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data

data <LINE>

Description: Set A user public key in PEM format.

Syntax:

<i>LINE</i>	user public key in PEM format in quotes (Max Size None)
-------------	---

Command Mode: ssh-key : Update ssh key for the user for ssh authentication

Command Path:

```
# configure [['terminal', 't']]
(config)# username <WORD>
(config-username)# ssh-key <WORD>
(config-ssh-key)# data <LINE>
```

data <CERTIFICATE>

Description: Set PEM encoded certificate

Syntax:

<i>CERTIFICATE</i>	PEM encoded certificate in quotes
--------------------	-----------------------------------

Command Mode: certificate : Create AAA user certificate in X.509 format.

Command Path:

```
# configure [['terminal', 't']]
(config)# username <WORD>
(config-username)# certificate <WORD>
(config-certificate)# data <CERTIFICATE>
```

dead-interval

dead-interval <NUMBER>

Description: Set the interval between hello packets from a neighbor before the router declares the neighbor as down

Syntax:

<1-65535>	Interval in seconds. Number range from=1 to=65535
-----------	---

Command Mode: template ospf interface-policy : Configure OSPF Interface Policy Templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ospf interface-policy <WORD> tenant <WORD>
(config-interface-policy)# dead-interval <NUMBER>
```

debug log reset

debug <node-name> <process> log reset

Description: Reset the log levels to default log level

Syntax:

<i><node-name></i>	Node name
<i><process></i>	Process name

Command Mode: exec : Exec Mode

Command Path:

```
# debug <node-name> <process> log reset
```

debug log set

debug <node-name> <process> log set <topic> <level>

Description: Set log level for a topic

Syntax:

<i><node-name></i>	Node name
<i><process></i>	Process name
<i><topic></i>	Topic name
<i><level></i>	Level name

Command Mode: exec : Exec Mode

Command Path:

```
# debug <node-name> <process> log set <topic> <level>
```

decommission controller

decommission controller <NUMBER>

Description: Decommission controller

Syntax:

<1-32>	Controller ID. Number range from=1 to=32
--------	--

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# decommission controller <NUMBER>
```

decommission switch

decommission switch <NUMBER> [remove-from-controller]

Description: Decommission switch

Syntax:

<101-4000>	Node ID. Number range from=101 to=4000
remove-from-controller	(Optional) Remove the switch from controller (optional)

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# decommission switch <NUMBER> [remove-from-controller]
```


default-information

default-information originate [always]

Description: Control origination of a default route

Syntax:

originate	Originate a default route
always	(Optional) Always advertise default route

Command Mode: vrf : Configure VRF information

Command Path:

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

default-information originate [always]

Description: Control origination of a default route

Syntax:

originate	Originate a default route
always	(Optional) Always advertise default route

Command Mode: vrf : Associate Router OSPF Policy with Tenant/VRF

Command Path:

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

default-originate

default-originate

Description: Originate a default toward this peer

Command Mode: neighbor : Configure a BGP neighbor

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# router bgp <fabric-ASN>
(config-bgp)# vrf member tenant <WORD> vrf <WORD>
(config-leaf-bgp-vrf)# neighbor A.B.C.D|A.B.C.D/LEN|A:B::C:D|A:B::C:D/LEN [l3out <WORD>]
(config-leaf-bgp-vrf-neighbor)# default-originate
```

deploy-epg tenant application epg type

deploy-epg tenant <WORD> application <WORD> epg <WORD> type micro-segmented

Description: Deploy micro-segmented AEPg on leaf

Syntax:

tenant	Tenant hosting the AEPg to deploy
<i>WORD</i>	Tenant hosting the AEPg to deploy (Max Size 63)
application	Application hosting the AEPg to deploy
<i>WORD</i>	Application Name (Max Size 64)
epg	AEPg to be deployed on the leaf
<i>WORD</i>	EPg that uses the statically enabled Encap. (Max Size 64)
micro-segmented	micro-segmented AEPg

