agent

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd dpa dump contracts all|agent|uri|log-dp|log-agent
```

vemcmd dpa dump contracts all|agent|uri|log-dp|log-agent

Description: Show FHS stats

Syntax:

all	all
agent	agent
uri	uri
log-dp	log-dp
log-agent	log-agent

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd dpa dump contracts all|agent|uri|log-dp|log-agent
```

vemcmd dpa dump contracts all|agent|uri|log-dp|log-agent

Description: Show FHS stats

Syntax:

all	all
agent	agent
uri	uri
log-dp	log-dp
log-agent	log-agent

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd dpa dump contracts all|agent|uri|log-dp|log-agent
```

vemcmd dpa dump modb

vemcmd dpa dump modb

Description: Show FHS stats

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd dpa dump modb
```

vemcmd dpa dump modb

Description: Show FHS stats

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd dpa dump modb
```

vemcmd dpa dump modb

Description: Show FHS stats

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd dpa dump modb
```

vemcmd dpa epg

vemcmd dpa epg add <filename>

Description: vemcmd dpa epg

Syntax:

add	vemcmd dpa epg
<i>filename</i>	vemcmd dpa epg add [<filename>]

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd dpa epg add <filename>
```

vemcmd dpa epg remove <filename>

Description: vemcmd dpa epg

Syntax:

remove	vemcmd dpa epg
<i>filename</i>	vemcmd dpa epg remove [<filename>]

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd dpa epg remove <filename>
```

vemcmd dpa epg add <filename>

Description: vemcmd dpa epg

Syntax:

add	vemcmd dpa epg
<i>filename</i>	vemcmd dpa epg add [<filename>]

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd dpa epg add <filename>
```


vemcmd dpa epg remove <filename>**Description:** vemcmd dpa epg**Syntax:**

remove	vemcmd dpa epg
<i>filename</i>	vemcmd dpa epg remove [<filename>]

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device**Command Path:**

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd dpa epg remove <filename>
```

vemcmd dpa epg add <filename>**Description:** vemcmd dpa epg**Syntax:**

add	vemcmd dpa epg
<i>filename</i>	vemcmd dpa epg add [<filename>]

Command Mode: attach-avs : Execute remote cli on an Opflex Device**Command Path:**

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd dpa epg add <filename>
```

vemcmd dpa epg remove <filename>**Description:** vemcmd dpa epg**Syntax:**

remove	vemcmd dpa epg
<i>filename</i>	vemcmd dpa epg remove [<filename>]

Command Mode: attach-avs : Execute remote cli on an Opflex Device**Command Path:**

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd dpa epg remove <filename>
```

vemcmd dpa show

vemcmd dpa show

Description: Clear FHS stats

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd dpa show
```

vemcmd dpa show

Description: Clear FHS stats

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd dpa show
```

vemcmd dpa show

Description: Clear FHS stats

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd dpa show
```

vemcmd dpa show contracts

vemcmd dpa show contracts

Description: Clear FHS stats

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd dpa show contracts
```

vemcmd dpa show contracts

Description: Clear FHS stats

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd dpa show contracts
```

vemcmd dpa show contracts

Description: Clear FHS stats

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd dpa show contracts
```

vemcmd dpa show contracts change-list

vemcmd dpa show contracts change-list

Description: vemcmd dpa show contracts change-list

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd dpa show contracts change-list
```

vemcmd dpa show contracts change-list

Description: vemcmd dpa show contracts change-list

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd dpa show contracts change-list
```

vemcmd dpa show contracts change-list

Description: vemcmd dpa show contracts change-list

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd dpa show contracts change-list
```

vemcmd dpa show contracts epg-pair

vemcmd dpa show contracts epg-pair <prov-epg> <cons-epg>

Description: vemcmd dpa show contracts epg-pair

Syntax:

<prov-epg> <cons-epg>	vemcmd dpa show contracts epg-pair <prov-epg> <cons-epg>
-----------------------	--

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd dpa show contracts epg-pair <prov-epg> <cons-epg>
```

vemcmd dpa show contracts epg-pair <prov-epg> <cons-epg>

Description: vemcmd dpa show contracts epg-pair

Syntax:

<prov-epg> <cons-epg>	vemcmd dpa show contracts epg-pair <prov-epg> <cons-epg>
-----------------------	--

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd dpa show contracts epg-pair <prov-epg> <cons-epg>
```

vemcmd dpa show contracts epg-pair <prov-epg> <cons-epg>

Description: vemcmd dpa show contracts epg-pair

Syntax:

<prov-epg> <cons-epg>	vemcmd dpa show contracts epg-pair <prov-epg> <cons-epg>
-----------------------	--

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd dpa show contracts epg-pair <prov-epg> <cons-epg>
```

vemcmd dpa show contracts log

vemcmd dpa show contracts log change-list|contracts|epg

Description: vemcmd dpa show contracts change-list

Syntax:

change-list	Show binding table entry in VEM
contracts	Show DHCP snoop tr
epg	epg

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd dpa show contracts log change-list|contracts|epg
```

vemcmd dpa show contracts log change-list|contracts|epg

Description: vemcmd dpa show contracts change-list

Syntax:

change-list	Show binding table entry in VEM
contracts	Show DHCP snoop tr
epg	epg

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd dpa show contracts log change-list|contracts|epg
```

vemcmd dpa show contracts log change-list|contracts|epg

Description: vemcmd dpa show contracts change-list

Syntax:

change-list	Show binding table entry in VEM
contracts	Show DHCP snoop tr
epg	epg

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd dpa show contracts log change-list|contracts|epg
```

vemcmd show avs

vemcmd show avs macpinning

Description: Show vLeaf AVS

Syntax:

macpinning	Show vLeaf mac pinning
------------	------------------------

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show avs macpinning
```

vemcmd show avs macpinning

Description: Show vLeaf AVS

Syntax:

macpinning	Show vLeaf mac pinning
------------	------------------------

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show avs macpinning
```

vemcmd show avs macpinning

Description: Show vLeaf AVS

Syntax:

macpinning	Show vLeaf mac pinning
------------	------------------------

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show avs macpinning
```


vemcmd show bd

vemcmd show bd

Description: vemcmd show bd

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show bd
```

vemcmd show bd

Description: vemcmd show bd

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show bd
```

vemcmd show bd

Description: vemcmd show bd

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show bd
```

vemcmd show bdsbnet

vemcmd show bdsbnet

Description: vemcmd show bdsbnet

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show bdsbnet
```

vemcmd show bdsbnet

Description: vemcmd show bdsbnet

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show bdsbnet
```

vemcmd show bdsbnet

Description: vemcmd show bdsbnet

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show bdsbnet
```

vemcmd show cdp

vemcmd show cdp neighbors|<0-4096> [details]

Description: Show CDP information

Syntax:

<i>neighbors</i>	neighbors
<0-4096>	<0-4096>
details	(Optional) show cdp {<ltl> neighbors} [details]

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show cdp neighbors|<0-4096> [details]
```

vemcmd show cdp neighbors|<0-4096> [details]

Description: Show CDP information

Syntax:

<i>neighbors</i>	neighbors
<0-4096>	<0-4096>
details	(Optional) show cdp {<ltl> neighbors} [details]

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show cdp neighbors|<0-4096> [details]
```

vemcmd show cdp neighbors|<0-4096> [details]

Description: Show CDP information

Syntax:

<i>neighbors</i>	neighbors
<0-4096>	<0-4096>
details	(Optional) show cdp {<ltl> neighbors} [details]

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show cdp neighbors|<0-4096> [details]
```

vemcmd show contracts

vemcmd show contracts epg-pairs|filters|stats

Description: vemcmd show contracts

Syntax:

epg-pairs	Show Contract EPG-Pairs
filters	Show Contract Filters
stats	Show Contract stats all

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show contracts epg-pairs|filters|stats
```

vemcmd show contracts epg-pairs|filters|stats

Description: vemcmd show contracts

Syntax:

epg-pairs	Show Contract EPG-Pairs
filters	Show Contract Filters
stats	Show Contract stats all

