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show fabric database dci

```
show fabric database dci [ { vrf <vrf-name> [ peer-id <peer-ip-address> ] [ detail ] } ]
```

Syntax Description

show	Show running system information
fabric	Fabric
database	Fabric Database
dci	DCI Profile Database
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
peer-id	(Optional) management ip address of peer
<i>peer-ip-address</i>	(Optional) IP address in CIDR format
detail	(Optional) Show detailed information

Command Mode

- /exec

show fabric database dci

```
show fabric database dci [ { vrf { <vrf-name> | <vrf-known-name> } [ peer-id <peer-ip-address> ] [ detail ]
} ] [ __readonly__ [ TABLE_database_dci <vrf_name> <state> <flags> <profile> <instance> ] [
TABLE_database_dci_detail <request_time> <request_profile> <got_profile> <sent_to_ppm> <profile_apply>
<del_to_ppm> ] ]
```

Syntax Description

show	Show running system information
fabric	Fabric
database	Fabric Database
dci	DCI Profile Database
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
peer-id	(Optional) management ip address of peer
<i>peer-ip-address</i>	(Optional) IP address in CIDR format
detail	(Optional) Show detailed information
__readonly__	(Optional) Read Only
TABLE_database_dci	(Optional) table show fabric database dci
<i>vrf_name</i>	(Optional)
<i>state</i>	(Optional)
<i>flags</i>	(Optional)
<i>profile</i>	(Optional)
<i>instance</i>	(Optional)
TABLE_database_dci_detail	(Optional) detail for table show fabric database dci
<i>request_time</i>	(Optional)
<i>request_profile</i>	(Optional)
<i>got_profile</i>	(Optional)
<i>sent_to_ppm</i>	(Optional)
<i>profile_apply</i>	(Optional)

<i>del_to_ppm</i>	(Optional)
-------------------	------------

Command Mode

- /exec

show fabric database host

```
show fabric database host [ detail ] [ { vni <vni-id> } | { dot1q <vlan-id> } ] [ __readonly__ [
TABLE_database_host [ <trigger_source> ] [ <client_type> ] [ <got_trigger_at> ] [ <number_of_vdp_hosts>
] [ <number_of_associated_interfaces> ] [ <profile_be_un_applied_in_seconds> ] [
<new_vdp_requests_be_accepted_in_seconds> ] [ <recovered_profile_be_checked_for_validity_in_seconds>
] [ <mac_aging_checked_in_seconds> ] [ <sent_to_database_manager_at> ] [
<received_parameters_from_database_manager_at> ] [ <displaying_parameters_for_profile> ] [
<displaying_parameters_for_instance> ] [ <no_parameters_for_the_profile> ] [
<displaying_re_written_parameters_for_vpc_role> ] [ TABLE_parameter [ <parameter_index> ] [ <parameter>
] ] [ TABLE_static_profile <profile> <instance> <no_parameters_for_the_profile> ] [ TABLE_migrated_profile
<profile> <instance_index> <previous_profile> <previous_instance_index> ] [ TABLE_rollback_profile
<profile> <instance_index> ] [ <got_vlan_allocated_from_vlan_manager_at> ] [
<sent_apply_to_configuration_manager_at> ] [ <completed_executing_all_commands_at> ] [
<sent_to_vpc_peer_at> ] [ <completed_executing_all_commands_on_vpc_peer_at> ] [
<sent_un_apply_to_configuration_manager_at> ] [ <completed_unapplying_all_commands_at> ] ] ] [
TABLE_database_host_vni { [ <vni_id> ] [ <vlan_id> ] [ <state> <flag> <profile_name> <instance_name>
] [ <packet_arrival_time> <request_profile_time> <got_profile_time> <sent_to_PPM_time>
<profile_apply_time> <del_to_PPM_time> ] ] [ TABLE_database_host_detail <interface> <encap> <flags>
<state> [ <vsi_id> ] ] ] ] [ TABLE_database_host_vlan { [ <vlan_id> ] [ <vni_id> ] [ <state> <flag>
<profile_name> <instance_name> ] [ <packet_arrival_time> <request_profile_time> <got_profile_time>
<sent_to_PPM_time> <profile_apply_time> <del_to_PPM_time> ] ] [ TABLE_database_host_detail
<interface> <encap> <flags> <state> [ <vsi_id> ] ] ] ] [ TABLE_extranet_vrf_entries { <vrf> <13_vni>
<state> <profile> <instance> } ] ]
```

Syntax Description

show	Show running system information
fabric	Fabric
database	Fabric Database
host	Host to profile mapping
detail	(Optional) Show VDP hosts and interfaces
vni	(Optional) Virtual Network Identifier
<i>vni-id</i>	(Optional)
dot1q	(Optional) Dot1Q Encapsulation
<i>vlan-id</i>	(Optional)
__readonly__	(Optional) Read Only
TABLE_database_host	(Optional) table show fabric database host {dot1q vni}
<i>trigger_source</i>	(Optional) TODO
<i>client_type</i>	(Optional) TODO

<i>got_trigger_at</i>	(Optional) TODO
<i>number_of_vdp_hosts</i>	(Optional) TODO
<i>number_of_associated_interfaces</i>	(Optional) TODO
<i>profile_be_un_applied_in_seconds</i>	(Optional) TODO
<i>new_vdp_requests_be_accepted_in_seconds</i>	(Optional) TODO
<i>recovered_profile_be_checked_for_validity_in_seconds</i>	(Optional) TODO
<i>mac_aging_checked_in_seconds</i>	(Optional) TODO
<i>sent_to_database_manager_at</i>	(Optional) TODO
<i>received_parameters_from_database_manager_at</i>	(Optional) TODO
<i>displaying_parameters_for_profile</i>	(Optional) TODO
<i>displaying_parameters_for_instance</i>	(Optional) TODO
<i>no_parameters_for_the_profile</i>	(Optional) TODO
<i>displaying_re_written_parameters_for_vpc_role</i>	(Optional) TODO
TABLE_parameter	(Optional) table show the parameters
<i>parameter_index</i>	(Optional) TODO
<i>parameter</i>	(Optional) TODO
TABLE_static_profile	(Optional) show static profile
<i>profile</i>	(Optional) TODO
<i>instance</i>	(Optional) TODO
<i>no_parameters_for_the_profile</i>	(Optional) TODO
TABLE_migrated_profile	(Optional) show migrated profile
<i>profile</i>	(Optional) TODO
<i>instance_index</i>	(Optional) TODO
<i>previous_profile</i>	(Optional) TODO
<i>previous_instance_index</i>	(Optional) TODO
TABLE_rollback_profile	(Optional) show rollback profile
<i>profile</i>	(Optional) TODO
<i>instance_index</i>	(Optional) TODO
<i>got_vlan_allocated_from_vlan_manager_at</i>	(Optional) TODO

<i>sent_apply_to_configuration_manager_at</i>	(Optional) TODO
<i>completed_executing_all_commands_at</i>	(Optional) TODO
<i>sent_to_vpc_peer_at</i>	(Optional) TODO
<i>completed_executing_all_commands_on_vpc_peer_at</i>	(Optional) TODO
<i>sent_un_apply_to_configuration_manager_at</i>	(Optional) TODO
<i>completed_unapplying_all_commands_at</i>	(Optional) TODO
TABLE_database_host_vni	(Optional) table show fabric database host vni based
<i>vni_id</i>	(Optional) TODO Add comment
<i>vlan_id</i>	(Optional) TODO Add comment
<i>state</i>	(Optional) TODO Add comment
<i>flag</i>	(Optional) TODO
<i>profile_name</i>	(Optional) TODO
<i>instance_name</i>	(Optional) TODO
<i>packet_arrival_time</i>	(Optional) TODO
<i>request_profile_time</i>	(Optional) TODO
<i>got_profile_time</i>	(Optional) TODO
<i>sent_to_PPM_time</i>	(Optional) TODO
<i>profile_apply_time</i>	(Optional) TODO
<i>del_to_PPM_time</i>	(Optional) TODO
TABLE_database_host_detail	(Optional) table show fabric database host detail
<i>interface</i>	(Optional) TODO
<i>encap</i>	(Optional) TODO
<i>flags</i>	(Optional) TODO
<i>state</i>	(Optional) TODO
<i>vsi_id</i>	(Optional) TODO
TABLE_database_host_vlan	(Optional) table show fabric database host vlan based
<i>vlan_id</i>	(Optional) TODO Add comment
<i>vni_id</i>	(Optional) TODO Add comment
<i>state</i>	(Optional) TODO Add comment

<i>flag</i>	(Optional) TODO
<i>profile_name</i>	(Optional) TODO
<i>instance_name</i>	(Optional) TODO
<i>packet_arrival_time</i>	(Optional) TODO
<i>request_profile_time</i>	(Optional) TODO
<i>got_profile_time</i>	(Optional) TODO
<i>sent_to_PPM_time</i>	(Optional) TODO
<i>profile_apply_time</i>	(Optional) TODO
<i>del_to_PPM_time</i>	(Optional) TODO
TABLE_database_host_detail	(Optional) table show fabric database host detail
<i>interface</i>	(Optional) TODO
<i>encap</i>	(Optional) TODO
<i>flags</i>	(Optional) TODO
<i>state</i>	(Optional) TODO
<i>vsi_id</i>	(Optional) TODO
TABLE_extranet_vrf_entries	(Optional) table extranet VRF entries
<i>vrf</i>	(Optional) TODO
<i>l3_vni</i>	(Optional) TODO
<i>state</i>	(Optional) TODO
<i>profile</i>	(Optional) TODO
<i>instance</i>	(Optional) TODO

Command Mode

- /exec

show fabric database host

```
show fabric database host [ detail ] [ { vni <vni-id> } | { dot1q <vlan-id> } ] [ internal ] [ __readonly__ [
TABLE_database_host [ <trigger_source> ] [ <client_type> ] [ <got_trigger_at> ] [ <number_of_vdp_hosts>
] [ <number_of_associated_interfaces> ] [ <profile_be_un_applied_in_seconds> ] [
<new_vdp_requests_be_accepted_in_seconds> ] [ <recovered_profile_be_checked_for_validity_in_seconds>
] [ <sent_to_database_manager_at> ] [ <received_parameters_from_database_manager_at> ] [
<displaying_parameters_for_profile> ] [ <displaying_parameters_for_instance> ] [
<no_parameters_for_the_profile> ] [ <got_vlan_allocated_from_vlan_manager_at> ] [
<sent_apply_to_configuration_manager_at> ] [ <completed_executing_all_commands_at> ] [
<sent_to_vpc_peer_at> ] [ <completed_executing_all_commands_on_vpc_peer_at> ] [
<sent_un_apply_to_configuration_manager_at> ] [ <completed_unapplying_all_commands_at> ] [
<displaying_re_written_parameters_for_vpc_role> ] [ TABLE_parameter [ <parameter_index> ] [ <parameter>
] ] [ TABLE_static_profile <profile> <instance> <no_parameters_for_the_profile> ] [ TABLE_migrated_profile
<profile> <instance_index> <previous_profile> <previous_instance_index> ] [ TABLE_rollback_profile
<profile> <instance_index> ] ] [ TABLE_database_host_vni { [ <vni_id> ] [ <vlan_id> ] [ <state> <flag>
<profile_name> <instance_name> ] [ <packet_arrival_time> <request_profile_time> <got_profile_time>
<sent_to_PPM_time> <profile_apply_time> <del_to_PPM_time> ] [ { TABLE_database_host_detail
<interface> <encap> <flags> <state> [ <vsi_id> ] } ] ] ] [ TABLE_database_host_vlan { [ <vlan_id> ] [
<vni_id> ] [ <state> <flag> <profile_name> <instance_name> ] [ <packet_arrival_time> <request_profile_time>
<got_profile_time> <sent_to_PPM_time> <profile_apply_time> <del_to_PPM_time> ] [ {
TABLE_database_host_detail <interface> <encap> <flags> <state> [ <vsi_id> ] } ] ] ] [
TABLE_extranet_vrf_entries { <vrf> <l3_vni> <state> <profile> <instance> } ] ]
```