Command Mode: leaf : Configure Leaf Node

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# deploy-epg tenant <WORD> application <WORD> epg <WORD> type micro-segmented
```

deploy-epg tenant application epg vlan

deploy-epg tenant <WORD> application <WORD> epg <WORD> vlan <NUMBER> vlan-domain member <WORD>

Description: Deploy regular AEPg on leaf

Syntax:

tenant	Tenant hosting the AEPg to deploy
<i>WORD</i>	Tenant hosting the AEPg to deploy (Max Size 63)
application	Application hosting the AEPg to deploy
<i>WORD</i>	Application Name (Max Size 64)
epg	AEPg to be deployed on the leaf
<i>WORD</i>	EPg that uses the statically enabled Encap. (Max Size 64)
<1-4094>	Encapsulation Vlan. Number range from=1 to=4094
vlan-domain	Vlan Domain for Encapsulation Vlan
member	Vlan Domain for Encapsulation Vlan
<i>WORD</i>	vlan-domain to use to validate encapsulation vlan. (Max Size 64)

Command Mode: leaf : Configure Leaf Node

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# deploy-epg tenant <WORD> application <WORD> epg <WORD> vlan <NUMBER>
vlan-domain member <WORD>
```

deployment-mode

deployment-mode <WORD>

Description: Set zone deployment mode

Syntax:

<i>WORD</i>	Zone Deployment Mode
-------------	----------------------

Command Mode: zone : Create zone policy

Command Path:

```
# configure [['terminal', 't']]
(config)# zones
(config-zones)# zone <WORD>
(config-zone)# deployment-mode <WORD>
```

descr

descr <WORD>

Description: RADIUS server descr for authentication

Syntax:

<WORD>	descr for authentication (Max Size 128)
--------	---

Command Mode: radius-server host : RADIUS server's DNS name or its IP address

Command Path:

```
# configure [['terminal', 't']]
(config)# radius-server host <A.B.C.D|A:B::C:D|WORD>
(config-host)# descr <WORD>
```

description

description <description>

Description: Add a description to a power supply redundancy policy

Syntax:

<i><description></i>	Power supply redundancy policy description string
----------------------------	---

Command Mode: power : Create a power supply redundancy policy

Command Path:

```
# configure [['terminal', 't']]
(config)# power redundancy-policy <WORD>
(config-power)# description <description>
```

description <LINE>

Description: Set description

Syntax:

<i>LINE</i>	Set description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	--

Command Mode: rbac security-domain : Create AAA security domain for processing authentication requests.

Command Path:

```
# configure [['terminal', 't']]
(config)# rbac security-domain <WORD>
(config-security-domain)# description <LINE>
```

description <WORD>

Description: The description of callhome destination-profile

Syntax:

<i>WORD</i>	The description (Max Size 128) surrounded by single quotes
-------------	--

Command Mode: destination-profile : Configure destination profile Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# callhome common
(config-callhome)# destination-profile
```

```
(config-callhome-destnprof)# description <WORD>
```

description <WORD>**Description:** Add switch-group description**Syntax:**

<i>WORD</i>	Description string, surrounded by single quotes if with spaces ex: 'My descr' (Max Size 128)
-------------	--

Command Mode: switch-group : Create switch firmware upgrade policy**Command Path:**

```
# configure [['terminal', 't']]
(config)# firmware
(config-firmware)# switch-group <WORD>
(config-firmware-switch)# description <WORD>
```

description <STRING>**Description:** Configure STP description**Syntax:**

<i>STRING</i>	Description
---------------	-------------

Command Mode: region : STP MST region configuration mode**Command Path:**

```
# configure [['terminal', 't']]
(config)# spanning-tree mst configuration
(config-stp)# region <WORD>
(config-stp-region)# description <STRING>
```

description <WORD>**Description:** Description string, surrounded by single quotes if with spaces ex: 'My descr'**Syntax:**

<i>WORD</i>	Description string, surrounded by single quotes if with spaces ex: 'My descr' (Max Size 128)
-------------	--

Command Mode: template dhcp relay : Create a DHCP Relay policy**Command Path:**