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show contracts epg-pairs|filters|stats
```

vemcmd show contracts epg-pairs|filters|stats

Description: vemcmd show contracts

Syntax:

epg-pairs	Show Contract EPG-Pairs
filters	Show Contract Filters
stats	Show Contract stats all

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show contracts epg-pairs|filters|stats
```

vemcmd show coop

vemcmd show coop publish|query

Description: Show coop

Syntax:

publish	Show coop publish
query	Show coop query

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show coop publish|query
```

vemcmd show coop publish|query

Description: Show coop

Syntax:

publish	Show coop publish
query	Show coop query

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show coop publish|query
```

vemcmd show coop publish|query

Description: Show coop

Syntax:

publish	Show coop publish
query	Show coop query

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show coop publish|query
```

vemcmd show dfw connection

vemcmd show dfw connection stats <dfw-stats-ltl>

Description: Show DFW connection stats <ltl>

Syntax:

stats	show dfw connection stats <ltl>
<i>dfw-stats-ltl</i>	show dfw connection stats <ltl>. Number range from=0 to=9223372036854775807

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show dfw connection stats <dfw-stats-ltl>
```

vemcmd show dfw connection stats <dfw-stats-ltl>

Description: Show DFW connection stats <ltl>

Syntax:

stats	show dfw connection stats <ltl>
<i>dfw-stats-ltl</i>	show dfw connection stats <ltl>. Number range from=0 to=9223372036854775807

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show dfw connection stats <dfw-stats-ltl>
```

vemcmd show dfw connection stats <dfw-stats-ltl>

Description: Show DFW connection stats <ltl>

Syntax:

stats	show dfw connection stats <ltl>
<i>dfw-stats-ltl</i>	show dfw connection stats <ltl>. Number range from=0 to=9223372036854775807

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:


```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show dfw connection stats <dfw-stats-lt1>
```

vemcmd show dfw flows

vemcmd show dfw flows all|unreported

Description: Show DFW flows {all|unreported}

Syntax:

all	show dfw flows all
unreported	show dfw flows unreported

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show dfw flows all|unreported
```

vemcmd show dfw flows all|unreported

Description: Show DFW flows {all|unreported}

Syntax:

all	show dfw flows all
unreported	show dfw flows unreported

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show dfw flows all|unreported
```

vemcmd show dfw flows all|unreported

Description: Show DFW flows {all|unreported}

Syntax:

all	show dfw flows all
unreported	show dfw flows unreported

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show dfw flows all|unreported
```

vemcmd show dfw globals

vemcmd show dfw globals [ltl <ltl>]

Description: Show port globals information

Syntax:

<i>ltl</i>	(Optional) Show dfw globals ltl <ltl>. Number range from=0 to=9223372036854775807
------------	---

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show dfw globals [ltl <ltl>]
```

vemcmd show dfw globals [ltl <ltl>]

Description: Show port globals information

Syntax:

<i>ltl</i>	(Optional) Show dfw globals ltl <ltl>. Number range from=0 to=9223372036854775807
------------	---

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show dfw globals [ltl <ltl>]
```

vemcmd show dfw globals [ltl <ltl>]

Description: Show port globals information

Syntax:

<i>ltl</i>	(Optional) Show dfw globals ltl <ltl>. Number range from=0 to=9223372036854775807
------------	---

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show dfw globals [ltl <ltl>]
```

vemcmd show dfw interfaces

vemcmd show dfw interfaces

Description: Show DFW interfaces

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show dfw interfaces
```

vemcmd show dfw interfaces

Description: Show DFW interfaces

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show dfw interfaces
```

vemcmd show dfw interfaces

Description: Show DFW interfaces

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show dfw interfaces
```

vemcmd show dfw port-drop

vemcmd show dfw port-drop stats <ltl>

Description: Show DFW port-drop info

Syntax:

stats	Show dfW port-drop stats
<i>ltl</i>	show dfw port-drop stats <ltl>. Number range from=0 to=9223372036854775807

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show dfw port-drop stats <ltl>
```

vemcmd show dfw port-drop stats <ltl>

Description: Show DFW port-drop info

Syntax:

stats	Show dfW port-drop stats
<i>ltl</i>	show dfw port-drop stats <ltl>. Number range from=0 to=9223372036854775807

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show dfw port-drop stats <ltl>
```

vemcmd show dfw port-drop stats <ltl>

Description: Show DFW port-drop info

Syntax:

stats	Show dfW port-drop stats
<i>ltl</i>	show dfw port-drop stats <ltl>. Number range from=0 to=9223372036854775807

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show dfw port-drop stats <lt1>
```

vemcmd show dfw session

vemcmd show dfw session stats <ltl>

Description: Show DFW Port TCP session Stats

Syntax:

stats	Show DFW Port TCP session Stats
<i>ltl</i>	Show DFW session stats <ltl>. Number range from=0 to=9223372036854775807

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show dfw session stats <ltl>
```

vemcmd show dfw session stats <ltl>

Description: Show DFW Port TCP session Stats

Syntax:

stats	Show DFW Port TCP session Stats
<i>ltl</i>	Show DFW session stats <ltl>. Number range from=0 to=9223372036854775807

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show dfw session stats <ltl>
```

vemcmd show dfw session stats <ltl>

Description: Show DFW Port TCP session Stats

Syntax:

stats	Show DFW Port TCP session Stats
<i>ltl</i>	Show DFW session stats <ltl>. Number range from=0 to=9223372036854775807

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show dfw session stats <ttl>
```


vemcmd show dfwdenyflows

vemcmd show dfwdenyflows all|<0-4096>

Description: Show DFW Deny flows {all|<lt>}

Syntax:

<i>all</i>	all
<0-4096>	<0-4096>

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show dfwdenyflows all|<0-4096>
```

vemcmd show dfwdenyflows all|<0-4096>

Description: Show DFW Deny flows {all|<lt>}

Syntax:

<i>all</i>	all
<0-4096>	<0-4096>

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show dfwdenyflows all|<0-4096>
```

vemcmd show dfwdenyflows all|<0-4096>

Description: Show DFW Deny flows {all|<lt>}

Syntax:

<i>all</i>	all
<0-4096>	<0-4096>

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show dfwdenyflows all|<0-4096>
```

vemcmd show dfwflows ftp

vemcmd show dfwflows ftp ltl <num>

Description: Show DFW flows FTP ltl <ltl>

Syntax:

ltl	show dfwflows ftp ltl
num	show dfwflows ftp ltl <ltl>. Number range from=0 to=9223372036854775807

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show dfwflows ftp ltl <num>
```

vemcmd show dfwflows ftp ltl <num>

Description: Show DFW flows FTP ltl <ltl>

Syntax:

ltl	show dfwflows ftp ltl
num	show dfwflows ftp ltl <ltl>. Number range from=0 to=9223372036854775807

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show dfwflows ftp ltl <num>
```

vemcmd show dfwflows ftp ltl <num>

Description: Show DFW flows FTP ltl <ltl>

Syntax:

ltl	show dfwflows ftp ltl
num	show dfwflows ftp ltl <ltl>. Number range from=0 to=9223372036854775807

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show dfwflows ftp ltl <num>
```

vemcmd show dfwflows ltl

vemcmd show dfwflows ltl <num>

Description: Show DFW flows ltl <ltl>

Syntax:

<i>num</i>	show dfwflows ltl <ltl>. Number range from=0 to=9223372036854775807
------------	---

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show dfwflows ltl <num>
```

vemcmd show dfwflows ltl <num>

Description: Show DFW flows ltl <ltl>

Syntax:

<i>num</i>	show dfwflows ltl <ltl>. Number range from=0 to=9223372036854775807
------------	---

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show dfwflows ltl <num>
```

vemcmd show dfwflows ltl <num>

Description: Show DFW flows ltl <ltl>

Syntax:

<i>num</i>	show dfwflows ltl <ltl>. Number range from=0 to=9223372036854775807
------------	---

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show dfwflows ltl <num>
```

vemcmd show dfwslflows

vemcmd show dfwslflows all|<0-4096>

Description: Show DFW Short Lived flows {all|<tl>}

Syntax:

<i>all</i>	all
<0-4096>	<0-4096>

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show dfwslflows all|<0-4096>
```

vemcmd show dfwslflows all|<0-4096>

Description: Show DFW Short Lived flows {all|<tl>}

Syntax:

<i>all</i>	all
<0-4096>	<0-4096>

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show dfwslflows all|<0-4096>
```

vemcmd show dfwslflows all|<0-4096>

Description: Show DFW Short Lived flows {all|<tl>}

Syntax:

<i>all</i>	all
<0-4096>	<0-4096>

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show dfwslflows all|<0-4096>
```

vemcmd show epp

vemcmd show epp multicast

Description: Show EPP information

Syntax:

multicast	show epp multicast
-----------	--------------------

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show epp multicast
```

vemcmd show epp multicast

Description: Show EPP information

Syntax:

multicast	show epp multicast
-----------	--------------------

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show epp multicast
```

vemcmd show epp multicast

Description: Show EPP information

Syntax:

multicast	show epp multicast
-----------	--------------------

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show epp multicast
```

vemcmd show fhs-stats

vemcmd show fhs-stats cookie <cookie_num>

Description: Show FHS stats

Syntax:

cookie	show fhs-stats cookie <number>
<i>cookie_num</i>	show fhs-stats cookie <number>. Number range from=0 to=9223372036854775807

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show fhs-stats cookie <cookie_num>
```

vemcmd show fhs-stats cookie <cookie_num>

Description: Show FHS stats

Syntax:

cookie	show fhs-stats cookie <number>
<i>cookie_num</i>	show fhs-stats cookie <number>. Number range from=0 to=9223372036854775807

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show fhs-stats cookie <cookie_num>
```

vemcmd show fhs-stats cookie <cookie_num>

Description: Show FHS stats

Syntax:

cookie	show fhs-stats cookie <number>
<i>cookie_num</i>	show fhs-stats cookie <number>. Number range from=0 to=9223372036854775807

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show fhs-stats cookie <cookie_num>
```


vemcmd show fhs arp-learning

vemcmd show fhs arp-learning

Description: Show FHS arp learning

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show fhs arp-learning
```

vemcmd show fhs arp-learning

Description: Show FHS arp learning

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show fhs arp-learning
```

vemcmd show fhs arp-learning

Description: Show FHS arp learning

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show fhs arp-learning
```

vemcmd show fhs dai

vemcmd show fhs dai interfaces|stats|vlan

Description: Show FHS DAI information

Syntax:

interfaces	Show DAI trusted/untrusted intfs
stats	Show DAI stats
vlan	Show DAI VLANs

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show fhs dai interfaces|stats|vlan
```

vemcmd show fhs dai interfaces|stats|vlan

Description: Show FHS DAI information

Syntax:

interfaces	Show DAI trusted/untrusted intfs
stats	Show DAI stats
vlan	Show DAI VLANs

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show fhs dai interfaces|stats|vlan
```

vemcmd show fhs dai interfaces|stats|vlan

Description: Show FHS DAI information

Syntax:

interfaces	Show DAI trusted/untrusted intfs
stats	Show DAI stats
vlan	Show DAI VLANs

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show fhs dai interfaces|stats|vlan
```

vemcmd show fhs dhcps

vemcmd show fhs dhcps binding|interfaces|stats|vlan

Description: Show FHS DHCP information

Syntax:

binding	Show binding table entry in VEM
interfaces	Show DHCP snoop trusted/untrusted intfs
stats	Show DHCP stats
vlan	Show DHCP snoop VLANs

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show fhs dhcps binding|interfaces|stats|vlan
```

vemcmd show fhs dhcps binding|interfaces|stats|vlan

Description: Show FHS DHCP information

Syntax:

binding	Show binding table entry in VEM
interfaces	Show DHCP snoop trusted/untrusted intfs
stats	Show DHCP stats
vlan	Show DHCP snoop VLANs

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show fhs dhcps binding|interfaces|stats|vlan
```

vemcmd show fhs dhcps binding|interfaces|stats|vlan

Description: Show FHS DHCP information

Syntax:

binding	Show binding table entry in VEM
interfaces	Show DHCP snoop trusted/untrusted intfs

stats	Show DHCP stats
vlan	Show DHCP snoop VLANs

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show fhs dhcps binding|interfaces|stats|vlan
```

vemcmd show fhs ipsg

vemcmd show fhs ipsg interfaces

Description: Show IPSG intfs

Syntax:

interfaces	Show IPSG intfs
------------	-----------------

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show fhs ipsg interfaces
```

vemcmd show fhs ipsg interfaces

Description: Show IPSG intfs

Syntax:

interfaces	Show IPSG intfs
------------	-----------------

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show fhs ipsg interfaces
```

vemcmd show fhs ipsg interfaces

Description: Show IPSG intfs

Syntax:

interfaces	Show IPSG intfs
------------	-----------------

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show fhs ipsg interfaces
```

vemcmd show fhs learnt-ip

vemcmd show fhs learnt-ip

Description: Show FHS learnt ip

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show fhs learnt-ip
```

vemcmd show fhs learnt-ip

Description: Show FHS learnt ip

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show fhs learnt-ip
```

vemcmd show fhs learnt-ip

Description: Show FHS learnt ip

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show fhs learnt-ip
```

vemcmd show fhs static

vemcmd show fhs static binding

Description: Show dhcps dpa table

Syntax:

binding	Show dhcps dpa table
---------	----------------------

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show fhs static binding
```

vemcmd show fhs static binding

Description: Show dhcps dpa table

Syntax:

binding	Show dhcps dpa table
---------	----------------------

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show fhs static binding
```

vemcmd show fhs static binding

Description: Show dhcps dpa table

Syntax:

binding	Show dhcps dpa table
---------	----------------------

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show fhs static binding
```


vemcmd show fhs stats

vemcmd show fhs stats

Description: Show FHS stats

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show fhs stats
```

vemcmd show fhs stats

Description: Show FHS stats

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show fhs stats
```

vemcmd show fhs stats

Description: Show FHS stats

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show fhs stats
```

vemcmd show heap

vemcmd show heap

Description: Show the heap list

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show heap
```

vemcmd show heap

Description: Show the heap list

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show heap
```

vemcmd show heap

Description: Show the heap list

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show heap
```

vemcmd show host

vemcmd show host

Description: Show the host details

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show host
```

vemcmd show host

Description: Show the host details

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show host
```

vemcmd show host

Description: Show the host details

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show host
```

vemcmd show hrep

vemcmd show hrep

Description: vemcmd show hrep

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show hrep
```

vemcmd show hrep

Description: vemcmd show hrep

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show hrep
```

vemcmd show hrep

Description: vemcmd show hrep

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show hrep
```

vemcmd show hrep info

vemcmd show hrep info

Description: vemcmd show hrep info

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show hrep info
```

vemcmd show hrep info

Description: vemcmd show hrep info

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show hrep info
```

vemcmd show hrep info

Description: vemcmd show hrep info

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show hrep info
```

vemcmd show l2

vemcmd show l2 all|<0-4096>

Description: Show l2 information {all|<vlan>}

Syntax:

<i>all</i>	all
<0-4096>	<0-4096>

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show l2 all|<0-4096>
```

vemcmd show l2 all|<0-4096>

Description: Show l2 information {all|<vlan>}

Syntax:

<i>all</i>	all
<0-4096>	<0-4096>

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show l2 all|<0-4096>
```

vemcmd show l2 all|<0-4096>

Description: Show l2 information {all|<vlan>}

Syntax:

<i>all</i>	all
<0-4096>	<0-4096>

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show l2 all|<0-4096>
```

vemcmd show l3

vemcmd show l3

Description: vemcmd show l3

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show l3
```

vemcmd show l3

Description: vemcmd show l3

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show l3
```

vemcmd show l3

Description: vemcmd show l3

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show l3
```

vemcmd show l3 all

vemcmd show l3 all

Description: vemcmd show l3 all

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show l3 all
```

vemcmd show l3 all

Description: vemcmd show l3 all

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show l3 all
```

vemcmd show l3 all

Description: vemcmd show l3 all

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show l3 all
```


vemcmd show lacp

vemcmd show lacp <lacp_ltl>

Description: Show LACP information

Syntax:

<i>lacp_ltl</i>	Show LACP <ltl>. Number range from=0 to=9223372036854775807
-----------------	---

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show lacp <lacp_ltl>
```

vemcmd show lacp <lacp_ltl>

Description: Show LACP information

Syntax:

<i>lacp_ltl</i>	Show LACP <ltl>. Number range from=0 to=9223372036854775807
-----------------	---

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show lacp <lacp_ltl>
```

vemcmd show lacp <lacp_ltl>

Description: Show LACP information

Syntax:

<i>lacp_ltl</i>	Show LACP <ltl>. Number range from=0 to=9223372036854775807
-----------------	---

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show lacp <lacp_ltl>
```

vemcmd show lldp

vemcmd show lldp neighbors|<0-4096>

Description: Show LLDP information

Syntax:

<i>neighbors</i>	neighbors
<0-4096>	<0-4096>

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show lldp neighbors|<0-4096>
```

vemcmd show lldp neighbors|<0-4096>

Description: Show LLDP information

Syntax:

<i>neighbors</i>	neighbors
<0-4096>	<0-4096>

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show lldp neighbors|<0-4096>
```

vemcmd show lldp neighbors|<0-4096>

Description: Show LLDP information

Syntax:

<i>neighbors</i>	neighbors
<0-4096>	<0-4096>

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show lldp neighbors|<0-4096>
```

vemcmd show macpool

vemcmd show macpool <intfname>

Description: Show the VEM and VSM versions

Syntax:

<i>intfname</i>	Show microsegment tables info <tbl-id>
-----------------	--

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show macpool <intfname>
```

vemcmd show macpool <intfname>

Description: Show the VEM and VSM versions

Syntax:

<i>intfname</i>	Show microsegment tables info <tbl-id>
-----------------	--

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show macpool <intfname>
```

vemcmd show macpool <intfname>

Description: Show the VEM and VSM versions

Syntax:

<i>intfname</i>	Show microsegment tables info <tbl-id>
-----------------	--

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show macpool <intfname>
```

vemcmd show mempool

vemcmd show mempool

Description: Show the memory pool list

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show mempool
```

vemcmd show mempool

Description: Show the memory pool list

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show mempool
```

vemcmd show mempool

Description: Show the memory pool list

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show mempool
```

vemcmd show microsegment tables brief

vemcmd show microsegment tables brief

Description: Show vLeaf microsegment tables brief

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show microsegment tables brief
```

vemcmd show microsegment tables brief

Description: Show vLeaf microsegment tables brief

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show microsegment tables brief
```

vemcmd show microsegment tables brief

Description: Show vLeaf microsegment tables brief

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show microsegment tables brief
```

vemcmd show microsegment tables info

vemcmd show microsegment tables info <tbl-id>

Description: Show vLeaf microsegment tables info <tbl-id>

Syntax:

<i>tbl-id</i>	Show vLeaf microsegment tables info <tbl-id>. Number range from=0 to=9223372036854775807
---------------	--

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show microsegment tables info <tbl-id>
```

vemcmd show microsegment tables info <tbl-id>

Description: Show vLeaf microsegment tables info <tbl-id>

Syntax:

<i>tbl-id</i>	Show vLeaf microsegment tables info <tbl-id>. Number range from=0 to=9223372036854775807
---------------	--

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show microsegment tables info <tbl-id>
```

vemcmd show microsegment tables info <tbl-id>

Description: Show vLeaf microsegment tables info <tbl-id>

Syntax:

<i>tbl-id</i>	Show vLeaf microsegment tables info <tbl-id>. Number range from=0 to=9223372036854775807
---------------	--

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show microsegment tables info <tbl-id>
```

vemcmd show mtep ipaddress

vemcmd show mtep ipaddress

Description: Show the VEM and VSM versions

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show mtep ipaddress
```

vemcmd show mtep ipaddress

Description: Show the VEM and VSM versions

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show mtep ipaddress
```

vemcmd show mtep ipaddress

Description: Show the VEM and VSM versions

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show mtep ipaddress
```

vemcmd show opflex

vemcmd show opflex cloud

Description: Show opflex status

Syntax:

cloud	Show opflex status cloud
-------	--------------------------

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show opflex cloud
```

vemcmd show opflex cloud

Description: Show opflex status

Syntax:

cloud	Show opflex status cloud
-------	--------------------------

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show opflex cloud
```

vemcmd show opflex cloud

Description: Show opflex status

Syntax:

cloud	Show opflex status cloud
-------	--------------------------

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show opflex cloud
```


vemcmd show packets

vemcmd show packets

Description: Show packets

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show packets
```

vemcmd show packets

Description: Show packets

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show packets
```

vemcmd show packets

Description: Show packets

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show packets
```

vemcmd show pc

vemcmd show pc info|mode

Description: Show port channel

Syntax:

info	Show port channel table
mode	Show port-channel mode on uplink

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show pc info|mode
```

vemcmd show pc info|mode

Description: Show port channel

Syntax:

info	Show port channel table
mode	Show port-channel mode on uplink

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show pc info|mode
```

vemcmd show pc info|mode

Description: Show port channel

Syntax:

info	Show port channel table
mode	Show port-channel mode on uplink

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show pc info|mode
```

vemcmd show pd-port

vemcmd show pd-port

Description: Show pd-port

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show pd-port
```

vemcmd show pd-port

Description: Show pd-port

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show pd-port
```

vemcmd show pd-port

Description: Show pd-port

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show pd-port
```

vemcmd show port

vemcmd show port vlans internal|system|vsm

Description: Show port information

Syntax:

vlans	vlans keyword
internal	internal
system	system
vsm	vsm

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show port vlans internal|system|vsm
```

vemcmd show port vlans internal|system|vsm

Description: Show port information

Syntax:

vlans	vlans keyword
internal	internal
system	system
vsm	vsm

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show port vlans internal|system|vsm
```

vemcmd show port vlans internal|system|vsm

Description: Show port information

Syntax:

vlans	vlans keyword
internal	internal

system	system
vsm	vsm

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show port vlans internal|system|vsm
```

vemcmd show portmac

vemcmd show portmac

Description: Show the port table MAC entries

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show portmac
```

vemcmd show portmac

Description: Show the port table MAC entries

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show portmac
```

vemcmd show portmac

Description: Show the port table MAC entries

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show portmac
```

vemcmd show proxy-arp

vemcmd show proxy-arp

Description: Show Proxy ARP

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show proxy-arp
```

vemcmd show proxy-arp

Description: Show Proxy ARP

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show proxy-arp
```

vemcmd show proxy-arp

Description: Show Proxy ARP

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show proxy-arp
```

vemcmd show sod

vemcmd show sod

Description: Show the switch opaque data

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show sod
```

vemcmd show sod

Description: Show the switch opaque data

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show sod
```

vemcmd show sod

Description: Show the switch opaque data

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show sod
```


vemcmd show span

vemcmd show span

Description: Show SPAN/ERSPAN information

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show span
```

vemcmd show span

Description: Show SPAN/ERSPAN information

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show span
```

vemcmd show span

Description: Show SPAN/ERSPAN information

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show span
```

vemcmd show stats cookie

vemcmd show stats cookie <stats-cookie>

Description: Show stats cookie

Syntax:

<i>stats-cookie</i>	Show stats cookie. Number range from=0 to=9223372036854775807
---------------------	---

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show stats cookie <stats-cookie>
```

vemcmd show stats cookie <stats-cookie>

Description: Show stats cookie

Syntax:

<i>stats-cookie</i>	Show stats cookie. Number range from=0 to=9223372036854775807
---------------------	---

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show stats cookie <stats-cookie>
```

vemcmd show stats cookie <stats-cookie>

Description: Show stats cookie

Syntax:

<i>stats-cookie</i>	Show stats cookie. Number range from=0 to=9223372036854775807
---------------------	---

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show stats cookie <stats-cookie>
```

vemcmd show useg all

vemcmd show useg all

Description: Show microsegmentation all information

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show useg all
```

vemcmd show useg all

Description: Show microsegmentation all information

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show useg all
```

vemcmd show useg all

Description: Show microsegmentation all information

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show useg all
```

vemcmd show useg tables brief

vemcmd show useg tables brief

Description: Show microsegmentation tables brief

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show useg tables brief
```

vemcmd show useg tables brief

Description: Show microsegmentation tables brief

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show useg tables brief
```

vemcmd show useg tables brief

Description: Show microsegmentation tables brief

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show useg tables brief
```

vemcmd show useg tables info

vemcmd show useg tables info <tbl-id>

Description: Show microsegment tables info <tbl-id>

Syntax:

<i>tbl-id</i>	Show microsegment tables info <tbl-id>. Number range from=0 to=9223372036854775807
---------------	--

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show useg tables info <tbl-id>
```

vemcmd show useg tables info <tbl-id>

Description: Show microsegment tables info <tbl-id>

Syntax:

<i>tbl-id</i>	Show microsegment tables info <tbl-id>. Number range from=0 to=9223372036854775807
---------------	--

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show useg tables info <tbl-id>
```

vemcmd show useg tables info <tbl-id>

Description: Show microsegment tables info <tbl-id>

Syntax:

<i>tbl-id</i>	Show microsegment tables info <tbl-id>. Number range from=0 to=9223372036854775807
---------------	--

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show useg tables info <tbl-id>
```

vemcmd show useg unresolved

vemcmd show useg unresolved

Description: Show microsegmentation unresolved port

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show useg unresolved
```

vemcmd show useg unresolved

Description: Show microsegmentation unresolved port

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show useg unresolved
```

vemcmd show useg unresolved

Description: Show microsegmentation unresolved port

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show useg unresolved
```

vemcmd show version

vemcmd show version

Description: Show the VEM and VSM versions

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show version
```

vemcmd show version

Description: Show the VEM and VSM versions

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show version
```

vemcmd show version

Description: Show the VEM and VSM versions

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show version
```

vemcmd show vlan

vemcmd show vlan <vlan_num>

Description: Show a given vlan

Syntax:

<i>vlan_num</i>	Show vlan number. Number range from=0 to=9223372036854775807
-----------------	--

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemcmd show vlan <vlan_num>
```

vemcmd show vlan <vlan_num>

Description: Show a given vlan

Syntax:

<i>vlan_num</i>	Show vlan number. Number range from=0 to=9223372036854775807
-----------------	--

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemcmd show vlan <vlan_num>
```

vemcmd show vlan <vlan_num>

Description: Show a given vlan

Syntax:

<i>vlan_num</i>	Show vlan number. Number range from=0 to=9223372036854775807
-----------------	--

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemcmd show vlan <vlan_num>
```


vemcmd show vxlanstats

vemcmd show vxlanstats

Description: Show VXLAN VTEP VM mapping Information

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show vxlanstats
```

vemcmd show vxlanstats

Description: Show VXLAN VTEP VM mapping Information

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show vxlanstats
```

vemcmd show vxlanstats

Description: Show VXLAN VTEP VM mapping Information

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show vxlanstats
```

vemcmd show vxlanvtepmap

vemcmd show vxlanvtepmap

Description: Show VXLAN VTEP VM mapping Information

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show vxlanvtepmap
```

vemcmd show vxlanvtepmap

Description: Show VXLAN VTEP VM mapping Information

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show vxlanvtepmap
```

vemcmd show vxlanvtepmap

Description: Show VXLAN VTEP VM mapping Information

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show vxlanvtepmap
```

vemcmd show vxlanvteps

vemcmd show vxlanvteps

Description: Show VXLAN VTEPs

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>  
(exec-ave)# vemcmd show vxlanvteps
```

vemcmd show vxlanvteps

Description: Show VXLAN VTEPs

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>  
(exec-ave-ng)# vemcmd show vxlanvteps
```

vemcmd show vxlanvteps

Description: Show VXLAN VTEPs

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemcmd show vxlanvteps
```

vemdebug set infra

vemdebug set infra tagging 0|1

Description: vemdebug set infra tagging

Syntax:

tagging	vemdebug set infra tagging
0	vemcmd dpa epg remove [<filename>]. Number range from=0 to=9223372036854775807
1	vemcmd dpa epg remove [<filename>]. Number range from=0 to=9223372036854775807

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemdebug set infra tagging 0|1
```

vemdebug set infra tagging 0|1

Description: vemdebug set infra tagging

Syntax:

tagging	vemdebug set infra tagging
0	vemcmd dpa epg remove [<filename>]. Number range from=0 to=9223372036854775807
1	vemcmd dpa epg remove [<filename>]. Number range from=0 to=9223372036854775807

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemdebug set infra tagging 0|1
```

vemdebug set infra tagging 0|1

Description: vemdebug set infra tagging

Syntax:

tagging	vemdebug set infra tagging
---------	----------------------------

<i>0</i>	vemcmd dpa epg remove [<filename>]. Number range from=0 to=9223372036854775807
<i>1</i>	vemcmd dpa epg remove [<filename>]. Number range from=0 to=9223372036854775807

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>  
(exec-avs)# vemdebug set infra tagging 0|1
```

vemsend

vemsend <vemsend_str>

Description: vemsend <command>

Syntax:

<vemsend_str>	vemsend AVS command
---------------	---------------------

Command Mode: attach-ave : Execute remote cli on AVE Device

Command Path:

```
# attach-ave <OpflexDevid>
(exec-ave)# vemsend <vemsend_str>
```

vemsend <vemsend_str>

Description: vemsend <command>

Syntax:

<vemsend_str>	vemsend AVS command
---------------	---------------------

Command Mode: attach-ave-ng : Execute remote cli on AVE NG Device

Command Path:

```
# attach-ave-ng <OpflexDevid>
(exec-ave-ng)# vemsend <vemsend_str>
```

vemsend <vemsend_str>

Description: vemsend <command>

Syntax:

<vemsend_str>	vemsend AVS command
---------------	---------------------

Command Mode: attach-avs : Execute remote cli on an Opflex Device

Command Path:

```
# attach-avs <OpflexDevid>
(exec-avs)# vemsend <vemsend_str>
```

version

version <WORD>

Description: Configure the Resource Pool version

Syntax:

<i>WORD</i>	classic/normalized
-------------	--------------------

Command Mode: l4l7 resource-pool : Configure L4-L7 Service Resource Pool

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# l4l7 resource-pool <WORD>
(config-resource-pool)# version <WORD>
```

version <versionNo>

Description: Configure version

Syntax:

<i>versionNo</i>	versionNo
------------------	-----------

Command Mode: flow exporter : Configure Netflow Exporter

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# flow exporter <WORD> destination address <A.B.C.D or A:B::C:D> transport
udp <dstPort>
(config-tn-flow-exporter)# version <versionNo>
```

version <versionNo>

Description: Configure version

Syntax:

<i>versionNo</i>	versionNo
------------------	-----------

Command Mode: flow exporter : Configure Netflow Exporter

Command Path:

```
# configure [['terminal', 't']]
(config)# flow exporter <WORD> destination address <A.B.C.D or A:B::C:D> transport udp
<dstPort>
(config-flow-exporter)# version <versionNo>
```

version <versionNo>**Description:** Configure version**Syntax:**

<i>versionNo</i>	versionNo
------------------	-----------

Command Mode: flow vm-exporter : Configure NetFlow Exporter for VM Networking**Command Path:**

```
# configure [['terminal', 't']]
(config)# flow vm-exporter <WORD> destination address <A.B.C.D or A:B::C:D> transport udp
<dstPort>
(config-flow-vm-exporter)# version <versionNo>
```


virtual-static-endpoint

virtual-static-endpoint mac *E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE* [**ip** <A.B.C.D>]

Description: Configure Virtual Static Endpoint under Epg

Syntax:

mac	MAC address
<i>E.E.E</i>	MAC address (Option 1)
<i>EE-EE-EE-EE-EE-EE</i>	MAC address (Option 2)
<i>EE:EE:EE:EE:EE:EE</i>	MAC address (Option 3)
<i>EEEE.EEEE.EEEE</i>	MAC address (Option 4)
<i>A.B.C.D</i>	(Optional) IP address in format i.i.i.i

Command Mode: epg : AEPg configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# virtual-static-endpoint mac
E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE [ip <A.B.C.D>]
```

visore-access-enable

visore-access-enable

Description: Enable HTTP visore access

Command Mode: http : HTTP communication policy group

Command Path:

```
# configure [['terminal', 't']]
(config)# comm-policy <WORD>
(config-comm-policy)# http
(config-http)# visore-access-enable
```

visore-access-enable

Description: Enable HTTPS visore access

Command Mode: https : HTTPS communication policy group

Command Path:

```
# configure [['terminal', 't']]
(config)# comm-policy <WORD>
(config-comm-policy)# https
(config-https)# visore-access-enable
```

vlan-domain

vlan-domain <name> [dynamic] [type <domain-type>]

Description: Configure vlan domain

Syntax:

<i>name</i>	Vlan domain name (Max Size 64)
dynamic	(Optional) Create dynamic namespace(default is static)
<domain-type>	(Optional) Vlan domain type

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# vlan-domain <name> [dynamic] [type <domain-type>]
```

vlan-domain member <WORD> [type <arg>]

Description: Attach VMware Domain to a VLAN Domain

Syntax:

member	Bind VMware domain to vlan domain
<i>WORD</i>	VLAN Domain name
<i>arg</i>	(Optional) Vlan domain type

Command Mode: vmware-domain : Create a VMM VMWare Domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# vlan-domain member <WORD> [type <>]
```

vlan-domain member <WORD> [type <arg>]

Description: Attach Microsoft Domain to a VLAN Domain

Syntax:

member	Bind Microsoft domain to vlan domain
<i>WORD</i>	VLAN Domain name
<i>arg</i>	(Optional) Vlan domain type

Command Mode: microsoft-domain : Create a VMM Microsoft Domain

Command Path:

```
# configure [['terminal', 't']]
(config)# microsoft-domain <WORD> [delimiter <WORD>]
(config-microsoft)# vlan-domain member <WORD> [type <>]
```

vlan-domain member <WORD> [type <arg>]