Syntax Description

show	Show running system information
fabric	Fabric
database	Fabric Database
host	Host to profile mapping
detail	(Optional) Show VDP hosts and interfaces
vni	(Optional) Virtual Network Identifier
<i>vni-id</i>	(Optional)
dot1q	(Optional) Dot1Q Encapsulation
<i>vlan-id</i>	(Optional)
internal	(Optional) Internal command
<code>__readonly__</code>	(Optional) Read Only
TABLE_database_host	(Optional) table show fabric database host {dot1q vni}
<i>trigger_source</i>	(Optional) TODO
<i>client_type</i>	(Optional) TODO

<i>got_trigger_at</i>	(Optional) TODO
<i>number_of_vdp_hosts</i>	(Optional) TODO
<i>number_of_associated_interfaces</i>	(Optional) TODO
<i>profile_be_un_applied_in_seconds</i>	(Optional) TODO
<i>new_vdp_requests_be_accepted_in_seconds</i>	(Optional) TODO
<i>recovered_profile_be_checked_for_validity_in_seconds</i>	(Optional) TODO
<i>sent_to_database_manager_at</i>	(Optional) TODO
<i>received_parameters_from_database_manager_at</i>	(Optional) TODO
<i>displaying_parameters_for_profile</i>	(Optional) TODO
<i>displaying_parameters_for_instance</i>	(Optional) TODO
<i>no_parameters_for_the_profile</i>	(Optional) TODO
<i>got_vlan_allocated_from_vlan_manager_at</i>	(Optional) TODO
<i>sent_apply_to_configuration_manager_at</i>	(Optional) TODO
<i>completed_executing_all_commands_at</i>	(Optional) TODO
<i>sent_to_vpc_peer_at</i>	(Optional) TODO
<i>completed_executing_all_commands_on_vpc_peer_at</i>	(Optional) TODO
<i>sent_un_apply_to_configuration_manager_at</i>	(Optional) TODO
<i>completed_unapplying_all_commands_at</i>	(Optional) TODO
<i>displaying_re_written_parameters_for_vpc_role</i>	(Optional) TODO
TABLE_parameter	(Optional) table show the parameters
<i>parameter_index</i>	(Optional) TODO
<i>parameter</i>	(Optional) TODO
TABLE_static_profile	(Optional) show static profile
<i>profile</i>	(Optional) TODO
<i>instance</i>	(Optional) TODO
<i>no_parameters_for_the_profile</i>	(Optional) TODO
TABLE_migrated_profile	(Optional) show migrated profile
<i>profile</i>	(Optional) TODO
<i>instance_index</i>	(Optional) TODO

<i>previous_profile</i>	(Optional) TODO
<i>previous_instance_index</i>	(Optional) TODO
TABLE_rollback_profile	(Optional) show rollback profile
<i>profile</i>	(Optional) TODO
<i>instance_index</i>	(Optional) TODO
TABLE_database_host_vni	(Optional) table show fabric database host vni based
<i>vni_id</i>	(Optional) TODO Add comment
<i>vlan_id</i>	(Optional) TODO Add comment
<i>state</i>	(Optional) TODO Add comment
<i>flag</i>	(Optional) TODO
<i>profile_name</i>	(Optional) TODO
<i>instance_name</i>	(Optional) TODO
<i>packet_arrival_time</i>	(Optional) TODO
<i>request_profile_time</i>	(Optional) TODO
<i>got_profile_time</i>	(Optional) TODO
<i>sent_to_PPM_time</i>	(Optional) TODO
<i>profile_apply_time</i>	(Optional) TODO
<i>del_to_PPM_time</i>	(Optional) TODO
TABLE_database_host_detail	(Optional) table show fabric database host detail
<i>interface</i>	(Optional) TODO
<i>encap</i>	(Optional) TODO
<i>flags</i>	(Optional) TODO
<i>state</i>	(Optional) TODO
<i>vsi_id</i>	(Optional) TODO
TABLE_database_host_vlan	(Optional) table show fabric database host vlan based
<i>vlan_id</i>	(Optional) TODO Add comment
<i>vni_id</i>	(Optional) TODO Add comment
<i>state</i>	(Optional) TODO Add comment
<i>flag</i>	(Optional) TODO

<i>profile_name</i>	(Optional) TODO
<i>instance_name</i>	(Optional) TODO
<i>packet_arrival_time</i>	(Optional) TODO
<i>request_profile_time</i>	(Optional) TODO
<i>got_profile_time</i>	(Optional) TODO
<i>sent_to_PPM_time</i>	(Optional) TODO
<i>profile_apply_time</i>	(Optional) TODO
<i>del_to_PPM_time</i>	(Optional) TODO
TABLE_database_host_detail	(Optional) table show fabric database host detail
<i>interface</i>	(Optional) TODO
<i>encap</i>	(Optional) TODO
<i>flags</i>	(Optional) TODO
<i>state</i>	(Optional) TODO
<i>vsi_id</i>	(Optional) TODO
TABLE_extranet_vrf_entries	(Optional) table extranet VRF entries
<i>vrf</i>	(Optional) TODO
<i>l3_vni</i>	(Optional) TODO
<i>state</i>	(Optional) TODO
<i>profile</i>	(Optional) TODO
<i>instance</i>	(Optional) TODO

Command Mode

- /exec

<i>duplicate_add_existing_host</i>	(Optional) TODO
<i>hmm_api_error_cannot_add_host</i>	(Optional) TODO
<i>existing_profile_new_host</i>	(Optional) TODO
<i>profile_apply_from_vpc_peer</i>	(Optional) TODO
<i>profile_un_apply_from_vpc_peer</i>	(Optional) TODO
<i>host_apply_from_vpc_peer</i>	(Optional) TODO
<i>host_un_apply_from_vpc_peer</i>	(Optional) TODO
<i>early_delete_cancel_add</i>	(Optional) TODO
<i>dhcp_requests</i>	(Optional) TODO
<i>dhcp_responses</i>	(Optional) TODO
<i>dhcp_error_responses</i>	(Optional) TODO
<i>adbm_requests</i>	(Optional) TODO
<i>adbm_responses</i>	(Optional) TODO
<i>adbm_error_responses</i>	(Optional) TODO
<i>adbm_error_requests</i>	(Optional) TODO
<i>vnseg_no_bridge_domain</i>	(Optional) TODO
<i>vnseg_encap_responses</i>	(Optional) TODO
<i>vnseg_vni_responses</i>	(Optional) TODO
<i>vnseg_unknown_responses</i>	(Optional) TODO
<i>vnseg_bd_down_notif</i>	(Optional) TODO
<i>no_mac_on_bd_notif</i>	(Optional) TODO
<i>refresh_failures</i>	(Optional) TODO
<i>profile_apply_received</i>	(Optional) TODO
<i>profile_vpc_queued</i>	(Optional) TODO
<i>profile_local_apply_queued</i>	(Optional) TODO
<i>profile_local_unapply_queued</i>	(Optional) TODO
<i>profile_apply_sent</i>	(Optional) TODO
<i>profile_apply_responses</i>	(Optional) TODO
<i>profile_apply_success</i>	(Optional) TODO

<i>profile_unapply_success</i>	(Optional) TODO
<i>profile_apply_failure</i>	(Optional) TODO
<i>profile_commands</i>	(Optional) TODO
<i>profile_error_incomplete_configs</i>	(Optional) TODO
<i>profile_api_error</i>	(Optional) TODO
<i>profile_unapply_sent</i>	(Optional) TODO
<i>profile_top_queue_adds</i>	(Optional) TODO
<i>profile_high_queue_adds</i>	(Optional) TODO
<i>profile_low_queue_adds</i>	(Optional) TODO
<i>profile_unapply_failure</i>	(Optional) TODO
<i>outstanding_vlan_requests</i>	(Optional) TODO
<i>outstanding_adbm_requests</i>	(Optional) TODO
<i>outstanding_profile_applies</i>	(Optional) TODO
<i>outstanding_vpc_profile_applies</i>	(Optional) TODO

Command Mode

- /exec

show fabric database host statistics

```
show fabric database host statistics [ __readonly__ [ TABLE_database_host_statistics { [ <data_snoop_triggers>
] [ <data_snoop_deletes> ] [ <vdp_association_requests> ] [ <vdp_deassociation_requests> ] [
<vdp_association_responses> ] [ <vdp_error_responses> ] [ <unsupported_interfaces> ] [
<no_profile_map_errors> ] [ <outstanding_delete_retry_add> ] [ <duplicate_add_existing_host> ] [
<hmm_api_error_cannot_add_host> ] [ <existing_profile_new_host> ] [ <profile_apply_from_vpc_peer> ]
[ <profile_un_apply_from_vpc_peer> ] [ <host_apply_from_vpc_peer> ] [ <host_un_apply_from_vpc_peer>
] [ <early_delete_cancel_add> ] [ <dhcp_requests> ] [ <dhcp_responses> ] [ <dhcp_error_responses> ] [
<adbm_requests> ] [ <adbm_responses> ] [ <adbm_error_responses> ] [ <adbm_error_requests> ] [
<vnseg_no_bridge_domain> ] [ <vnseg_encap_responses> ] [ <vnseg_vni_responses> ] [
<vnseg_unknown_responses> ] [ <refresh_failures> ] [ <profile_apply_received> ] [ <profile_vpc_queued>
] [ <profile_local_apply_queued> ] [ <profile_local_unapply_queued> ] [ <profile_apply_sent> ] [
<profile_apply_responses> ] [ <profile_apply_success> ] [ <profile_unapply_success> ] [
<profile_apply_failure> ] [ <profile_commands> ] [ <profile_error_incomplete_configs> ] [ <profile_api_error>
] [ <profile_unapply_sent> ] [ <profile_top_queue_adds> ] [ <profile_high_queue_adds> ] [
<profile_low_queue_adds> ] [ <profile_unapply_failure> ] [ <outstanding_vlan_requests> ] [
<outstanding_adbm_requests> ] [ <outstanding_profile_applies> ] [ <outstanding_vpc_profile_applies> }
] ] ]
```

Syntax Description

show	Show running system information
fabric	Fabric
database	Fabric Database
host	Auto-configured Hosts
statistics	Statistics - Mostly shows non-zero values
<i>__readonly__</i>	(Optional) Read Only
<i>TABLE_database_host_statistics</i>	(Optional) table show fabric database host statistics
<i>data_snoop_triggers</i>	(Optional) TODO
<i>data_snoop_deletes</i>	(Optional) TODO
<i>vdp_association_requests</i>	(Optional) TODO
<i>vdp_deassociation_requests</i>	(Optional) TODO
<i>vdp_association_responses</i>	(Optional) TODO
<i>vdp_error_responses</i>	(Optional) TODO
<i>unsupported_interfaces</i>	(Optional) TODO
<i>no_profile_map_errors</i>	(Optional) TODO
<i>outstanding_delete_retry_add</i>	(Optional) TODO

<i>duplicate_add_existing_host</i>	(Optional) TODO
<i>hmm_api_error_cannot_add_host</i>	(Optional) TODO
<i>existing_profile_new_host</i>	(Optional) TODO
<i>profile_apply_from_vpc_peer</i>	(Optional) TODO
<i>profile_un_apply_from_vpc_peer</i>	(Optional) TODO
<i>host_apply_from_vpc_peer</i>	(Optional) TODO
<i>host_un_apply_from_vpc_peer</i>	(Optional) TODO
<i>early_delete_cancel_add</i>	(Optional) TODO
<i>dhcp_requests</i>	(Optional) TODO
<i>dhcp_responses</i>	(Optional) TODO
<i>dhcp_error_responses</i>	(Optional) TODO
<i>adbm_requests</i>	(Optional) TODO
<i>adbm_responses</i>	(Optional) TODO
<i>adbm_error_responses</i>	(Optional) TODO
<i>adbm_error_requests</i>	(Optional) TODO
<i>vnseg_no_bridge_domain</i>	(Optional) TODO
<i>vnseg_encap_responses</i>	(Optional) TODO
<i>vnseg_vni_responses</i>	(Optional) TODO
<i>vnseg_unknown_responses</i>	(Optional) TODO
<i>refresh_failures</i>	(Optional) TODO
<i>profile_apply_received</i>	(Optional) TODO
<i>profile_vpc_queued</i>	(Optional) TODO
<i>profile_local_apply_queued</i>	(Optional) TODO
<i>profile_local_unapply_queued</i>	(Optional) TODO
<i>profile_apply_sent</i>	(Optional) TODO
<i>profile_apply_responses</i>	(Optional) TODO
<i>profile_apply_success</i>	(Optional) TODO
<i>profile_unapply_success</i>	(Optional) TODO
<i>profile_apply_failure</i>	(Optional) TODO