```
# configure [['terminal', 't']]
(config)# template dhcp relay policy <WORD>
```



```
(config-template-dhcp-relay)# description <WORD>
```

description <description>

Description: Update Policy-Group Template description

Syntax:

<i><description></i>	
----------------------------	--

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

Command Path:

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

description <description>

Description: Update Port-Channel Template description

Syntax:

<i><description></i>	
----------------------------	--

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

Command Path:

```
# configure [['terminal', 't']]
(config)# template port-channel <WORD>
(config-if)# description <description>
```

description <WORD>

Description: Add a description string to a tenant, surrounded by single quotes if with spaces ex: 'My descr'

Syntax:

<i>WORD</i>	Description string, surrounded by single quotes if with spaces ex: 'My descr' (Max Size 128)
-------------	--

Command Mode: tenant : tenant configuration mode

Command Path:

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

description <WORD>

Description: Add a description on a contract, surrounded by single quotes if with spaces ex: 'My descr'

Syntax:

<i>WORD</i>	Contract description, surrounded by single quotes if with spaces ex: 'My descr' (Max Size 128)
-------------	--

Command Mode: contract : Configure binary contracts between Application EPGs

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# contract <WORD> [type <type>]
(config-tenant-contract)# description <WORD>
```

description <WORD>

Description: Add a description on a subject, surrounded by single quotes if with spaces ex: 'My descr'

Syntax:

<i>WORD</i>	Subject description, surrounded by single quotes if with spaces ex: 'My descr' (Max Size 128)
-------------	---

Command Mode: subject : Configuration a subject on the contract

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# contract <WORD> [type <type>]
(config-tenant-contract)# subject <WORD>
(config-tenant-contract-subj)# description <WORD>
```

description <WORD>

Description: Add a description on a vrf, surrounded by single quotes if with spaces ex: 'My descr'

Syntax:

<i>WORD</i>	VRF description, surrounded by single quotes if with spaces ex: 'My descr' (Max Size 128)
-------------	---

Command Mode: vrf : Configuration for vrf

Command Path:

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

```
(config-tenant-vrf)# description <WORD>
```

description <WORD>

Description: Add a description on an application, surrounded by single quotes if with spaces ex: 'My descr'

Syntax:

<i>WORD</i>	Description string, surrounded by single quotes if with spaces ex: 'My descr' (Max Size 128)
-------------	--

Command Mode: application : application configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# description <WORD>
```

description <WORD>

Description: Add a description on an epg, surrounded by single quotes if with spaces ex: 'My descr'

Syntax:

<i>WORD</i>	Description string, surrounded by single quotes if with spaces ex: 'My descr' (Max Size 128)
-------------	--

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)# description <WORD>
```

description <epgDescr>

Description: Add a description on an epg

Syntax:

<epgDescr>	
------------	--

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)# description <epgDescr>
```

description <WORD>

Description: Add a description on a bridge-domain, surrounded by single quotes if with spaces ex: 'My descr'

Syntax:

<i>WORD</i>	Bridge-domain description, surrounded by single quotes if with spaces ex: 'My descr' (Max Size 128)
-------------	---

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# description <WORD>
```

description <WORD>

Description: Add a description on an epg, surrounded by single quotes if with spaces ex: 'My descr'

Syntax:

<i>WORD</i>	Description string, surrounded by single quotes if with spaces ex: 'My descr' (Max Size 128)
-------------	--

Command Mode: external-l2 : L2 external EPG creation/configuration

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# external-l2 epg <WORD>
(config-tenant-l2ext-epg)# description <WORD>
```

description <epgDescr>

Description: Add a description on an epg

Syntax:

<i><epgDescr></i>	
-------------------------	--

Command Mode: oob-mgmt : Creates/Modify the out of band mgmt under the tenant mgmt