Description: Attach Rhev Domain to a VLAN Domain

Syntax:

member	Bind Rhev domain to vlan domain
<i>WORD</i>	VLAN Domain name
<i>arg</i>	(Optional) Vlan domain type

Command Mode: rhev-domain : Create a VMM Redhat Domain

Command Path:

```
# configure [['terminal', 't']]
(config)# rhev-domain <WORD> [delimiter <WORD>]
(config-redhat)# vlan-domain member <WORD> [type <>]
```

vlan-domain member <WORD> [type <arg>]

Description: Configure Vlan Domain

Syntax:

member	Configure Vlan Domain Member
<i>WORD</i>	Vlan domain name (Max Size 64)
<i>arg</i>	(Optional)

Command Mode: template policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# vlan-domain member <WORD> [type <>]
```

vlan-domain member <WORD> [type <arg>]

Description: Configure Vlan Domain

Syntax:

member	Configure Vlan Domain Member
--------	------------------------------

<i>WORD</i>	Vlan domain name (Max Size 64)
<i>arg</i>	(Optional)

Command Mode: template port-channel : Configure Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# vlan-domain member <WORD> [type <>]
```

vlan-domain member <WORD> [type <arg>]

Description: Configure Vlan Domain

Syntax:

member	Configure Vlan Domain Member
<i>WORD</i>	Vlan domain name (Max Size 64)
<i>arg</i>	(Optional)

Command Mode: template spine-interface-policy-group : Configure Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template spine-interface-policy-group <WORD>
(config-spine-if-pol-grp)# vlan-domain member <WORD> [type <>]
```

vlan-domain member <WORD> [type <arg>]

Description: Configure Vlan Domain

Syntax:

member	Configure Vlan Domain Member
<i>WORD</i>	Vlan domain name (Max Size 64)
<i>arg</i>	(Optional)

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# vlan-domain member <WORD> [type <>]
```

vlan-domain member <WORD> [type <arg>]**Description:** Configure Vlan Domain**Syntax:**

member	Configure Vlan Domain Member
<i>WORD</i>	Vlan domain name (Max Size 64)
<i>arg</i>	(Optional)

Command Mode: interface port-channel : Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# vlan-domain member <WORD> [type <>]
```

vlan-domain member <WORD> [type <arg>]**Description:** Configure Vlan Domain**Syntax:**

member	Configure Vlan Domain Member
<i>WORD</i>	Vlan domain name (Max Size 64)
<i>arg</i>	(Optional)

Command Mode: interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# vlan-domain member <WORD> [type <>]
```

vlan-domain member <WORD> [type <arg>]**Description:** Configure Vlan Domain**Syntax:**

member	Configure Vlan Domain Member
<i>WORD</i>	Vlan domain name (Max Size 64)
<i>arg</i>	(Optional)

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# vlan-domain member <WORD> [type <>]
```

vlan-domain member <WORD> [type <arg>]**Description:** Configure Vlan Domain**Syntax:**

member	Configure Vlan Domain Member
<i>WORD</i>	Vlan domain name (Max Size 64)
<i>arg</i>	(Optional)

Command Mode: interface : Provide VPC Name**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# vlan-domain member <WORD> [type <>]
```

vlan-pool

vlan-pool <pool-name>

Description: Assign vlan-pool to vlan-domain

Syntax:

<i>pool-name</i>	Vlan-pool name (Max Size 64)
------------------	------------------------------

Command Mode: vlan-domain : Configure vlan domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vlan-domain <name> [dynamic] [type <domain-type>]
(config-vlan)# vlan-pool <pool-name>
```


vlan-range

vlan-range <vlan-range>

Description: Configure VLAN ranges on trunk

Syntax:

<vlan-range>	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19
--------------	---

Command Mode: trunk-portgroup : Configure a trunk port group in the VMWare domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# trunk-portgroup <>
(config-vmware-trunk)# vlan-range <vlan-range>
```

vlan

vlan <vlan-range> [dynamic] [internal]

Description: Add VLANs to vlan-domain

Syntax:

<vlan-range>	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19
dynamic	(Optional) Vlan allocation dynamically managed by APIC(default is static)
internal	(Optional) Vlan encap block role dynamically managed by APIC(default is external)

Command Mode: vlan-domain : Configure vlan domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vlan-domain <name> [dynamic] [type <domain-type>]
(config-vlan)# vlan <vlan-range> [dynamic] [internal]
```

vlan <vlan-range>

Description: Add VLANs to vlan-domain

Syntax:

<vlan-range>	VLAN ID 1-4094 or range(s): 1-5, 10 or 2-5,7-19
--------------	---

Command Mode: vsan-domain : Configure vsan domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vsan-domain <name>
(config-vsan)# vlan <vlan-range>
```

vlan <1-4094>

Description: Vlan encap for the Power Device

Syntax:

<1-4094>	Configure Vlan ID
----------	-------------------

Command Mode: switchport power-over-ethernet : Power Over Ethernet configuration

Command Path:

```
# configure [['terminal', 't']]
```

```
(config)# template policy-group <WORD>
(config-pol-grp-if)# switchport power-over-ethernet <WORD>
(config-power-over-ethernet)# vlan <1-4094>
```

vlan <1-4094>**Description:** Configure Vlan for inband epg Controller inband ports**Syntax:**

<1-4094>	Vlan interface number
----------	-----------------------

Command Mode: inband-mgmt : Enter Inside In-band management mode to modify inband properties or create new inband**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# inband-mgmt epg <WORD>
(config-inb-epg)# vlan <1-4094>
```

vlan <1-4094>**Description:** Configure Vlan for APIC Inband Port**Syntax:**

<1-4094>	Vlan interface number
----------	-----------------------

Command Mode: interface inband-mgmt0 : Inband management interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# controller
(config-controller)# interface inband-mgmt0
(config-controller-if)# vlan <1-4094>
```

vmware-domain

vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]

Description: Create a VMM VMWare Domain

Syntax:

<i>WORD</i>	VMM VMware Domain name
<i>WORD</i>	(Optional) Custom Delimiter
<i>access-mode</i>	(Optional) VMM VMware Domain Access Mode

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
```

vmware-domain member <WORD> [encap <WORD>] [primary-encap <WORD>] [allow-micro-segmentation] [deploy <WORD>] [push <WORD>] [binding-type staticBinding|dynamicBinding|ephemeral] [port-allocation fixed|elastic] [num-ports <WORD>] [delimiter <WORD>]

Description: Associate EPG to a VMWare Domain

Syntax:

member	Bind the EPG to a VMware domain
<i>WORD</i>	VMware Domain Name
<i>WORD</i>	(Optional) Enforce encap value. Secondary encap when EPG is isolated (For example vlan-10 or auto)
<i>WORD</i>	(Optional) Primary encap when EPG is isolated (For example vlan-11 or auto)
allow-micro-segmentation	(Optional) allow-micro-segmentation
<i>WORD</i>	(Optional) Deployment mode
<i>WORD</i>	(Optional) Push mode
<i>staticBinding</i>	(Optional) Binding Type
<i>dynamicBinding</i>	(Optional) Binding Type
<i>ephemeral</i>	(Optional) Binding Type
<i>fixed</i>	(Optional) Port Allocation

<i>elastic</i>	(Optional) Port Allocation
<i>WORD</i>	(Optional) Number of ports
<i>WORD</i>	(Optional) Custom Delimiter

Command Mode: epg : AEPg configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# vmware-domain member <WORD> [encap <WORD>] [primary-encap <WORD>]
[allow-micro-segmentation] [deploy <WORD>] [push <WORD>] [binding-type
staticBinding|dynamicBinding|ephemeral] [port-allocation fixed|elastic] [num-ports <WORD>]
[delimiter <WORD>]
```

vnic

vnic <vnic-name>

Description: Configure Virtual NIC as Cluster Member Interface

Syntax:

<vnic-name>	Name of VNIC of virtual cluster device.
-------------	---

Command Mode: member : Configure Cluster Interface Member

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# 1417 cluster name <WORD> type <type> vlan-domain <domain-name>
[switching-mode <switching-mode>] [service <service>] [function <function>] [context
<context>] [trunking <enable|disable>] [vm-instantiation-policy <vm-instantiation-policy>]
(config-cluster)# cluster-interface <WORD> [vlan <NUMBER>]
(config-cluster-interface)# member device <WORD> device-interface <WORD>
(config-member)# vnic <vnic-name>
```

vpc context

vpc context leaf <101-4000> <101-4000> [fex <fex>]

Description: Enter vpc context

Syntax:

leaf	Provide leaf details
<101-4000>	Id or Name of Leaf1
<101-4000>	Id or Name of Leaf2
fex	(Optional) Fex Id. Number range from=101 to=199

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
```

vpc domain consecutive

vpc domain consecutive

Description: Pair all discovered leaves consecutively e.g. 101-102, 103-104

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]  
(config)# vpc domain consecutive
```


vpc domain explicit

vpc domain explicit <NUMBER> leaf <101-4000> <101-4000>

Description: Pair two leaf nodes explicitly

Syntax:

<1-1000>	Domain Id. Number range from=1 to=1000
leaf	Pair two leaf nodes
<101-4000>	First leaf member of the Pair
<101-4000>	Second leaf member of the Pair

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# vpc domain explicit <NUMBER> leaf <101-4000> <101-4000>
```

vpc domain reciprocal

vpc domain reciprocal

Description: Pair all discovered leaves reciprocally e.g. 101-103, 102-104

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]  
(config)# vpc domain reciprocal
```

vrf-blacklist-mode

vrf-blacklist-mode

Description: Forwarding model for EPG (whitelist vs blacklist)

Command Mode: epg : AEPg configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# vrf-blacklist-mode
```

vrf

vrf context <WORD>**Description:** Configuration for vrf**Syntax:**

context	VRF name
<i>WORD</i>	VRF name (Max Size 64)

Command Mode: tenant : Tenant configuration mode**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# vrf context <WORD>
```

vrf member <WORD>**Description:** Configure VRF parameters**Syntax:**

member	Set L3Out's VRF membership
<i>WORD</i>	VRF name

Command Mode: l3out : Configuration for L3Out**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# l3out <WORD>
(config-tenant-l3out)# vrf member <WORD>
```

vrf member <WORD>**Description:** Associate the bridge-domain with a VRF**Syntax:**

member	Associate the bridge-domain with a VRF
<i>WORD</i>	VRF name to associated (Max Size 64)

Command Mode: bridge-domain : Configuration for bridge-domain**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# bridge-domain <WORD>
(config-tenant-bd)# vrf member <WORD>
```

vrf member <WORD>**Description:** Configure VRF parameters**Syntax:**

member	Set interface's VRF membership
<i>WORD</i>	VRF name

Command Mode: external-l3 epg : External L3 EPG configuration mode**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# external-l3 epg <WORD> [oob-mgmt] [l3out <l3out>]
(config-tenant-l3ext-epg)# vrf member <WORD>
```

vrf member tenant <WORD> vrf <WORD>**Description:** Configure VRF**Syntax:**

member	member
tenant	Tenant Name
<i>WORD</i>	Tenant name (Max Size 63)
vrf	Vrf Name
<i>WORD</i>	VRF name (Max Size 64)

Command Mode: flow exporter : Configure Netflow Exporter**Command Path:**

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# flow exporter <WORD> destination address <A.B.C.D or A:B::C:D> transport
udp <dstPort>
(config-tn-flow-exporter)# vrf member tenant <WORD> vrf <WORD>
```

vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]**Description:** Configure VRF parameters**Syntax:**

context	Enable VRF and enter VRF mode
tenant	Tenant for the VRF
<i>WORD</i>	Tenant name
vrf	Virtual Routing and Forwarding instance
<i>WORD</i>	VRF name
<i>l3out</i>	(Optional) Configure VRF in API created l3out

Command Mode: leaf : Configure Leaf Node

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
```

vrf member tenant <WORD> vrf <WORD>

Description: Configure VRF parameters

Syntax:

member	Set interface's VRF membership
tenant	Tenant
<i>WORD</i>	Tenant name
vrf	Virtual Routing and Forwarding instance
<i>WORD</i>	VRF name

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# vrf member tenant <WORD> vrf <WORD>
```

vrf member tenant <WORD> vrf <WORD> [l3out] WORD

Description: Configure VRF parameters

Syntax:

member	Set interface's VRF membership
tenant	Tenant

<i>WORD</i>	Tenant name
vrf	Virtual Routing and Forwarding instance
<i>WORD</i>	VRF name
l3out	(Optional) Enable VRF on one or more l3extOut
<i>WORD</i>	l3extOut Name

Command Mode: interface ethernet : Ethernet IEEE 802.3z

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface ethernet <ifRange>
(config-leaf-if)# vrf member tenant <WORD> vrf <WORD> [l3out] WORD
```

vrf member tenant <WORD> vrf <WORD> [l3out] WORD

Description: Configure VRF parameters

Syntax:

member	Set interface's VRF membership
tenant	Tenant
<i>WORD</i>	Tenant name
vrf	Virtual Routing and Forwarding instance
<i>WORD</i>	VRF name
l3out	(Optional) Enable VRF on one or more l3extOut
<i>WORD</i>	l3extOut Name

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# vrf member tenant <WORD> vrf <WORD> [l3out] WORD
```

vrf member tenant <WORD> vrf <WORD>

Description: Configure VRF information

Syntax:

member	Set VRF membership
--------	--------------------

tenant	Tenant
<i>WORD</i>	Tenant name
vrf	VRF
<i>WORD</i>	VRF name

Command Mode: router eigrp : Enhanced Interior Gateway Routing Protocol (EIGRP)

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# router eigrp default
(config-eigrp)# vrf member tenant <WORD> vrf <WORD>
```

vrf member tenant <WORD> vrf <WORD>

Description: Associate Router OSPF Policy with Tenant/VRF

Syntax:

member	Set VRF membership
tenant	Tenant for the OSPF Policy
<i>WORD</i>	Tenant name
vrf	VRF
<i>WORD</i>	VRF name

Command Mode: router ospf : Open Shortest Path First (OSPF and OSPF Version3)

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# router ospf default|multipod-internal
(config-leaf-ospf)# vrf member tenant <WORD> vrf <WORD>
```

vrf member tenant <WORD> vrf <WORD>

Description: Virtual Router Context

Syntax:

member	Set BGP's VRF membership
tenant	Tenant for the BGP Policy
<i>WORD</i>	Tenant Name (Max Size 63)
vrf	Virtual Routing and Forwarding instance

<i>WORD</i>	VRF Name (Max Size 64)
-------------	------------------------

Command Mode: router bgp : Border Gateway Protocol (BGP)

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# router bgp <fabric-ASN>
(config-leaf-bgp)# vrf member tenant <WORD> vrf <WORD>
```

vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]

Description: Configure VRF parameters

Syntax:

context	Enable VRF and enter VRF mode
tenant	Tenant for the VRF
<i>WORD</i>	Tenant name
vrf	Virtual Routing and Forwarding instance
<i>WORD</i>	VRF name
<i>l3out</i>	(Optional) Configure VRF in API created l3out

Command Mode: spine : Configure Spine Node

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# vrf context tenant <WORD> vrf <WORD> [l3out <l3out>]
```

vrf member tenant <WORD> vrf <WORD>

Description: Configure VRF parameters

Syntax:

member	Set interface's VRF membership
tenant	Tenant
<i>WORD</i>	Tenant name
vrf	Virtual Routing and Forwarding instance
<i>WORD</i>	VRF name

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vlan <1-4094>
(config-leaf-if)# vrf member tenant <WORD> vrf <WORD>
```

vrf member tenant <WORD> vrf <WORD> [l3out] WORD**Description:** Configure VRF parameters**Syntax:**

member	Set interface's VRF membership
tenant	Tenant
<i>WORD</i>	Tenant name
vrf	Virtual Routing and Forwarding instance
<i>WORD</i>	VRF name
l3out	(Optional) Enable VRF on one or more l3extOut
<i>WORD</i>	l3extOut Name

Command Mode: interface ethernet : Ethernet IEEE 802.3z**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface ethernet <ifRange>
(config-leaf-if)# vrf member tenant <WORD> vrf <WORD> [l3out] WORD
```

vrf member tenant <WORD> vrf <WORD> [l3out] WORD**Description:** Configure VRF parameters**Syntax:**

member	Set interface's VRF membership
tenant	Tenant
<i>WORD</i>	Tenant name
vrf	Virtual Routing and Forwarding instance
<i>WORD</i>	VRF name
l3out	(Optional) Enable VRF on one or more l3extOut
<i>WORD</i>	l3extOut Name

Command Mode: interface port-channel : Port Channel interface

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface port-channel <WORD> [fex <fex>]
(config-leaf-if)# vrf member tenant <WORD> vrf <WORD> [l3out] WORD
```

vrf member tenant <WORD> vrf <WORD>

Description: Configure VRF information

Syntax:

member	Set VRF membership
tenant	Tenant
WORD	Tenant name
vrf	VRF
WORD	VRF name

Command Mode: router eigrp : Enhanced Interior Gateway Routing Protocol (EIGRP)