<i>profile_commands</i>	(Optional) TODO
<i>profile_error_incomplete_configs</i>	(Optional) TODO
<i>profile_api_error</i>	(Optional) TODO
<i>profile_unapply_sent</i>	(Optional) TODO
<i>profile_top_queue_adds</i>	(Optional) TODO
<i>profile_high_queue_adds</i>	(Optional) TODO
<i>profile_low_queue_adds</i>	(Optional) TODO
<i>profile_unapply_failure</i>	(Optional) TODO
<i>outstanding_vlan_requests</i>	(Optional) TODO
<i>outstanding_adbm_requests</i>	(Optional) TODO
<i>outstanding_profile_applies</i>	(Optional) TODO
<i>outstanding_vpc_profile_applies</i>	(Optional) TODO

Command Mode

- /exec

show fabric database host summary

```
show fabric database host summary [ __readonly__ [ TABLE_database_host_summary {
<number_of_instances_applied> <number_of_vdp_hosts> <recovery_timeout_minute>
<cleanup_timeout_minute> <vdp_add_suppression_timeout_minute> <mac_aging_timeout_minute> } ] ]
```

Syntax Description

show	Show running system information
fabric	Fabric
database	Fabric Database
host	Auto-configured Hosts
summary	Summary
<i>__readonly__</i>	(Optional) Read Only
<i>TABLE_database_host_summary</i>	(Optional) table show fabric database host summary
<i>number_of_instances_applied</i>	(Optional) TODO
<i>number_of_vdp_hosts</i>	(Optional) TODO
<i>recovery_timeout_minute</i>	(Optional) TODO
<i>cleanup_timeout_minute</i>	(Optional) TODO
<i>vdp_add_suppression_timeout_minute</i>	(Optional) TODO
<i>mac_aging_timeout_minute</i>	(Optional) TODO

Command Mode

- /exec

show fabric database host summary

```
show fabric database host summary [ __readonly__ [ TABLE_database_host_summary {
<number_of_instances_applied> <number_of_vdp_hosts> <recovery_timeout_minute>
<cleanup_timeout_minute> <vdp_add_suppression_timeout_minute> } ] ]
```

Syntax Description

show	Show running system information
fabric	Fabric
database	Fabric Database
host	Auto-configured Hosts
summary	Summary
<i>__readonly__</i>	(Optional) Read Only
<i>TABLE_database_host_summary</i>	(Optional) table show fabric database host summary
<i>number_of_instances_applied</i>	(Optional) TODO
<i>number_of_vdp_hosts</i>	(Optional) TODO
<i>recovery_timeout_minute</i>	(Optional) TODO
<i>cleanup_timeout_minute</i>	(Optional) TODO
<i>vdp_add_suppression_timeout_minute</i>	(Optional) TODO

Command Mode

- /exec

show fabric database profile-map

```
show fabric database profile-map { global | [ <id> | interface <interface-id> ] } [ __readonly__ [
TABLE_database_profile_map { <map> <proto> <vni> <dot1q> <flags> <profile_name> } ] ]
```

Syntax Description

show	Show running system information
fabric	Fabric
database	Fabric Database
profile-map	Profile Map
global	Global profile (apply to all interfaces)
<i>id</i>	(Optional) Profile Map ID
interface	(Optional) Specified interface to display
<i>interface-id</i>	(Optional) Name of interface
<i>__readonly__</i>	(Optional) Read Only
TABLE_database_profile_map	(Optional) table show fabric database profile-map
<i>map</i>	(Optional) TODO
<i>proto</i>	(Optional) TODO
<i>vni</i>	(Optional) TODO
<i>dot1q</i>	(Optional) TODO
<i>flags</i>	(Optional) TODO
<i>profile_name</i>	(Optional) TODO

Command Mode

- /exec

show fabric database profile-map

```
show fabric database profile-map { global | [ <id> | interface <interface-id> ] } [ __readonly__ [
TABLE_database_profile_map { <map> <proto> <vni> <dot1q> <flags> <profile_name> } ] ]
```

Syntax Description

show	Show running system information
fabric	Fabric
database	Fabric Database
profile-map	Profile Map
global	Global profile (apply to all interfaces)
<i>id</i>	(Optional) Profile Map ID
interface	(Optional) Specified interface to display
<i>interface-id</i>	(Optional) Name of interface
<i>__readonly__</i>	(Optional) Read Only
TABLE_database_profile_map	(Optional) table show fabric database profile-map
<i>map</i>	(Optional) TODO
<i>proto</i>	(Optional) TODO
<i>vni</i>	(Optional) TODO
<i>dot1q</i>	(Optional) TODO
<i>flags</i>	(Optional) TODO
<i>profile_name</i>	(Optional) TODO

Command Mode

- /exec

show fabric database statistics

```
show fabric database statistics [ type { network | profile | cabling | partition | bl-dci } ] [ __readonly__ {
TABLE_types <dbtype> <requests> <dispatched> <not_dispatched> <re_dispatched> } [ { TABLE_dbs
<is_active> <type> <prot> <serverdb> [ <reqs> <ok> <nores> <err> <tmout> <pend> } ] ] ]
```

Syntax Description

show	Show running system information
fabric	Fabric
database	Show Fabric Database
statistics	Show database statistics
type	(Optional) Enter database type
network	(Optional) Network Database
profile	(Optional) Port or Switch Profile Database
cabling	(Optional) Cable Management Database
partition	(Optional) Partition Database
bl-dci	(Optional) Border Leaf - DCI
__readonly__	(Optional)
TABLE_types	(Optional) totals by type
<i>dbtype</i>	(Optional) type of database
<i>requests</i>	(Optional) number of requests
<i>dispatched</i>	(Optional) number dispatched
<i>not_dispatched</i>	(Optional) number not dispatched
<i>re_dispatched</i>	(Optional) number re-dispatched
TABLE_dbs	(Optional) per-database stats
<i>is_active</i>	(Optional) active/inactive
<i>type</i>	(Optional) database type
<i>prot</i>	(Optional) database protocol
<i>serverdb</i>	(Optional) server database
<i>reqs</i>	(Optional) requests
<i>ok</i>	(Optional) OK

<i>nores</i>	(Optional) nores
<i>err</i>	(Optional) err
<i>tmout</i>	(Optional) tmout
<i>pend</i>	(Optional) pend

Command Mode

- /exec

show fabric forwarding host-db

```
show fabric forwarding host-db [ { vrf { <vrf-name> | <vrf-known-name> | all } } ] [ __readonly__ [
TABLE_forwarding_host_db_vrf { <vrf> <vrf_id> <vrf_state> <vrf_reason> <vni_id> <refcount>
<conversational_learning> [ TABLE_limit_type <limit_type> <enable> <threshold> <action> ] [ TABLE_ipv4
<address_family> <vrf> <table_id> <table_state> <refcount> <local_hosts> <remote_hosts> <aggregates>
[ TABLE_aggregate_list <aggregate_subnet_prefix_list> ] ] [ TABLE_ipv6 <address_family> <vrf> <table_id>
<table_state> <refcount> <local_hosts> <remote_hosts> <aggregates> [ TABLE_aggregate_list
<aggregate_subnet_prefix_list> ] ] ] ] ]
```

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
host-db	Host Database info
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
__readonly__	(Optional) Read Only
TABLE_forwarding_host_db_vrf	(Optional) table show fabric forwarding host-db vrf
<i>vrf</i>	(Optional) TODO
<i>vrf_id</i>	(Optional) TODO
<i>vrf_state</i>	(Optional) TODO
<i>vrf_reason</i>	(Optional) TODO
<i>vni_id</i>	(Optional) TODO
<i>refcount</i>	(Optional) TODO
<i>conversational_learning</i>	(Optional) TODO
TABLE_limit_type	(Optional) table for limit type
<i>limit_type</i>	(Optional) TODO
<i>enable</i>	(Optional) TODO
<i>threshold</i>	(Optional) TODO
<i>action</i>	(Optional) TODO

TABLE_ipv4	(Optional) Information for address family IPv4
<i>address_family</i>	(Optional) TODO
<i>vrf</i>	(Optional) TODO
<i>table_id</i>	(Optional) TODO
<i>table_state</i>	(Optional) TODO
<i>refcount</i>	(Optional) TODO
<i>local_hosts</i>	(Optional) TODO
<i>remote_hosts</i>	(Optional) TODO
<i>aggregates</i>	(Optional) TODO
TABLE_aggregate_list	(Optional) table for aggregate subnet prefix list
<i>aggregate_subnet_prefix_list</i>	(Optional) TODO
TABLE_ipv6	(Optional) Information for address family IPv6
<i>address_family</i>	(Optional) TODO
<i>vrf</i>	(Optional) TODO
<i>table_id</i>	(Optional) TODO
<i>table_state</i>	(Optional) TODO
<i>refcount</i>	(Optional) TODO
<i>local_hosts</i>	(Optional) TODO
<i>remote_hosts</i>	(Optional) TODO
<i>aggregates</i>	(Optional) TODO
TABLE_aggregate_list	(Optional) table for aggregate subnet prefix list
<i>aggregate_subnet_prefix_list</i>	(Optional) TODO

Command Mode

- /exec

show fabric forwarding ip

```
show fabric forwarding ip { { local-host-db | remote-host-db | aggregate-subnet-prefix } [ { vrf { <vrf-name>
| <vrf-known-name> | all } } ] [ <ip-prefix> ] } [ __readonly__ [ TABLE_forwarding_ip_local_host_db_vrf
{ <hmm_host> <vrf> <status_in> { TABLE_hosts <host> <mac_address> <svi> <flags_0x>
<physical_interface> <status> } } ] [ TABLE_forwarding_ip_remote_host_db_vrf { <hmm_host> <vrf>
<status_in> { TABLE_hosts <host> <source> <active> <flags_0x> <status> } } ] [
TABLE_forwarding_ip_aggregate_subnet_prefix_vrf { <hmm_host> <vrf> <status_in> { TABLE_hosts
<host> <type> <flags_0x> <status> } } ] ]
```

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
ip	Display IP information
local-host-db	HMM Local Host Database
remote-host-db	HMM Remote Host Database
aggregate-subnet-prefix	HMM Aggregate subnet prefix
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
<i>ip-prefix</i>	(Optional) IP prefix in CIDR format
<i>__readonly__</i>	(Optional) Read Only
TABLE_forwarding_ip_local_host_db_vrf	(Optional) table show fabric forwarding ip local-host-db vrf
<i>hmm_host</i>	(Optional) TODO
<i>vrf</i>	(Optional) TODO
<i>status_in</i>	(Optional) TODO
TABLE_hosts	(Optional) table show information for each hosts
<i>host</i>	(Optional) TODO
<i>mac_address</i>	(Optional) TODO
<i>svi</i>	(Optional) TODO
<i>flags_0x</i>	(Optional) TODO

<i>physical_interface</i>	(Optional) TODO
<i>status</i>	(Optional) *-valid, x-deleted, a-aged out, c-cleaned
TABLE_forwarding_ip_remote_host_db_vrf	(Optional) table show fabric forwarding ip remote-host-db vrf
<i>hmm_host</i>	(Optional) TODO
<i>vrf</i>	(Optional) TODO
<i>status_in</i>	(Optional) TODO
TABLE_hosts	(Optional) table show information for each hosts
<i>host</i>	(Optional) TODO
<i>source</i>	(Optional) TODO
<i>active</i>	(Optional) TODO
<i>flags_0x</i>	(Optional) TODO
<i>status</i>	(Optional) *-valid, x-deleted, a-aged out, c-cleaned
TABLE_forwarding_ip_aggregate_subnet_prefix_vrf	(Optional) table show fabric forwarding ip aggregate-subnet-prefix vrf
<i>hmm_host</i>	(Optional) TODO
<i>vrf</i>	(Optional) TODO
<i>status_in</i>	(Optional) TODO
TABLE_hosts	(Optional) table show information for each hosts
<i>host</i>	(Optional) TODO
<i>type</i>	(Optional) TODO
<i>flags_0x</i>	(Optional) TODO
<i>status</i>	(Optional) *-valid, x-deleted, a-aged out, c-cleaned