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# oob-mgmt epg <epgval>
(config-oob-epg)# description <epgDescr>
```

description <WORD>

Description: Description string, surrounded by single quotes if with spaces ex: 'My descr'

Syntax:

<i>WORD</i>	Description string, surrounded by single quotes if with spaces ex: 'My descr' (Max Size 128)
-------------	--

Command Mode: template dhcp relay : Create a DHCP Relay policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template dhcp relay policy <WORD>
(config-tenant-template-dhcp-relay)# description <WORD>
```

description <LINE>

Description: Update igmp snooping policy description

Syntax:

<i>LINE</i>	IGMP snooping policy description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	---

Command Mode: template ip igmp snooping policy : Create an IGMP snooping policy

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# template ip igmp snooping policy <WORD>
(config-tenant-template-ip-igmp-snooping)# description <LINE>
```

description <LINE>

Description: Update Leaf Interface Profile description

Syntax:

<i>LINE</i>	Leaf-If-Profile description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	--

Command Mode: leaf-interface-profile : Create Leaf Interface Profile

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf-interface-profile <WORD>
(config-leaf-if-profile)# description <LINE>
```

description <LINE>

Description: Update Leaf Interface Group description

Syntax:

<i>LINE</i>	Leaf-If-group description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	---

Command Mode: leaf-interface-group : Configure Leaf Interface Group

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf-interface-profile <WORD>
(config-leaf-if-profile)# leaf-interface-group <WORD>
(config-leaf-if-group)# description <LINE>
```

description <LINE>

Description: Update Leaf Profile description

Syntax:

<i>LINE</i>	Leaf-Profile description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	--

Command Mode: leaf-profile : Configure Leaf Profile

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf-profile <WORD>
(config-leaf-profile)# description <LINE>
```

description <LINE>

Description: Update Leaf Group description

Syntax:

<i>LINE</i>	Leaf-group description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	--

Command Mode: leaf-group : Configure Leaf Group

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf-profile <WORD>
(config-leaf-profile)# leaf-group <WORD>
(config-leaf-group)# description <LINE>
```

description <LINE>

Description: Update Fex Profile description

Syntax:

<i>LINE</i>	Fex-Profile description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	---

Command Mode: fex-profile : Configure Fex Profile

Command Path:

```
# configure [['terminal', 't']]
(config)# fex-profile <WORD>
(config-fex-profile)# description <LINE>
```

description <LINE>

Description: Update Fex Interface Group description

Syntax:

<i>LINE</i>	Fex-If-group description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	--

Command Mode: fex-interface-group : Configure Fex Interface Group

Command Path:

```
# configure [['terminal', 't']]
(config)# fex-profile <WORD>
(config-fex-profile)# fex-interface-group <WORD>
(config-fex-if-group)# description <LINE>
```

description <LINE>

Description: Update interface vlan description

Syntax:

<i>LINE</i>	interface vlan description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	--

Command Mode: interface vlan : Vlan interface

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# interface vlan <1-4094>
(config-leaf-if)# description <LINE>
```

description <LINE>

Description: Update Interface description

Syntax:

<i>LINE</i>	Interface description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	--

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)# description <LINE>
```

description <LINE>

Description: Update Port-Channel description

Syntax:

<i>LINE</i>	Port-Channel description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	---

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)# description <LINE>
```

description <LINE>

Description: Update VPC description

Syntax:

<i>LINE</i>	VPC description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	--

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)# description <LINE>
```

description <LINE>

Description: Add description to the session

Syntax:

<i>LINE</i>	Session description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	--

Command Mode: monitor access : Configue monitor session for access interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# description <LINE>
```

description <LINE>

Description: Add description to the session

Syntax:

<i>LINE</i>	Session description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	--

Command Mode: monitor fabric : Configue monitor session for fabric interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor fabric session <session_name>
(config-monitor-fabric)# description <LINE>
```

description <LINE>

Description: Add description to the session

Syntax:

<i>LINE</i>	Session description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	--

Command Mode: monitor tenant : Configure monitor session for tenant EPGs

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor tenant <tenant_name> session <session_name>
(config-monitor-tenant)# description <LINE>
```

description <LINE>

Description: Add description to the session

Syntax:

<i>LINE</i>	Session description, use single quotes with spaces ex: 'my descr' (Max Size 128)
-------------	--

Command Mode: monitor virtual : Configure monitor session for virtual switches

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor virtual session <WORD>
(config-monitor-virtual)# description <LINE>
```

description <STRING>

Description: Configure schedule description

Syntax:

<i>STRING</i>	Scheduler description
---------------	-----------------------

Command Mode: scheduler : Scheduler configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# scheduler fabric|controller schedule <WORD>
(config-scheduler)# description <STRING>
```

description <WORD>

Description: Add description for this server-group

Syntax:

<i>WORD</i>	Description (Max Size 128) surrounded by single quotes
-------------	--

Command Mode: logging : Logging server group configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# logging server-group <WORD>
(config-logging)# description <WORD>
```

description <WORD>

Description: Add zone description

Syntax:

<i>WORD</i>	Description string, surrounded by single quotes if with spaces ex: 'My descr' (Max Size 128)
-------------	--

Command Mode: zone : Create zone policy

Command Path:

```
# configure [['terminal', 't']]
(config)# zones
(config-zones)# zone <WORD>
(config-zone)# description <WORD>
```

destination-profile

destination-profile

Description: Configure destination profile Parameters

Command Mode: callhome : Callhome common policy configuration mode

Command Path:

```
# configure [['terminal', 't']]
(config)# callhome common
(config-callhome)# destination-profile
```

destination

destination <WORD>

Description: Configure destination Parameters

Syntax:

<i>WORD</i>	The name (Max Size 64)
-------------	------------------------

Command Mode: destination-profile : Configure destination profile Parameters

Command Path:

```
# configure [['terminal', 't']]
(config)# callhome common
(config-callhome)# destination-profile
(config-callhome-destnprof)# destination <WORD>
```

destination tenant <tenant_name> application <application_name> epg <epg_name> destination-ip <A.B.C.D> source-ip-prefix <A.B.C.D/M>

Description: Configure monitor remote destination

Syntax:

tenant	tenant
<i>tenant_name</i>	tenant name (Max Size 63)
application	application
<i>application_name</i>	application name
epg	epg
<i>epg_name</i>	epg name
destination-ip	destination IP
<i>A.B.C.D</i>	IP address
source-ip-prefix	source IP prefix
<i>A.B.C.D/M</i>	IP address prefix

Command Mode: monitor fabric : Configue monitor session for fabric interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor fabric session <session_name>
(config-monitor-fabric)# destination tenant <tenant_name> application <application_name>
epg <epg_name> destination-ip <A.B.C.D> source-ip-prefix <A.B.C.D/M>
```

destination tenant <tenant_name> application <application_name> epg <epg_name> destination-ip <A.B.C.D> source-ip-prefix <A.B.C.D/M>

Description: Configure monitor remote destination

Syntax:

tenant	tenant
<i>tenant_name</i>	tenant name (Max Size 63)
application	application
<i>application_name</i>	application name (Max Size 64)
epg	epg
<i>epg_name</i>	epg name (Max Size 64)
destination-ip	destination IP
<i>A.B.C.D</i>	IP address
source-ip-prefix	source IP prefix
<i>A.B.C.D/M</i>	IP address prefix

Command Mode: monitor tenant : Configue monitor session for tenant EPGs

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor tenant <tenant_name> session <session_name>
(config-monitor-tenant)# destination tenant <tenant_name> application <application_name>
epg <epg_name> destination-ip <A.B.C.D> source-ip-prefix <A.B.C.D/M>
```

destination destip

destination destip <A.B.C.D>

Description: Configure monitor remote destination

Syntax:

<i>A.B.C.D</i>	Destination IP address
----------------	------------------------

Command Mode: monitor virtual : Configure monitor session for virtual switches

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor virtual session <WORD>
(config-monitor-virtual)# destination destip <A.B.C.D>
```

destination interface

destination interface ethernet <ethernet> leaf <leaf Id>

Description: Configure monitor local destination

Syntax:

ethernet	ethernet
<ethernet>	<ethernet>
leaf	leaf
<leaf Id>	leaf Id

Command Mode: monitor access : Configue monitor session for access interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# destination interface ethernet <ethernet> leaf <leaf Id>
```


destination tenant

destination tenant <tenant_name> **application** <application_name> **epg** <epg_name> **destination-ip** <A.B.C.D>
source-ip-prefix <A.B.C.D/M>

Description: Configure monitor remote destination

Syntax:

<i>tenant_name</i>	tenant name (Max Size 63)
application	application
<i>application_name</i>	application name (Max Size 64)
epg	epg
<i>epg_name</i>	epg name (Max Size 64)
destination-ip	destination IP
<i>A.B.C.D</i>	IP address
source-ip-prefix	source IP prefix
<i>A.B.C.D/M</i>	IP address prefix

Command Mode: monitor access : Configure monitor session for access interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# destination tenant <tenant_name> application <application_name>
epg <epg_name> destination-ip <A.B.C.D> source-ip-prefix <A.B.C.D/M>
```

destination tenant <WORD> **application** <WORD> **epg** <WORD> **mac**
E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE

Description: Configure monitor local destination

Syntax:

<i>WORD</i>	tenant name (Max Size 63)
application	application
<i>WORD</i>	application name (Max Size 64)
epg	epg

<i>WORD</i>	epg name (Max Size 64)
mac	mac
<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)

Command Mode: monitor virtual : Configure monitor session for virtual switches

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor virtual session <WORD>
(config-monitor-virtual)# destination tenant <WORD> application <WORD> epg <WORD> mac
E.E.E|EE-EE-EE-EE-EE-EE|EE:EE:EE:EE:EE:EE|EEEE.EEEE.EEEE
```

dhcp option

dhcp option <WORD> id <NUMBER> data <WORD>

Description: Add or modify an existing DHCP option when relayed from the server to the client

Syntax:

<i>WORD</i>	Name of the option to add (Max Size 64)
id	ID of the option
<0-255>	ID of the option. Number range from=0 to=255
data	Body of the Option TLV as hex string
<i>WORD</i>	Body of the Option TLV as hex string, surrounded by single quotes ex: 'foo*' (Max Size 256)

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# dhcp option <WORD> id <NUMBER> data <WORD>
```

dhcp relay policy

dhcp relay policy tenant[infra <WORD> [option <WORD>]

Description: Associate the BD with a DHCP Relay policy

Syntax:

tenant	Select DHCP policies from current Tenant
infra	Select DHCP policy from infra
<i>WORD</i>	Name of the DHCP relay policy (Max Size 64)
<i>WORD</i>	(Optional) Name of the DHCP option policy (Max Size 64)

Command Mode: interface : Configuration for interface bridge-domain

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# interface bridge-domain <WORD>
(config-tenant-interface)# dhcp relay policy tenant|infra <WORD> [option <WORD>]
```

dhparam

dhparam <dhparam>

Description: Set the DH parameter used for HTTPS communication service

Syntax:

<i>dhparam</i>	DH Param as comma separated values like val1,val2,..valN
----------------	--

Command Mode: https : HTTPS communication policy group

Command Path:

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

direction

direction both|rx|tx

Description: Monitor direction

Syntax:

both	both
rx	rx
tx	tx

Command Mode: source interface ethernet : Configure monitor for ethernet access interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# source interface ethernet <ethernet> leaf <leaf Id>
(config-monitor-access-source)# direction both|rx|tx
```

direction both|rx|tx

Description: Monitor direction

Syntax:

both	both
rx	rx
tx	tx

Command Mode: source interface port-channel : Configure monitor for port-channel interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# source interface port-channel <port-channel list> leaf <leaf Id>
[fx <fx Id>]
(config-monitor-access-source)# direction both|rx|tx
```

direction both|rx|tx

Description: Monitor direction

Syntax:

both	both
rx	rx
tx	tx

Command Mode: source interface vpc : Configure monitor for VPC interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor access session <session_name>
(config-monitor-access)# source interface vpc <vpc list> leaf <leaf Id1> <leaf Id2> [fex
<fex Ids>]
(config-monitor-access-source)# direction both|rx|tx
```

direction both|rx|tx

Description: Monitor direction

Syntax:

both	both
rx	rx
tx	tx

Command Mode: source interface ethernet : Configure monitor for ethernet fabric interfaces