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# router eigrp default
(config-eigrp)# vrf member tenant <WORD> vrf <WORD>
```

vrf member tenant <WORD> vrf <WORD>

Description: Associate Router OSPF Policy with Tenant/VRF

Syntax:

member	Set VRF membership
tenant	Tenant for the OSPF Policy
WORD	Tenant name
vrf	VRF
WORD	VRF name

Command Mode: router ospf : Open Shortest Path First (OSPF and OSPF Version3)

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
```

```
(config-spine)# router ospf default|multipod-internal
(config-leaf-ospf)# vrf member tenant <WORD> vrf <WORD>
```

vrf member tenant <WORD> vrf <WORD>

Description: Virtual Router Context

Syntax:

member	Set BGP's VRF membership
tenant	Tenant for the BGP Policy
WORD	Tenant Name (Max Size 63)
vrf	Virtual Routing and Forwarding instance
WORD	VRF Name (Max Size 64)

Command Mode: router bgp : Border Gateway Protocol (BGP)

Command Path:

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# router bgp <fabric-ASN>
(config-leaf-bgp)# vrf member tenant <WORD> vrf <WORD>
```

vrf member tenant <WORD> vrf <WORD>

Description: Configure VRF

Syntax:

member	member
tenant	Tenant Name
WORD	Tenant name (Max Size 63)
vrf	Vrf Name
WORD	VRF name (Max Size 64)

Command Mode: flow exporter : Configure Netflow Exporter

Command Path:

```
# configure [['terminal', 't']]
(config)# flow exporter <WORD> destination address <A.B.C.D or A:B::C:D> transport udp
<dstPort>
(config-flow-exporter)# vrf member tenant <WORD> vrf <WORD>
```

vrf member tenant <WORD> vrf <WORD>

Description: Configure VRF

Syntax:

member	member
tenant	Tenant Name
<i>WORD</i>	Tenant name (Max Size 63)
vrf	Vrf Name
<i>WORD</i>	VRF name (Max Size 64)

Command Mode: flow vm-exporter : Configure NetFlow Exporter for VM Networking

Command Path:

```
# configure [['terminal', 't']]
(config)# flow vm-exporter <WORD> destination address <A.B.C.D or A:B::C:D> transport udp
<dstPort>
(config-flow-vm-exporter)# vrf member tenant <WORD> vrf <WORD>
```

vsan-domain

vsan-domain <name>

Description: Configure vsan domain

Syntax:

<i>name</i>	Vsan domain name (Max Size 64)
-------------	--------------------------------

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# vsan-domain <name>
```

vsan-domain member <WORD>

Description: Associate Vsan Domain

Syntax:

member	Configure Vsan Domain Member
<i>WORD</i>	Vsan domain name (Max Size 64)

Command Mode: template fc-policy-group : Configure FC Policy Group Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template fc-policy-group <WORD>
(config-fc-pol-grp-if)# vsan-domain member <WORD>
```

vsan-domain member <WORD>

Description: Associate Vsan Domain

Syntax:

member	Configure Vsan Domain Member
<i>WORD</i>	Vsan domain name (Max Size 64)

Command Mode: template fc-port-channel : Configure FC Port-Channel Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# template fc-port-channel <WORD>
(config-fc-po-ch-if)# vsan-domain member <WORD>
```

vsan-domain member <WORD>**Description:** Associate Vsan Domain**Syntax:**

member	Configure Vsan Domain Member
<i>WORD</i>	Vsan domain name (Max Size 64)

Command Mode: template policy-group : Configure Policy Group Parameters**Command Path:**

```
# configure [['terminal', 't']]
(config)# template policy-group <WORD>
(config-pol-grp-if)# vsan-domain member <WORD>
```

vsan-domain member <WORD>**Description:** Associate Vsan Domain**Syntax:**

member	Configure Vsan Domain Member
<i>WORD</i>	Vsan domain name (Max Size 64)

Command Mode: template port-channel : Configure Port-Channel Parameters**Command Path:**

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-po-ch-if)# vsan-domain member <WORD>
```

vsan-domain member <WORD>**Description:** Associate Vsan Domain**Syntax:**

member	Configure Vsan Domain Member
<i>WORD</i>	Vsan domain name (Max Size 64)

Command Mode: interface vfc : Virtual Fiber Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc <ifRange>
(config-leaf-if)# vsan-domain member <WORD>
```

vsan-domain member <WORD>**Description:** Associate Vsan Domain**Syntax:**

member	Configure Vsan Domain Member
<i>WORD</i>	Vsan domain name (Max Size 64)

Command Mode: interface vfc-po : VFC Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# vsan-domain member <WORD>
```

vsan-domain member <WORD>**Description:** Associate Vsan Domain**Syntax:**

member	Configure Vsan Domain Member
<i>WORD</i>	Vsan domain name (Max Size 64)

Command Mode: interface fc : FC Interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc <ifRange>
(config-leaf-fc-if)# vsan-domain member <WORD>
```

vsan-domain member <WORD>**Description:** Associate Vsan Domain**Syntax:**

member	Configure Vsan Domain Member
<i>WORD</i>	Vsan domain name (Max Size 64)

Command Mode: interface fc-port-channel : FC Port Channel**Command Path:**

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# vsan-domain member <WORD>
```


vsan-domain member <WORD>**Description:** Associate Vsan Domain**Syntax:**

member	Configure Vsan Domain Member
<i>WORD</i>	Vsan domain name (Max Size 64)

Command Mode: interface vfc : Virtual Fiber Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc <ifRange>
(config-leaf-if)# vsan-domain member <WORD>
```

vsan-domain member <WORD>**Description:** Associate Vsan Domain**Syntax:**

member	Configure Vsan Domain Member
<i>WORD</i>	Vsan domain name (Max Size 64)

Command Mode: interface vfc-po : VFC Port Channel interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface vfc-po <WORD> [fex <fex>]
(config-leaf-if)# vsan-domain member <WORD>
```

vsan-domain member <WORD>**Description:** Associate Vsan Domain**Syntax:**

member	Configure Vsan Domain Member
<i>WORD</i>	Vsan domain name (Max Size 64)

Command Mode: interface fc : FC Interface**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc <ifRange>
(config-leaf-fc-if)# vsan-domain member <WORD>
```

vsan-domain member <WORD>**Description:** Associate Vsan Domain**Syntax:**

member	Configure Vsan Domain Member
<i>WORD</i>	Vsan domain name (Max Size 64)

Command Mode: interface fc-port-channel : FC Port Channel**Command Path:**

```
# configure [['terminal', 't']]
(config)# spine <101-4000>
(config-spine)# interface fc-port-channel <WORD>
(config-leaf-fc-pc)# vsan-domain member <WORD>
```

vsan-domain member <WORD>**Description:** Associate Vsan Domain**Syntax:**

member	Configure Vsan Domain Member
<i>WORD</i>	Vsan domain name (Max Size 64)

Command Mode: interface : Provide VPC Name**Command Path:**

```
# configure [['terminal', 't']]
(config)# vpc context leaf <101-4000> <101-4000> [fex <fex>]
(config-vpc)# interface vpc <WORD> [fex <fex>]
(config-vpc-if)# vsan-domain member <WORD>
```

vsan

vsan <vsan-range>

Description: Add VSANs to vsan-domain

Syntax:

<vsan-range>	VSAN ID 1-4093 or range(s): 1-5, 10 or 2-5,7-19
--------------	---

Command Mode: vsan-domain : Configure vsan domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vsan-domain <name>
(config-vsan)# vsan <vsan-range>
```

vxlan

vxlan multicast-pool <ip-range>

Description: Configure VXLAN multicast pool.

Syntax:

multicast-pool	multicast pool
<ip-range>	Multicast IP range

Command Mode: configure-avs : Configure a VMWare Domain as AVS (N1K) type

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-avs
(config-vmware-avs)# vxlan multicast-pool <ip-range>
```

vxlan multicast-pool <ip-range>

Description: Configure VXLAN multicast pool.

Syntax:

multicast-pool	multicast pool
<ip-range>	Multicast IP range

Command Mode: configure-ave : Configure a Cisco AVE domain

Command Path:

```
# configure [['terminal', 't']]
(config)# vmware-domain <WORD> [delimiter <WORD>] [access-mode <access-mode>]
(config-vmware)# configure-ave
(config-vmware-ave)# vxlan multicast-pool <ip-range>
```