Command Mode

- /exec

show fabric forwarding ipv6

```
show fabric forwarding ipv6 { { local-host-db | remote-host-db | aggregate-subnet-prefix } [ { vrf { <vrf-name>
| <vrf-known-name> | all } } ] [ <ipv6-prefix> ] [ __readonly__ [ TABLE_forwarding_ipv6_local_host_db_vrf
{ <hmm_host> <vrf> <status_in> { TABLE_hosts <host> <mac_address> <svi> <flags_0x>
<physical_interface> <status> } } ] [ TABLE_forwarding_ipv6_remote_host_db_vrf { <hmm_host> <vrf>
<status_in> { TABLE_hosts <host> <source> <active> <flags_0x> <status> } } ] [
TABLE_forwarding_ipv6_aggregate_subnet_prefix_vrf { <hmm_host> <vrf> <status_in> { TABLE_hosts
<host> <type> <flags_0x> <status> } } ] ] ]
```

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
ipv6	Display IPv6 information
local-host-db	HMM Local Host Database
remote-host-db	HMM Remote Host Database
aggregate-subnet-prefix	HMM Aggregate subnet prefix
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
__readonly__	(Optional) Read Only
TABLE_forwarding_ipv6_local_host_db_vrf	(Optional) table show fabric forwarding ipv6 local-host-db vrf
<i>hmm_host</i>	(Optional) TODO
<i>vrf</i>	(Optional) TODO
<i>status_in</i>	(Optional) TODO
TABLE_hosts	(Optional) table show information for each hosts
<i>host</i>	(Optional) TODO
<i>mac_address</i>	(Optional) TODO
<i>svi</i>	(Optional) TODO
<i>flags_0x</i>	(Optional) TODO
<i>physical_interface</i>	(Optional) TODO

<i>status</i>	(Optional) *-valid, x-deleted, a-aged out, c-cleaned
TABLE_forwarding_ipv6_remote_host_db_vrf	(Optional) table show fabric forwarding ipv6 remote-host-db vrf
<i>hmm_host</i>	(Optional) TODO
<i>vrf</i>	(Optional) TODO
<i>status_in</i>	(Optional) TODO
TABLE_hosts	(Optional) table show information for each hosts
<i>host</i>	(Optional) TODO
<i>source</i>	(Optional) TODO
<i>active</i>	(Optional) TODO
<i>flags_0x</i>	(Optional) TODO
<i>status</i>	(Optional) *-valid, x-deleted, a-aged out, c-cleaned
TABLE_forwarding_ipv6_aggregate_subnet_prefix_vrf	(Optional) table show fabric forwarding ipv6 aggregate-subnet-prefix vrf
<i>hmm_host</i>	(Optional) TODO
<i>vrf</i>	(Optional) TODO
<i>status_in</i>	(Optional) TODO
TABLE_hosts	(Optional) table show information for each hosts
<i>host</i>	(Optional) TODO
<i>type</i>	(Optional) TODO
<i>flags_0x</i>	(Optional) TODO
<i>status</i>	(Optional) *-valid, x-deleted, a-aged out, c-cleaned

Command Mode

- /exec

show fabric forwarding statistics conversational-learning

```
show fabric forwarding statistics conversational-learning [ ip | ipv6 ] { source-limit [ <ip-prefix> | <ipv6-prefix>
] | max-conversation-limit | port-limit [ <port> ] } [ { vrf { <vrf-name> | <vrf-known-name> | all } } ] [
__readonly__ [ TABLE_forwarding_stat_conv_learning_limit_stats_for_vrf { <vrf> <limit_type> <enable>
[ <threshold> ] [ <action> ] [ { TABLE_limit_type_src <hmm_conv_learning_stats_for_address_family>
<source> <in_add_q> <in_rib> <hit_threshold> } ] [ { TABLE_limit_type_total <type> <ipv4_r/p> <ipv6_r/p>
<total> <hit_threshold> } ] [ { TABLE_limit_type_port <port> <ipv4_r/p> <ipv6_r/p> <total> <hit_threshold>
} ] } ] ] ]
```

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
statistics	Statistics
conversational-learning	Conversational Learning statistics based FIB Route Download
ip	(Optional) Display IP information
ipv6	(Optional) Display IPv6 information
source-limit	Number of active conversations from a source host
<i>ip-prefix</i>	(Optional) IP prefix in CIDR format
max-conversation-limit	Number of active conversations
port-limit	Number of active conversations from a physical port
<i>port</i>	(Optional) Interface name
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
__readonly__	(Optional) Read Only
TABLE_forwarding_stat_conv_learning_limit_stats_for_vrf	(Optional) table show fabric forwarding statistics conversational-learning
<i>vrf</i>	(Optional) TODO
<i>limit_type</i>	(Optional) TODO
<i>enable</i>	(Optional) TODO
<i>threshold</i>	(Optional) TODO

<i>action</i>	(Optional) TODO
TABLE_limit_type_src	(Optional) source-limit
<i>hmm_conv_learning_stats_for_address_family</i>	(Optional) TODO
<i>source</i>	(Optional) TODO
<i>in_add_q</i>	(Optional) TODO
<i>in_rib</i>	(Optional) TODO
<i>hit_threshold</i>	(Optional) TODO
TABLE_limite_type_total	(Optional) max-conversation-limit
<i>type</i>	(Optional) TODO
<i>ipv4_r/p</i>	(Optional) TODO
<i>ipv6_r/p</i>	(Optional) TODO
<i>total</i>	(Optional) TODO
<i>hit_threshold</i>	(Optional) TODO
TABLE_limit_type_port	(Optional) port-limit
<i>port</i>	(Optional) TODO
<i>ipv4_r/p</i>	(Optional) TODO
<i>ipv6_r/p</i>	(Optional) TODO
<i>total</i>	(Optional) TODO
<i>hit_threshold</i>	(Optional) TODO

Command Mode

- /exec

show fabricpath conflict

```
show fabricpath conflict { link | ftag | switch-id | transitions | all } [ detail ] [ __readonly__ <no_ports_up_str>
<no_swid_conflict_str> <no_ftag_conflict_str> <no_trans_str> <conflict_info_flag> <ports-hdr> {
TABLE_ports <if_index> <reason> } <swid-hdr> { TABLE_swid <switch-id> <system-id> <static> }
<ftag-hdr> { TABLE_ftag <ftag-id> <topology> <tree-id> } <trans-hdr> { TABLE_trans <old_swid>
<new_swid> <system-id> } ]
```

Syntax Description

fabricpath	fabricpath information
conflict	Conflicting resources
link	show links
ftag	show ftags
switch-id	show switch-ids
transitions	show transitions
all	show all
detail	(Optional) show detail
<i>__readonly__</i>	(Optional) Read Only
<i>no_ports_up_str</i>	(Optional) No ports coming up
<i>no_swid_conflict_str</i>	(Optional) No switch-id conflicts
<i>no_ftag_conflict_str</i>	(Optional) No Ftag Conflicts
<i>no_trans_str</i>	(Optional) No Transitions
<i>conflict_info_flag</i>	(Optional) Conflict Information
TABLE_ports	(Optional) Ports table
TABLE_swid	(Optional) Switch-id conflict Table
TABLE_ftag	(Optional) Ftag conflict Table
TABLE_trans	(Optional) Transition Table
<i>ports-hdr</i>	(Optional) Ports table start
<i>swid-hdr</i>	(Optional) Switch-id conflict table start
<i>ftag-hdr</i>	(Optional) Ftag conflict Table start
<i>trans-hdr</i>	(Optional) Transitions table start
<i>if_index</i>	(Optional) Interface

<i>reason</i>	(Optional) port down reason
<i>switch-id</i>	(Optional) Switch-id Value
<i>system-id</i>	(Optional) System ID
<i>static</i>	(Optional) Static or Dynamic switch-id
<i>ftag-id</i>	(Optional) Ftag value
<i>topology</i>	(Optional) Topology
<i>tree-id</i>	(Optional) Tree or graph ID
<i>old_swid</i>	(Optional) Old switch-id
<i>new_swid</i>	(Optional) New switch-id
<i>system-id</i>	(Optional) System ID

Command Mode

- /exec

show fabricpath counters dropped

```
show fabricpath counters dropped [ module <module> ] [ __readonly__ <mod_bmp> <vdc_id> <msg>
<is_brief> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
counters	Show fabricpath counters
dropped	Packets dropped due to various vlan errors
module	(Optional) Specify one module
<i>module</i>	(Optional) Module number
<i>__readonly__</i>	(Optional) Read Only
<i>mod_bmp</i>	(Optional) Bitmap of valid modules
<i>vdc_id</i>	(Optional) Current VDC id
<i>msg</i>	(Optional) Message to give details about command execution
<i>is_brief</i>	(Optional) Show summary for all modules or show counter for each module instance

Command Mode

- /exec

show fabricpath isis

```
show fabricpath isis [ <l2mp-isis-tag> ] [ protocol ] [ __readonly__ TABLE_process_tag <process-tag-out>
<system-id-out> <is-type-out> <fab-ctl-out> <sap-out> <qh-out> <mtu-out> <gr-status-out> <gr-state-out>
<last-gr-status-out> <gr-t3-timer-out> <metric-send-out> <metric-accept-out> <area-addr-out> <proc-state-out>
<vrf-id-out> [ <te-lvl-out> <te-ted-out> ] [ <mpls-te-out> ] [ TABLE_intf [ <intf-name-out> ] ] <auth-out>
[ <auth-chk-out> ] [ <auth-kchain-out> ] TABLE_afi_safi <afi-safi-out> <intf-num-out> <adj-check-out> [
<redist-pib-out> <redist-rpm-out> ] [ <dist-src-lvl-out> <dist-dest-lvl-out> <dist-leak-all-out> ] [ <dist-rpm-out>
] <admin-dist-out> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
protocol	(Optional) Display IS-IS process information
<i>__readonly__</i>	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
TABLE_afi_safi	(Optional)
<i>afi-safi-out</i>	(Optional)
<i>system-id-out</i>	(Optional)
<i>is-type-out</i>	(Optional)
<i>fab-ctl-out</i>	(Optional)
<i>sap-out</i>	(Optional)
<i>mtu-out</i>	(Optional)
<i>qh-out</i>	(Optional)
<i>gr-t3-timer-out</i>	(Optional)
<i>gr-status-out</i>	(Optional)
<i>gr-state-out</i>	(Optional)
<i>last-gr-status-out</i>	(Optional)
<i>metric-send-out</i>	(Optional)
<i>metric-accept-out</i>	(Optional)