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor fabric session <session_name>
(config-monitor-fabric)# source interface ethernet <ethernet> switch <switch Id>
(config-monitor-fabric-source)# direction both|rx|tx
```

direction both|rx|tx

Description: Monitor direction

Syntax:

both	both
rx	rx
tx	tx

Command Mode: source application : Configure EPG as monitor source

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor tenant <tenant_name> session <session_name>
(config-monitor-tenant)# source application <application_name> epg <epg_name>
(config-monitor-tenant-source)# direction both|rx|tx
```

direction both|rx|tx

Description: Configure monitor source direction

Syntax:

both	both
rx	rx
tx	tx

Command Mode: source : Configure monitor virtual source

Command Path:

```
# configure [['terminal', 't']]
(config)# monitor virtual session <WORD>
(config-monitor-virtual)# source tenant <WORD> application <WORD> epg <WORD> [mac <E.E.E
EE-EE-EE-EE-EE-EE EE:EE:EE:EE:EE:EE EEEE.EEEE.EEEE >]
(config-monitor-virtual-source)# direction both|rx|tx
```


disable-connected-check

disable-connected-check

Description: Disable check for directly connected peer

Command Mode: neighbor : Configure a BGP neighbor

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# router bgp <fabric-ASN>
(config-bgp)# vrf member tenant <WORD> vrf <WORD>
(config-leaf-bgp-vrf)# neighbor A.B.C.D|A.B.C.D/LEN|A:B::C:D|A:B::C:D/LEN [13out <WORD>]
(config-leaf-bgp-vrf-neighbor)# disable-connected-check
```

disable-peer-as-check

disable-peer-as-check

Description: Disable checking of peer AS-number while advertising

Command Mode: neighbor : Configure a BGP neighbor

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# router bgp <fabric-ASN>
(config-bgp)# vrf member tenant <WORD> vrf <WORD>
(config-leaf-bgp-vrf)# neighbor A.B.C.D|A.B.C.D/LEN|A:B::C:D|A:B::C:D/LEN [l3out <WORD>]
(config-leaf-bgp-vrf-neighbor)# disable-peer-as-check
```

distance

distance <NUMBER>

Description: Set OSPF Policy Preferred Administrative Distance

Syntax:

<1-255>	Distance Value. Number range from=1 to=255
---------	--

Command Mode: template ospf vrf-policy : Configure Router OSPF Timer Policy Templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template ospf vrf-policy <WORD> tenant <WORD>
(config-vrf-policy)# distance <NUMBER>
```

distance <NUMBER> <NUMBER> <NUMBER>

Description: Configure BGP Address Family Distance Properties

Syntax:

<1-255>	The administrative distance of eBGP routes. Number range from=1 to=255
<1-255>	The administrative distance of iBGP routes. Number range from=1 to=255
<1-255>	The administrative distance of local routes. Number range from=1 to=255

Command Mode: template bgp address-family : Configure Router BGP Address Family Templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template bgp address-family <WORD> tenant <WORD>
(config-bgp-af)# distance <NUMBER> <NUMBER> <NUMBER>
```

distance <NUMBER> <NUMBER>

Description: Set EIGRP administrative distances

Syntax:

<1-255>	The administrative distance preference for internal routes. Number range from=1 to=255
---------	--

</-255>	The administrative distance preference for external routes. Number range from=1 to=255
---------	--

Command Mode: template eigrp vrf-policy : Configure EIGRP VRF policy templates

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# template eigrp vrf-policy <WORD> tenant <WORD>
(config-template-eigrp-vrf-pol)# distance <NUMBER> <NUMBER>
```

distance <NUMBER> <NUMBER>

Description: Set EIGRP administrative distances

Syntax:

</-255>	The administrative distance preference for internal routes. Number range from=1 to=255
</-255>	The administrative distance preference for external routes. Number range from=1 to=255

Command Mode: address-family : EIGRP Policy Address Family

Command Path:

```
# configure [['terminal', 't']]
(config)# leaf <101-4000>
(config-leaf)# router eigrp default
(config-eigrp)# vrf member tenant <WORD> vrf <WORD>
(config-eigrp-vrf)# address-family ipv4|ipv6 unicast
(config-address-family)# distance <NUMBER> <NUMBER>
```

dns

dns

Description: Configure default dns policy

Command Mode: configure : Configuration Mode

Command Path:

```
# configure [['terminal', 't']]
(config)# dns
```

dns label <WORD>

Description: Add a DNS policy to the VRF

Syntax:

label	Dns policy to apply
<i>WORD</i>	Dns policy to apply (Max Size 64)

Command Mode: vrf : Configuration for vrf

Command Path:

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

dnssearchsuffix

dnssearchsuffix <suffix>

Description: Add DNS search suffix

Syntax:

<i>suffix</i>	suffix
---------------	--------

Command Mode: microsoft : Configure static ip pool

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# microsoft static-ip-pool <name> gateway <gwAddress>
(config-tenant-app-epg-ms-ip-pool)# dnssearchsuffix <suffix>
```

dnsservers

dnsservers <DNS server list>

Description: Add dns servers

Syntax:

<i>DNS server list</i>	DNS server list
------------------------	-----------------

Command Mode: microsoft : Configure static ip pool

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# microsoft static-ip-pool <name> gateway <gwAddress>
(config-tenant-app-epg-ms-ip-pool)# dnsservers <DNS server list>
```

dnssuffix

dnssuffix <suffix>

Description: Add dns suffix

Syntax:

<i>suffix</i>	suffix
---------------	--------

Command Mode: microsoft : Configure static ip pool

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# application <WORD>
(config-tenant-app)# epg <WORD> [type <WORD>]
(config-tenant-app-epg)# microsoft static-ip-pool <name> gateway <gwAddress>
(config-tenant-app-epg-ms-ip-pool)# dnssuffix <suffix>
```


domain

domain <WORD>

Description: Create the AAA domain to which the user belongs.

Syntax:

<i>WORD</i>	Domain for the user
-------------	---------------------

Command Mode: username : Create a locally-authenticated user account

Command Path:

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

domain <WORD> [default]

Description: Configure the domains for dns servers

Syntax:

<i>WORD</i>	Domain in the format ^([a-zA-Z][a-zA-Z][a-zA-Z0-9][a-zA-Z][a-zA-Z0-9-]{0,253}[a-zA-Z0-9])\$
default	(Optional) Set the default domain for dns servers

Command Mode: dns : Configure default dns policy

Command Path:

```
# configure [['terminal', 't']]
(config)# dns
(config-dns)# domain <WORD> [default]
```

dsr-vip

dsr-vip <WORD>

Description: Configure DSR VIP For a L4-L7 Graph Connector.

Syntax:

<i>WORD</i>	Enter VIP address (Max Size None)
-------------	-----------------------------------

Command Mode: connector : Configure Connector for a Service Node

Command Path:

```
# configure [['terminal', 't']]
(config)# tenant <WORD>
(config-tenant)# l4l7 graph <WORD> [contract <contract-option>]
(config-graph)# service <WORD> [device-cluster-tenant <WORD>] [device-cluster <WORD>] [mode
<Available Modes>]
(config-service)# connector <WORD> [cluster-interface <WORD>]
(config-connector)# dsr-vip <WORD>
```

dsr

dsr virtual-ip-address <address> [description <description>]

Description: Add a DSR virtual IP address

Syntax:

<code>virtual-ip-address</code>	Virtual IP address of load balancer
<code><address></code>	IP address
<code>description</code>	(Optional) description

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)# dsr virtual-ip-address <address> [description <description>]
```