<i>area-addr-out</i>	(Optional)
<i>proc-state-out</i>	(Optional)
<i>vrf-id-out</i>	(Optional)
<i>te-lvl-out</i>	(Optional)
<i>te-ted-out</i>	(Optional)
<i>mpls-te-out</i>	(Optional)
TABLE_intf	(Optional)
<i>intf-name-out</i>	(Optional)
<i>intf-num-out</i>	(Optional)
<i>auth-out</i>	(Optional)
<i>auth-chk-out</i>	(Optional)
<i>auth-kchain-out</i>	(Optional)
<i>adj-check-out</i>	(Optional)
<i>redist-pib-out</i>	(Optional)
<i>redist-rpm-out</i>	(Optional)
<i>dist-src-lvl-out</i>	(Optional)
<i>dist-dest-lvl-out</i>	(Optional)
<i>dist-leak-all-out</i>	(Optional)
<i>dist-rpm-out</i>	(Optional)
<i>admin-dist-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis adjacency

```
show fabricpath isis [ <l2mp-isis-tag> ] [ topology <topo-id> ] adjacency [ <interface> [ p2p-level-1-2 ] ] {
[ system-id <sid> ] [ detail ] [ summary ] } [ __readonly__ TABLE_process_tag <process-tag-out>
<adj-summary-out> <adj-interface-out> [ <adj-interface-name-out> ] [ TABLE_sys_name <adj-sys-name-out>
<adj-sys-id-out> [ <adj-usage-out> ] [ <adj-level-out> ] <adj-state-out> <adj-hold-time-out>
<adj-intf-name-out> <adj-detail-set-out> [ { <adj-transitions-out> <adj-flap-out> [ <adj-flap-time-out> ]
<adj-ckt-type-out> <adj-bcast-out> [ { <adj-ckt-id-out> <adj-lan-prio-out> } ] <adj-resurrect-out> [ {
<adj-resurrect-count-out> <adj-resurrect-hwm-out> } ] [ TABLE_mt_id <adj-topoid-out> [ <adj-mtver-out>
] <adj-dataup-out> ] } ] [ TABLE_adj_summ <adj-summ-p2p-level-out> <adj-summ-p2p-state-out>
<adj-summ-p2p-count-out> ] ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
adjacency	Display IS-IS adjacency information
topology	(Optional) Display IS-IS Topology information
<i>topo-id</i>	(Optional) Specific topology information
<i>interface</i>	(Optional) IS-IS interface
system-id	(Optional) Hostname or System ID
<i>sid</i>	(Optional) Hostname or System ID (in the form of XXXX.XXXX.XXXX)
detail	(Optional) Display IS-IS adjacency detail information
p2p-level-1-2	(Optional) Display IS-IS point-to-point information at level-1-2
summary	(Optional) Display IS-IS adjacency summary information
__readonly__	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
<i>adj-summary-out</i>	(Optional)
<i>adj-interface-out</i>	(Optional)
<i>adj-interface-name-out</i>	(Optional)
TABLE_sys_name	(Optional)

<i>adj-sys-name-out</i>	(Optional)
<i>adj-sys-id-out</i>	(Optional)
<i>adj-usage-out</i>	(Optional)
<i>adj-level-out</i>	(Optional)
<i>adj-state-out</i>	(Optional)
<i>adj-hold-time-out</i>	(Optional)
<i>adj-intf-name-out</i>	(Optional)
<i>adj-detail-set-out</i>	(Optional)
<i>adj-transitions-out</i>	(Optional)
<i>adj-flap-out</i>	(Optional)
<i>adj-flap-time-out</i>	(Optional)
<i>adj-ckt-type-out</i>	(Optional)
<i>adj-bcast-out</i>	(Optional)
<i>adj-ckt-id-out</i>	(Optional)
<i>adj-lan-prio-out</i>	(Optional)
<i>adj-resurrect-out</i>	(Optional)
<i>adj-resurrect-count-out</i>	(Optional)
<i>adj-resurrect-hwm-out</i>	(Optional)
TABLE_mt_id	(Optional)
<i>adj-topoid-out</i>	(Optional)
<i>adj-dataup-out</i>	(Optional)
TABLE_adj_summ	(Optional)
<i>adj-summ-p2p-level-out</i>	(Optional)
<i>adj-summ-p2p-state-out</i>	(Optional)
<i>adj-summ-p2p-count-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis database

```
show fabricpath isis [ <l2mp-isis-tag> ] database [ <level> ] [ mgroup ] [ detail | advertise | summary ] [ <lid>
] { [ zero-sequence ] | [ router-id <rid> ] | [ adjacency <adj-id> ] } [ __readonly__ [ TABLE_process_tag
<process-tag-out> [ <dbase-hname-absent-out> ] [ TABLE_lsp_name <dbase-lsp-name-out>
<dbase-lsp-status-out> <dbase-lsp-absent-out> [ <dbase-lsp-seqnum-out> <dbase-lsp-cksum-out>
<dbase-lsp-lifetime-out> <dbase-att-out> <dbase-partition-out> <dbase-overload-out> <dbase-istype-out> ]
[ <dbase-lsp-instance-out> [ TABLE_lsp_tlv <dbase-lsp-tlv-name-out> [ <dbase-lsp-area-addr-out> ] [
<dbase-lsp-is-nbr-name-out> <dbase-lsp-is-nbr-metric-out> <dbase-lsp-is-nbr-ext-metric-out> ] [
<dbase-lsp-es-nbr-name-out> <dbase-lsp-es-nbr-metric-out> <dbase-lsp-es-nbr-ext-metric-out> ] [
<dbase-lsp-auth-type-out> <dbase-lsp-auth-len-out> ] [ <dbase-lsp-ext-is-name-out>
<dbase-lsp-ext-is-metric-out> ] [ <dbase-lsp-ip-ri-addr-out> <dbase-lsp-ip-ri-mask-out>
<dbase-lsp-ip-ri-metric-out> <dbase-lsp-ip-ri-ext-metric-out> <dbase-lsp-ip-ri-up-down-out> ] [
TABLE_lsp_nlpid <dbase-lsp-prot-support-out> ] [ <dbase-lsp-ip-addr-out> ] [ <dbase-lsp-ipv6-addr-out> ]
[ <dbase-lsp-hname-out> <dbase-lsp-hname-len-out> ] [ <dbase-lsp-tlv-unknown-out> <dbase-lsp-tlv-len-out>
] [ <dbase-lsp-extip-addr-out> <dbase-lsp-extip-prefix-len-out> <dbase-lsp-extip-metric-out>
<dbase-lsp-extip-up-down-out> ] [ <dbase-lsp-extip6-addr-out> <dbase-lsp-extip6-prefix-len-out>
<dbase-lsp-extip6-metric-out> <dbase-lsp-extip6-up-down-out> <dbase-lsp-extip6-ext-origin-out> ] [
TABLE_lsp_subtlv <dbase-lsp-subtlv-name-out> [ <dbase-lsp-extis-admin-group-out> ] [
<dbase-lsp-subtlv-ip-addr-out> ] [ <dbase-lsp-extis-bw-out> ] [ <dbase-lsp-extis-te-metric-out> ] [
<dbase-lsp-extis-pri1-out> ] [ <dbase-lsp-extis-pri1-val-out> ] [ <dbase-lsp-extis-pri2-out> ] [
<dbase-lsp-extis-pri2-val-out> ] [ <dbase-lsp-subtlv-len-out> ] [ <dbase-lsp-subtlv-unknown-out> ] ] [
<dbase-lsp-digest-out> ] ] [ <dbase-lsp-total-out> <dbase-lsp-empty-out> <dbase-lsp-zeroseq-out> ] ] ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
database	Display IS-IS database information
<i>level</i>	(Optional) IS-IS level
mgroup	(Optional) Display IS-IS GM database information
<i>lid</i>	(Optional) LSP ID in the form of XXXX.XXXX.XXXX.XX-XX
detail	(Optional) Display detailed IS-IS information
advertise	(Optional) Display advertise tlv lsp-memory information
summary	(Optional) Display summary IS-IS information
zero-sequence	(Optional) LSP with zero sequence number
adjacency	(Optional) Adjacency filter
<i>adj-id</i>	(Optional) Single exact match adjacency filter

router-id	(Optional) Router-id filter
<i>rid</i>	(Optional) single exact match router-id filter
<i>__readonly__</i>	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
<i>dbase-hname-absent-out</i>	(Optional)
TABLE_lsp_name	(Optional)
<i>dbase-lsp-name-out</i>	(Optional)
<i>dbase-lsp-status-out</i>	(Optional)
<i>dbase-lsp-absent-out</i>	(Optional)
<i>dbase-lsp-seqnum-out</i>	(Optional)
<i>dbase-lsp-cksum-out</i>	(Optional)
<i>dbase-lsp-lifetime-out</i>	(Optional)
<i>dbase-att-out</i>	(Optional)
<i>dbase-partition-out</i>	(Optional)
<i>dbase-overload-out</i>	(Optional)
<i>dbase-istype-out</i>	(Optional)
<i>dbase-lsp-instance-out</i>	(Optional)
TABLE_lsp_tlv	(Optional)
<i>dbase-lsp-tlv-name-out</i>	(Optional)
<i>dbase-lsp-digest-out</i>	(Optional)
<i>dbase-lsp-area-addr-out</i>	(Optional)
<i>dbase-lsp-is-nbr-name-out</i>	(Optional)
<i>dbase-lsp-is-nbr-metric-out</i>	(Optional)
<i>dbase-lsp-is-nbr-ext-metric-out</i>	(Optional)
<i>dbase-lsp-es-nbr-name-out</i>	(Optional)
<i>dbase-lsp-es-nbr-metric-out</i>	(Optional)
<i>dbase-lsp-es-nbr-ext-metric-out</i>	(Optional)
<i>dbase-lsp-auth-type-out</i>	(Optional)

<i>dbase-lsp-auth-len-out</i>	(Optional)
<i>dbase-lsp-ext-is-name-out</i>	(Optional)
<i>dbase-lsp-ext-is-metric-out</i>	(Optional)
TABLE_lsp_subtlv	(Optional)
<i>dbase-lsp-subtlv-name-out</i>	(Optional)
<i>dbase-lsp-extis-admin-group-out</i>	(Optional)
<i>dbase-lsp-subtlv-ip-addr-out</i>	(Optional)
<i>dbase-lsp-extis-bw-out</i>	(Optional)
<i>dbase-lsp-extis-te-metric-out</i>	(Optional)
<i>dbase-lsp-extis-pri1-out</i>	(Optional)
<i>dbase-lsp-extis-pri1-val-out</i>	(Optional)
<i>dbase-lsp-extis-pri2-out</i>	(Optional)
<i>dbase-lsp-extis-pri2-val-out</i>	(Optional)
<i>dbase-lsp-subtlv-unknown-out</i>	(Optional)
<i>dbase-lsp-subtlv-len-out</i>	(Optional)
<i>dbase-lsp-tlv-unknown-out</i>	(Optional)
<i>dbase-lsp-tlv-len-out</i>	(Optional)
<i>dbase-lsp-extip-addr-out</i>	(Optional)
<i>dbase-lsp-extip-prefix-len-out</i>	(Optional)
<i>dbase-lsp-extip-metric-out</i>	(Optional)
<i>dbase-lsp-extip-up-down-out</i>	(Optional)
<i>dbase-lsp-extipv6-addr-out</i>	(Optional)
<i>dbase-lsp-extipv6-prefix-len-out</i>	(Optional)
<i>dbase-lsp-extipv6-metric-out</i>	(Optional)
<i>dbase-lsp-extipv6-up-down-out</i>	(Optional)
<i>dbase-lsp-extipv6-ext-origin-out</i>	(Optional)
<i>dbase-lsp-ip-ri-addr-out</i>	(Optional)
<i>dbase-lsp-ip-ri-mask-out</i>	(Optional)
<i>dbase-lsp-ip-ri-metric-out</i>	(Optional)

<i>dbase-lsp-ip-ri-ext-metric-out</i>	(Optional)
<i>dbase-lsp-ip-ri-up-down-out</i>	(Optional)
TABLE_lsp_nlpid	(Optional)
<i>dbase-lsp-prot-support-out</i>	(Optional)
<i>dbase-lsp-ip-addr-out</i>	(Optional)
<i>dbase-lsp-hname-out</i>	(Optional)
<i>dbase-lsp-hname-len-out</i>	(Optional)
<i>dbase-lsp-ipv6-addr-out</i>	(Optional)
<i>dbase-lsp-total-out</i>	(Optional)
<i>dbase-lsp-empty-out</i>	(Optional)
<i>dbase-lsp-zeroseq-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis ftag

```
show fabricpath isis [ <l2mp-isis-tag> ] [ topology <topo-id> ] ftag [ multideestination <tree-id> ] [ __readonly__
TABLE_process_tag <process-tag-out> TABLE_topo_id <ftag-topo-id-out> TABLE_graph_type
<ftag-graph-type-out> <ftag-graph-id-out> <ftag-primary-out> <ftag-primary-tentative-out>
<ftag-secondary-out> <ftag-secondary-tentative-out> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
topology	(Optional) Display IS-IS Topology information
<i>topo-id</i>	(Optional) Specific topology information
ftag	Display forwarding tag information
multideestination	(Optional) Display multideestination information
<i>tree-id</i>	(Optional) Specific tree identifier
__readonly__	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
TABLE_topo_id	(Optional)
<i>ftag-topo-id-out</i>	(Optional)
TABLE_graph_type	(Optional)
<i>ftag-graph-type-out</i>	(Optional)
<i>ftag-graph-id-out</i>	(Optional)
<i>ftag-primary-out</i>	(Optional)
<i>ftag-primary-tentative-out</i>	(Optional)
<i>ftag-secondary-out</i>	(Optional)
<i>ftag-secondary-tentative-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis hostname

```
show fabricpath isis [ <l2mp-isis-tag> ] hostname [ detail | switch-id ] [ __readonly__ TABLE_process_tag
<process-tag-out> <hname-enabled-out> <hname-detail-out> TABLE_hname_id <hname-id-out>
<hname-level-out> <hname-id-mine-out> <hname-name-out> [ <hname-swid-id-out> ] ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
hostname	Display IS-IS hostname table information
detail	(Optional) Display detailed IS-IS information
switch-id	(Optional) Display IS-IS hostname table with Switch ID information
__readonly__	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
<i>hname-enabled-out</i>	(Optional)
<i>hname-detail-out</i>	(Optional)
TABLE_hname_id	(Optional)
<i>hname-id-out</i>	(Optional)
<i>hname-level-out</i>	(Optional)
<i>hname-id-mine-out</i>	(Optional)
<i>hname-name-out</i>	(Optional)
<i>hname-swid-id-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis interface

```
show fabricpath isis [ <l2mp-isis-tag> ] interface [ brief | <interface> ] [ __readonly__ TABLE_process_tag
<process-tag-out> <intf-name-out> <intf-status-out> <intf-mtu-out> <intf-state-out> <intf-internal-state-out>
<intf-cib-disabled-out> <intf-cid-invalid-out> <intf-ix-out> <intf-cid-out> <intf-ckt-type-out>
<intf-auth-info-out> <intf-auth-chk-info-out> <intf-auth-kchain-out> <intf-passive-mask-out>
<intf-passive-mask-lvl-out> <intf-mgrp-set-out> <intf-mgrp-state-out> <intf-mgrp-id-out> <intf-p2p-type-out>
<intf-p2p-ext-local-cid-out> <intf-p2p-cid-out> <intf-retx-intv-out> <intf-retx-throttle-out>
<intf-loopback-type-out> <intf-lsp-intv-out> <intf-hpad-state-out> <intf-p2p-pad-ts-out>
<intf-p2p-adj-count-out> <intf-p2p-adj-up-count-out> <intf-p2p-prio-out> <intf-p2p-hello-intv-out>
<intf-p2p-hello-multi-out> <intf-p2p-hello-next-out> <intf-p2p-lvl-out> <intf-p2p-adj-lvl-out>
<intf-p2p-adj-up-lvl-out> <intf-p2p-metric-lvl-out> <intf-p2p-csnp-lvl-out> <intf-p2p-csnp-nxt-lvl-out>
<intf-p2p-lspid-last-lvl-out> <intf-bcast-type-out> <intf-bcast-lvl-out> <intf-bcast-pad-ts-out>
<intf-bcast-lvl-dis-out> <intf-bcast-dis-ts-out> <intf-bcast-lvl-info-out> <intf-bcast-lvl-metric-out>
<intf-bcast-lvl-csnp-intv-out> <intf-bcast-lvl-csnp-next-out> <intf-bcast-lvl-iih-intv-out>
<intf-bcast-lvl-iih-multi-out> <intf-bcast-lvl-iih-next-out> <intf-bcast-lvl-value-out> <intf-bcast-lvl-adj-out>
<intf-bcast-lvl-adj-up-out> <intf-bcast-lvl-prio-out> <intf-bcast-lvl-ctid-out> <intf-bcast-lvl-ctid-ts-out>
<intf-loopback-lvl-out> <intf-loopback-lvl-metric-out> <intf-loopback-lvl-prio-out> <intf-loopback-lvl-adj-out>
<intf-loopback-lvl-adj-up-out> <intf-unknown-out> <intf-type-out> <intf-ready-state-out> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
brief	(Optional) Brief display of IS-IS interfaces
interface	Display IS-IS interface information
<i>interface</i>	(Optional) IS-IS interface
<i>__readonly__</i>	(Optional)
<i>TABLE_process_tag</i>	(Optional)
<i>process-tag-out</i>	(Optional)
<i>intf-name-out</i>	(Optional)
<i>intf-status-out</i>	(Optional)
<i>intf-mtu-out</i>	(Optional)
<i>intf-state-out</i>	(Optional)
<i>intf-auth-info-out</i>	(Optional)
<i>intf-auth-chk-info-out</i>	(Optional)

<i>intf-auth-kchain-out</i>	(Optional)
<i>intf-internal-state-out</i>	(Optional)
<i>intf-cib-disabled-out</i>	(Optional)
<i>intf-cid-invalid-out</i>	(Optional)
<i>intf-ix-out</i>	(Optional)
<i>intf-cid-out</i>	(Optional)
<i>intf-ckt-type-out</i>	(Optional)
<i>intf-passive-mask-out</i>	(Optional)
<i>intf-passive-mask-lvl-out</i>	(Optional)
<i>intf-mgrp-set-out</i>	(Optional)
<i>intf-mgrp-state-out</i>	(Optional)
<i>intf-mgrp-id-out</i>	(Optional)
<i>intf-p2p-type-out</i>	(Optional)
<i>intf-p2p-ext-local-cid-out</i>	(Optional)
<i>intf-p2p-cid-out</i>	(Optional)
<i>intf-retx-intv-out</i>	(Optional)
<i>intf-retx-throttle-out</i>	(Optional)
<i>intf-loopback-type-out</i>	(Optional)
<i>intf-lsp-intv-out</i>	(Optional)
<i>intf-hpad-state-out</i>	(Optional)
<i>intf-p2p-pad-ts-out</i>	(Optional)
<i>intf-p2p-adj-count-out</i>	(Optional)
<i>intf-p2p-adj-up-count-out</i>	(Optional)
<i>intf-p2p-prio-out</i>	(Optional)
<i>intf-p2p-hello-intv-out</i>	(Optional)
<i>intf-p2p-hello-multi-out</i>	(Optional)
<i>intf-p2p-hello-next-out</i>	(Optional)
<i>intf-p2p-lvl-out</i>	(Optional)
<i>intf-p2p-adj-lvl-out</i>	(Optional)

<i>intf-p2p-adj-up-lvl-out</i>	(Optional)
<i>intf-p2p-metric-lvl-out</i>	(Optional)
<i>intf-p2p-csnp-lvl-out</i>	(Optional)
<i>intf-p2p-csnp-next-lvl-out</i>	(Optional)
<i>intf-p2p-lspid-last-lvl-out</i>	(Optional)
<i>intf-bcast-type-out</i>	(Optional)
<i>intf-bcast-lvl-out</i>	(Optional)
<i>intf-bcast-pad-ts-out</i>	(Optional)
<i>intf-bcast-lvl-dis-out</i>	(Optional)
<i>intf-bcast-dis-ts-out</i>	(Optional)
<i>intf-bcast-lvl-info-out</i>	(Optional)
<i>intf-bcast-lvl-metric-out</i>	(Optional)
<i>intf-bcast-lvl-csnp-intv-out</i>	(Optional)
<i>intf-bcast-lvl-csnp-next-out</i>	(Optional)
<i>intf-bcast-lvl-iih-intv-out</i>	(Optional)
<i>intf-bcast-lvl-iih-multi-out</i>	(Optional)
<i>intf-bcast-lvl-iih-next-out</i>	(Optional)
<i>intf-bcast-lvl-value-out</i>	(Optional)
<i>intf-bcast-lvl-adj-out</i>	(Optional)
<i>intf-bcast-lvl-adj-up-out</i>	(Optional)
<i>intf-bcast-lvl-prio-out</i>	(Optional)
<i>intf-bcast-lvl-ctid-out</i>	(Optional)
<i>intf-bcast-lvl-ctid-ts-out</i>	(Optional)
<i>intf-loopback-lvl-out</i>	(Optional)
<i>intf-loopback-lvl-metric-out</i>	(Optional)
<i>intf-loopback-lvl-prio-out</i>	(Optional)
<i>intf-loopback-lvl-adj-out</i>	(Optional)
<i>intf-loopback-lvl-adj-up-out</i>	(Optional)
<i>intf-unknown-out</i>	(Optional)

<i>intf-type-out</i>	(Optional)
<i>intf-ready-state-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis ip mroute

```
show fabricpath isis [ <l2mp-isis-tag> ] ip mroute [ vlan <vlan-id> ] [ group <gip-addr> ] [ source <sip-addr> ] [ omf ] [ flood ] [ __readonly__ TABLE_process_tag <process-tag-out> <mroute-ipv4-vlanid-out> <mroute-ipv4-source-addr-out> <mroute-ipv4-group-addr-out> <mroute-ipv4-type-out> <mroute-ipv4-oif-count-out> <mroute-ipv4-swid-hex-out> <mroute-ipv4-swid-out> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
ip	Display IS-IS IPv4 information
mroute	Display IS-IS multicast group information
vlan	(Optional) Display IS-IS VLAN information
<i>vlan-id</i>	(Optional) Display IS-IS VLAN information
group	(Optional) Display IS-IS Group information
source	(Optional) Display IS-IS Source information
omf	(Optional) Display IS-IS OMF information
flood	(Optional) Display IS-IS FLOOD information
<i>gip-addr</i>	(Optional) Display single IP redistribute route
<i>sip-addr</i>	(Optional) Display single IP redistribute route
<i>__readonly__</i>	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
<i>mroute-ipv4-vlanid-out</i>	(Optional)
<i>mroute-ipv4-source-addr-out</i>	(Optional)
<i>mroute-ipv4-group-addr-out</i>	(Optional)
<i>mroute-ipv4-type-out</i>	(Optional)
<i>mroute-ipv4-oif-count-out</i>	(Optional)
<i>mroute-ipv4-swid-hex-out</i>	(Optional)

<i>mroute-ipv4-swid-out</i>	(Optional)
-----------------------------	------------

Command Mode

- /exec

show fabricpath isis ip redistribute mroute

```
show fabricpath isis [ <l2mp-isis-tag> ] ip redistribute mroute [ vlan <vlan-id> ] [ group <gip-addr> ] [ source
<sip-addr> ] [ omf ] [ flood ] [ __readonly__ TABLE_process_tag <process-tag-out>
<redist-ipv4-mrouter-vlanid-out> <redist-ipv4-vlanid-out> <redist-ipv4-source-addr-out>
<redist-ipv4-group-addr-out> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
redistribute	Display IS-IS redistribute information
mroute	Display IS-IS multicast group information
vlan	(Optional) Display IS-IS VLAN information
<i>vlan-id</i>	(Optional) Display IS-IS VLAN information
group	(Optional) Display IS-IS Group information
source	(Optional) Display IS-IS Source information
omf	(Optional) Display IS-IS OMF information
flood	(Optional) Display IS-IS FLOOD information
ip	Display IS-IS IPv4 information
<i>gip-addr</i>	(Optional) Display single IP redistribute route
<i>sip-addr</i>	(Optional) Display single IP redistribute route
<i>__readonly__</i>	(Optional)
<i>TABLE_process_tag</i>	(Optional)
<i>process-tag-out</i>	(Optional)
<i>redist-ipv4-mrouter-vlanid-out</i>	(Optional)
<i>redist-ipv4-vlanid-out</i>	(Optional)
<i>redist-ipv4-source-addr-out</i>	(Optional)
<i>redist-ipv4-group-addr-out</i>	(Optional)

Command Mode

show fabricpath isis ip redistribute mroute

- /exec

show fabricpath isis ip redistribute route show fabricpath isis ipv6 redistribute route

```
show fabricpath isis [ <l2mp-isis-tag> ] ip redistribute route [ [ summary | <ip-addr> | <ip-prefix> [
longer-prefixes [ summary ] ] ] ] [ direct-mask ] | show fabricpath isis [ <l2mp-isis-tag> ] ipv6 redistribute
route [ summary | <ipv6-addr> | <ipv6-prefix> [ longer-prefixes [ summary ] ] ] [ direct-mask ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
redistribute	Display IS-IS redistribute information
route	Display ISIS redistribute route
ip	Display IS-IS IPv4 information
ipv6	Display IS-IS IPv6 information
<i>ip-addr</i>	(Optional) Display single IP redistribute route
<i>ip-prefix</i>	(Optional) Display single exact match IP redistribute route
longer-prefixes	(Optional) Display exact match and more specific routes
summary	(Optional) Display route counts
direct-mask	(Optional) Display routes with direct-mask set
<i>l2mp-isis-tag</i>	(Optional)

Command Mode

- /exec

show fabricpath isis ip route show fabricpath isis ipv6 route

```
show fabricpath isis [ <l2mp-isis-tag> ] ip route [ [ summary | <ip-addr> | <ip-prefix> [ longer-prefixes [
summary ] ] ] ] | show fabricpath isis [ <l2mp-isis-tag> ] ipv6 route [ summary | <ipv6-addr> | <ipv6-prefix>
[ longer-prefixes [ summary ] ] ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
route	Display ISIS redistribute route
ip	Display IS-IS IPv4 information
ipv6	Display IS-IS IPv6 information
<i>ip-addr</i>	(Optional) Display single IP redistribute route
<i>ip-prefix</i>	(Optional) Display single exact match IP redistribute route
longer-prefixes	(Optional) Display exact match and more specific routes
summary	(Optional) Display route counts
<i>l2mp-isis-tag</i>	(Optional)

Command Mode

- /exec

show fabricpath isis ipv6 mroute

```
show fabricpath isis [ <l2mp-isis-tag> ] ipv6 mroute [ vlan <vlan-id> ] [ group <gip-addr> ] [ source <sip-addr> ] [ __readonly__ TABLE_process_tag <process-tag-out> <mroute-ipv6-vlanid-out> <mroute-ipv6-source-addr-out> <mroute-ipv6-group-addr-out> <mroute-ipv6-oif-count-out> <mroute-ipv6-swid-hex-out> <mroute-ipv6-swid-out> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
ipv6	Display IS-IS IPv6 information
mroute	Display IS-IS multicast group information
vlan	(Optional) Display IS-IS VLAN information
<i>vlan-id</i>	(Optional) Display IS-IS VLAN information
group	(Optional) Display IS-IS Group information
source	(Optional) Display IS-IS Source information
<i>__readonly__</i>	(Optional)
<i>TABLE_process_tag</i>	(Optional)
<i>process-tag-out</i>	(Optional)
<i>mroute-ipv6-vlanid-out</i>	(Optional)
<i>mroute-ipv6-source-addr-out</i>	(Optional)
<i>mroute-ipv6-group-addr-out</i>	(Optional)
<i>mroute-ipv6-oif-count-out</i>	(Optional)
<i>mroute-ipv6-swid-hex-out</i>	(Optional)
<i>mroute-ipv6-swid-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis ipv6 redistribute mroute

```
show fabricpath isis [ <l2mp-isis-tag> ] ipv6 redistribute mroute [ vlan <vlan-id> ] [ group <gip-addr> ] [
source <sip-addr> ] [ __readonly__ TABLE_process_tag <process-tag-out> <redist-ipv6-mrouter-vlanid-out>
<redist-ipv6-vlanid-out> <redist-ipv6-source-addr-out> <redist-ipv6-group-addr-out> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
redistribute	Display IS-IS redistribute information
mroute	Display IS-IS multicast group information
vlan	(Optional) Display IS-IS VLAN information
<i>vlan-id</i>	(Optional) Display IS-IS VLAN information
group	(Optional) Display IS-IS Group information
source	(Optional) Display IS-IS Source information
ipv6	Display IS-IS IPv6 information
<i>__readonly__</i>	(Optional)
<i>TABLE_process_tag</i>	(Optional)
<i>process-tag-out</i>	(Optional)
<i>redist-ipv6-mrouter-vlanid-out</i>	(Optional)
<i>redist-ipv6-vlanid-out</i>	(Optional)
<i>redist-ipv6-source-addr-out</i>	(Optional)
<i>redist-ipv6-group-addr-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis mac mroute

```
show fabricpath isis [ <l2mp-isis-tag> ] mac mroute [ vlan <vlan-id> ] [ group <gmac-addr> ] [ source
<smac-addr> ] [ __readonly__ TABLE_process_tag <process-tag-out> <mroute-mac-vlanid-out>
<mroute-mac-source-addr-out> <mroute-mac-group-addr-out> <mroute-mac-oif-count-out>
<mroute-mac-swid-hex-out> <mroute-mac-swid-out> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
mac	Display IS-IS MAC information
mroute	Display IS-IS multicast group information
vlan	(Optional) Display IS-IS VLAN information
<i>vlan-id</i>	(Optional) Display IS-IS VLAN information
group	(Optional) Display IS-IS Group information
source	(Optional) Display IS-IS Source information
<i>gmac-addr</i>	(Optional) Display single MAC redistribute route
<i>smac-addr</i>	(Optional) Display single MAC redistribute route
<i>__readonly__</i>	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
<i>mroute-mac-vlanid-out</i>	(Optional)
<i>mroute-mac-source-addr-out</i>	(Optional)
<i>mroute-mac-group-addr-out</i>	(Optional)
<i>mroute-mac-oif-count-out</i>	(Optional)
<i>mroute-mac-swid-hex-out</i>	(Optional)
<i>mroute-mac-swid-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis mac redistribute mroute

```
show fabricpath isis [ <l2mp-isis-tag> ] mac redistribute mroute [ vlan <vlan-id> ] [ group <gmac-addr> ] [
source <smac-addr> ] [ __readonly__ TABLE_process_tag <process-tag-out> <redist-mac-mrouter-vlanid-out>
<redist-mac-vlanid-out> <redist-mac-source-addr-out> <redist-mac-group-addr-out> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
redistribute	Display IS-IS redistribute information
mroute	Display IS-IS multicast group information
vlan	(Optional) Display IS-IS VLAN information
<i>vlan-id</i>	(Optional) Display IS-IS VLAN information
group	(Optional) Display IS-IS Group information
source	(Optional) Display IS-IS Source information
mac	Display IS-IS MAC information
<i>gmac-addr</i>	(Optional) Display single MAC redistribute route
<i>smac-addr</i>	(Optional) Display single MAC redistribute route
<i>__readonly__</i>	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
<i>redist-mac-mrouter-vlanid-out</i>	(Optional)
<i>redist-mac-vlanid-out</i>	(Optional)
<i>redist-mac-source-addr-out</i>	(Optional)
<i>redist-mac-group-addr-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis mesh-group

```
show fabricpath isis [ <l2mp-isis-tag> ] mesh-group [ <mesh-id> ] [ __readonly__ TABLE_process_tag
<process-tag-out> <mesh-id-set-out> <mesh-id-out> <mesh-set-id-out> <mesh-id-intf-name-out>
<mesh-id-none-out> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
mesh-group	Display IS-IS mesh-groups
<i>mesh-id</i>	(Optional) Display a single mesh-group
<i>__readonly__</i>	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
<i>mesh-id-set-out</i>	(Optional)
<i>mesh-id-out</i>	(Optional)
<i>mesh-set-id-out</i>	(Optional)
<i>mesh-id-intf-name-out</i>	(Optional)
<i>mesh-id-none-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis route

```
show fabricpath isis [ <l2mp-isis-tag> ] [ topology <topo-id> ] route [ summary | detail | is | ip2mac ] [
__readonly__ TABLE_process_tag <process-tag-out> TABLE_mt_id <route-topoid-out> TABLE_graph_id
<route-graphid-out> <route-afi-safi-out> TABLE_route_entry <route-route-id-out> <route-absent-out>
<route-lvl-absent-out> <route-prefix-out> <route-level-out> <route-summ-discard-addr-out>
<route-discard-addr-out> <route-addr-print-out> <route-header-level-out> <route-direct-print-out>
<route-direct-out> <route-direct-via-out> <route-direct-if-name-out> <route-direct-metric-out>
<route-direct-level-out> <route-direct-instance-out> <route-marker-out> <route-addr-valid-out>
TABLE_if_entry <route-ifname-out> <route-metric-out> <route-pref-out> <route-no-def-prefix-out>
<route-instance-out> <route-discard-mask-out> <route-sum-prefix-out> <route-sum-prefix-len-out>
<route-total-out> <route-paths-total-out> <route-paths-best-out> <route-paths-backup-out> <route-sum-lvl-out>
<route-sum-total-out> <route-sum-direct-out> <route-sum-normal-out> <route-sum-missing-out>
<route-best-pend-num-out> <route-bestpaths-out> <route-backuppaths-out> <route-path-sum-lvl-out>
<route-path-sum-total-out> <route-path-sum-direct-out> <route-path-sum-normal-out>
<route-bestroutes-per-mask-out> <route-best-mask-val-out> <route-best-mask-count-out>
<route-pend-q-count-out> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
topology	(Optional) Display IS-IS Topology information
<i>topo-id</i>	(Optional) Specific topology information
is	(Optional) Display IS route
ip2mac	(Optional) Display reachable IP/MAC mapping information
route	Display IS-IS route information
summary	(Optional) Display route counts
detail	(Optional) Display detail route information
<i>__readonly__</i>	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
TABLE_mt_id	(Optional)
<i>route-topoid-out</i>	(Optional)
TABLE_graph_id	(Optional)

<i>route-graphid-out</i>	(Optional)
<i>route-afi-safi-out</i>	(Optional)
TABLE_route_entry	(Optional)
<i>route-route-id-out</i>	(Optional)
<i>route-absent-out</i>	(Optional)
<i>route-lvl-absent-out</i>	(Optional)
<i>route-prefix-out</i>	(Optional)
<i>route-level-out</i>	(Optional)
<i>route-summ-discard-addr-out</i>	(Optional)
<i>route-discard-addr-out</i>	(Optional)
<i>route-addr-print-out</i>	(Optional)
<i>route-header-level-out</i>	(Optional)
<i>route-direct-print-out</i>	(Optional)
<i>route-direct-out</i>	(Optional)
<i>route-direct-via-out</i>	(Optional)
<i>route-direct-if-name-out</i>	(Optional)
<i>route-direct-metric-out</i>	(Optional)
<i>route-direct-level-out</i>	(Optional)
<i>route-direct-instance-out</i>	(Optional)
<i>route-marker-out</i>	(Optional)
<i>route-addr-valid-out</i>	(Optional)
TABLE_if_entry	(Optional)
<i>route-ifname-out</i>	(Optional)
<i>route-metric-out</i>	(Optional)
<i>route-pref-out</i>	(Optional)
<i>route-instance-out</i>	(Optional)
<i>route-no-def-prefix-out</i>	(Optional)
<i>route-discard-mask-out</i>	(Optional)
<i>route-sum-prefix-out</i>	(Optional)

<i>route-sum-prefix-len-out</i>	(Optional)
<i>route-total-out</i>	(Optional)
<i>route-paths-total-out</i>	(Optional)
<i>route-paths-best-out</i>	(Optional)
<i>route-paths-backup-out</i>	(Optional)
<i>route-sum-lvl-out</i>	(Optional)
<i>route-sum-total-out</i>	(Optional)
<i>route-sum-direct-out</i>	(Optional)
<i>route-sum-normal-out</i>	(Optional)
<i>route-sum-missing-out</i>	(Optional)
<i>route-best-pend-num-out</i>	(Optional)
<i>route-bestpaths-out</i>	(Optional)
<i>route-backuppaths-out</i>	(Optional)
<i>route-path-sum-lvl-out</i>	(Optional)
<i>route-path-sum-total-out</i>	(Optional)
<i>route-path-sum-direct-out</i>	(Optional)
<i>route-path-sum-normal-out</i>	(Optional)
<i>route-bestroutes-per-mask-out</i>	(Optional)
<i>route-best-mask-val-out</i>	(Optional)
<i>route-best-mask-count-out</i>	(Optional)
<i>route-pend-q-count-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis rrm

```
show fabricpath isis [ <l2mp-isis-tag> ] rrm [ gm ] <interface> [ __readonly__ TABLE_process_tag
<process-tag-out> <rrm-if-out> <rrm-if-p2p-out> <rrm-level-out> <rrm-retx-interval-out>
<rrm-retx-throttle-out> <rrm-retx-queue-len-out> <rrm-next-retx-out> <rrm-retx-queue-hwm-out>
<rrm-queue-exceed-out> <rrm-if-lsp-out> <rrm-lsp-name-out> <rrm-lsp-status-out> <rrm-lsp-absent-out>
<rrm-lsp-seqnum-out> <rrm-lsp-cksum-out> <rrm-lsp-lifetime-out> <rrm-lsp-attached-out>
<rrm-lsp-partition-out> <rrm-lsp-overload-out> <rrm-lsp-istype-out> <rrm-last-sent-time-out>
<rrm-invalid-retx-out> <rrm-invalid-db-out> <rrm-set-out> <rrm-srm-set-out> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
rrm	Display IS-IS Retransmit-Routing-Message information
gm	(Optional) Display IS-IS GM Retransmit-Routing-Message information
<i>interface</i>	IS-IS interface
<i>__readonly__</i>	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
<i>rrm-if-out</i>	(Optional)
<i>rrm-if-p2p-out</i>	(Optional)
<i>rrm-level-out</i>	(Optional)
<i>rrm-retx-interval-out</i>	(Optional)
<i>rrm-retx-throttle-out</i>	(Optional)
<i>rrm-retx-queue-len-out</i>	(Optional)
<i>rrm-next-retx-out</i>	(Optional)
<i>rrm-retx-queue-hwm-out</i>	(Optional)
<i>rrm-queue-exceed-out</i>	(Optional)
<i>rrm-if-lsp-out</i>	(Optional)
<i>rrm-lsp-name-out</i>	(Optional)
<i>rrm-lsp-status-out</i>	(Optional)

<i>rrm-lsp-absent-out</i>	(Optional)
<i>rrm-lsp-seqnum-out</i>	(Optional)
<i>rrm-lsp-cksum-out</i>	(Optional)
<i>rrm-lsp-lifetime-out</i>	(Optional)
<i>rrm-lsp-attached-out</i>	(Optional)
<i>rrm-lsp-partition-out</i>	(Optional)
<i>rrm-lsp-overload-out</i>	(Optional)
<i>rrm-lsp-istype-out</i>	(Optional)
<i>rrm-last-sent-time-out</i>	(Optional)
<i>rrm-invalid-retx-out</i>	(Optional)
<i>rrm-invalid-db-out</i>	(Optional)
<i>rrm-set-out</i>	(Optional)
<i>rrm-srm-set-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis spf-log

```
show fabricpath isis [ <l2mp-isis-tag> ] spf-log [ detail ] [ __readonly__ TABLE_process_tag [
<process-tag-out> ] [ <spflog-calc-out> <spflog-size-out> <spflog-maxsize-out> ] [ TABLE_spflog_entry
<spflog-entry-num-out> <spflog-ago-time-out> <spflog-lvl-out> <spflog-reason-out> <spflog-count-out>
<spflog-elapsed-ts-out> ] [ TABLE_spflog_detail <spflog-log-num-out> <spflog-ts-detail-out>
<spflog-date-detail-out> <spflog-lvl-detail-out> <spflog-instance-detail-out> <spflog-init-ts-detail-out>
<spflog-spf-ts-detail-out> <spflog-detail-ts-is-out> <spflog-detail-ts-urib-out> <spflog-detail-ts-elapsed-out>
<spflog-detail-lvl-out> <spflog-detail-node-out> <spflog-detail-spf-cnt-out> <spflog-detail-sync-cnt-out>
<spflog-detail-spf-reason-out> ] ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
spf-log	Display IS-IS SPF information
detail	(Optional) Display detail ISIS SPF information
<i>__readonly__</i>	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
<i>spflog-calc-out</i>	(Optional)
<i>spflog-size-out</i>	(Optional)
<i>spflog-maxsize-out</i>	(Optional)
TABLE_spflog_entry	(Optional)
<i>spflog-entry-num-out</i>	(Optional)
<i>spflog-ago-time-out</i>	(Optional)
<i>spflog-lvl-out</i>	(Optional)
<i>spflog-reason-out</i>	(Optional)
<i>spflog-count-out</i>	(Optional)
<i>spflog-elapsed-ts-out</i>	(Optional)
TABLE_spflog_detail	(Optional)
<i>spflog-log-num-out</i>	(Optional)

<i>spflog-ts-detail-out</i>	(Optional)
<i>spflog-date-detail-out</i>	(Optional)
<i>spflog-lvl-detail-out</i>	(Optional)
<i>spflog-instance-detail-out</i>	(Optional)
<i>spflog-init-ts-detail-out</i>	(Optional)
<i>spflog-spf-ts-detail-out</i>	(Optional)
<i>spflog-detail-ts-is-out</i>	(Optional)
<i>spflog-detail-ts-urib-out</i>	(Optional)
<i>spflog-detail-ts-elapsed-out</i>	(Optional)
<i>spflog-detail-lvl-out</i>	(Optional)
<i>spflog-detail-node-out</i>	(Optional)
<i>spflog-detail-spf-cnt-out</i>	(Optional)
<i>spflog-detail-sync-cnt-out</i>	(Optional)
<i>spflog-detail-spf-reason-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis srm

```
show fabricpath isis [ <l2mp-isis-tag> ] srm [ gm ] <interface> [ __readonly__ TABLE_process_tag
<process-tag-out> <srm-if-out> <srm-level-out> <srm-if-flood-out> <srm-if-stopped-out>
<srm-lsp-interval-out> <srm-next-lsp-out> [ TABLE_srm_lsp <srm-lsp-name-out> <srm-lsp-status-out> [
<srm-lsp-absent-out> ] [ <srm-lsp-seqnum-out> <srm-lsp-cksum-out> ] [ <srm-lsp-lifetime-out> ] [
<srm-lsp-attached-out> <srm-lsp-partition-out> <srm-lsp-overload-out> <srm-lsp-istype-out> ] [
<srm-txlist-status> ] ] ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
srm	Display IS-IS Send-Routing-Message information
gm	(Optional) Display IS-IS GM-Send-Routing-Message information
<i>interface</i>	IS-IS interface
<i>__readonly__</i>	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
<i>srm-if-out</i>	(Optional)
<i>srm-level-out</i>	(Optional)
<i>srm-if-flood-out</i>	(Optional)
<i>srm-if-stopped-out</i>	(Optional)
<i>srm-lsp-interval-out</i>	(Optional)
<i>srm-next-lsp-out</i>	(Optional)
TABLE_srm_lsp	(Optional)
<i>srm-lsp-name-out</i>	(Optional)
<i>srm-lsp-status-out</i>	(Optional)
<i>srm-lsp-absent-out</i>	(Optional)
<i>srm-lsp-seqnum-out</i>	(Optional)
<i>srm-lsp-cksum-out</i>	(Optional)

<i>srm-lsp-lifetime-out</i>	(Optional)
<i>srm-lsp-attached-out</i>	(Optional)
<i>srm-lsp-partition-out</i>	(Optional)
<i>srm-lsp-overload-out</i>	(Optional)
<i>srm-lsp-istype-out</i>	(Optional)
<i>srm-txlist-status</i>	(Optional)

Command Mode

- /exec

show fabricpath isis ssn

```
show fabricpath isis [ <l2mp-isis-tag> ] ssn [ gm ] <interface> [ __readonly__ TABLE_process_tag
<process-tag-out> <ssn-if-out> <ssn-level-out> <ssn-psnp-capable-out> <ssn-next-psnp-out>
<ssn-lsp-name-out> <ssn-lsp-status-out> <ssn-lsp-absent-out> <ssn-lsp-seqnum-out> <ssn-lsp-cksum-out>
<ssn-lsp-lifetime-out> <ssn-lsp-attached-out> <ssn-lsp-partition-out> <ssn-lsp-overload-out>
<ssn-lsp-istype-out> <ssn-txlist-status-out> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
ssn	Display IS-IS Send-Sequence-Number information
gm	(Optional) Display IS-IS GM-Send-Sequence-Number information
<i>interface</i>	IS-IS interface
<i>__readonly__</i>	(Optional)
<i>TABLE_process_tag</i>	(Optional)
<i>process-tag-out</i>	(Optional)
<i>ssn-if-out</i>	(Optional)
<i>ssn-level-out</i>	(Optional)
<i>ssn-psnp-capable-out</i>	(Optional)
<i>ssn-next-psnp-out</i>	(Optional)
<i>ssn-lsp-name-out</i>	(Optional)
<i>ssn-lsp-status-out</i>	(Optional)
<i>ssn-lsp-absent-out</i>	(Optional)
<i>ssn-lsp-seqnum-out</i>	(Optional)
<i>ssn-lsp-cksum-out</i>	(Optional)
<i>ssn-lsp-lifetime-out</i>	(Optional)
<i>ssn-lsp-attached-out</i>	(Optional)
<i>ssn-lsp-partition-out</i>	(Optional)
<i>ssn-lsp-overload-out</i>	(Optional)

<i>ssn-lsp-istype-out</i>	(Optional)
<i>ssn-txlist-status-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis statistics

```
show fabricpath isis [ <l2mp-isis-tag> ] statistics [ free ] [ __readonly__ TABLE_process_tag <process-tag-out>
<stat-spf-calc-out> <stat-lsp-sourced-out> <stat-lsp-refresh-out> <stat-lsp-purge-out> <stat-dis-elections-out>
]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
statistics	Display IS-IS protocol statistics
free	(Optional) Show free buffers
<i>__readonly__</i>	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
<i>stat-spf-calc-out</i>	(Optional)
<i>stat-lsp-sourced-out</i>	(Optional)
<i>stat-lsp-refresh-out</i>	(Optional)
<i>stat-lsp-purge-out</i>	(Optional)
<i>stat-dis-elections-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis switch-id

```
show fabricpath isis [ <l2mp-isis-tag> ] [ topology <topo-id> ] switch-id [ ip2mac ] [ detail ] [ __readonly__
TABLE_process_tag <process-tag-out> TABLE_mt_id <swid-topoid-out> [ TABLE_sys_id <swid-sysid-out>
<swid-sysid-own-out> <swid-primary-out> <swid-primary-tentative-out> <swid-secondary-out>
<swid-secondary-tentative-out> <swid-topo-reachable-out> <swid-priority-out> <swid-es-out>
<swid-sticky-out> [ <swid-hostname-out> ] ] ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
topology	(Optional) Display IS-IS Topology information
<i>topo-id</i>	(Optional) Specific topology information
switch-id	Display Switch-ID Database
ip2mac	(Optional) Display IP to MAC entries
detail	(Optional) Display Hostname information
__readonly__	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
TABLE_mt_id	(Optional)
<i>swid-topoid-out</i>	(Optional)
TABLE_sys_id	(Optional)
<i>swid-sysid-out</i>	(Optional)
<i>swid-sysid-own-out</i>	(Optional)
<i>swid-primary-out</i>	(Optional)
<i>swid-primary-tentative-out</i>	(Optional)
<i>swid-secondary-out</i>	(Optional)
<i>swid-secondary-tentative-out</i>	(Optional)
<i>swid-topo-reachable-out</i>	(Optional)
<i>swid-priority-out</i>	(Optional)

<i>swid-es-out</i>	(Optional)
<i>swid-sticky-out</i>	(Optional)
<i>swid-hostname-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis topology

```
show fabricpath isis [ <l2mp-isis-tag> ] topology [ <topo-id> ] [ summary | view ] [ __readonly__
TABLE_process_tag <process-tag-out> [ TABLE_topology [ <topo-id-out> ] [ <topo-block-absent-out> ] [
TABLE_if_name <topo-if-name-out> ] [ <topo-ce-gateway-out> ] [ <topo-fcoe-capable-out> ] [
<topo-graphs-count-out> ] [ <topo-supps-graphs-count-out> ] [ TABLE_graph_id <topo-graph-id-out>
<topo-ftag-out> <topo-ftag-out-inactive> <topo-root-sys-out> ] [ <topo-source-system-name-out> ] [
<topo-dest-system-name-out> ] [ <topo-neighbor-count-out> ] ] ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
topology	Display IS-IS Topology information
<i>topo-id</i>	(Optional) Specific topology information
summary	(Optional) Display summary topology information
view	(Optional) Display global connectivity information
<i>__readonly__</i>	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
TABLE_topology	(Optional)
<i>topo-id-out</i>	(Optional)
<i>topo-block-absent-out</i>	(Optional)
TABLE_if_name	(Optional)
<i>topo-if-name-out</i>	(Optional)
<i>topo-ce-gateway-out</i>	(Optional)
<i>topo-fcoe-capable-out</i>	(Optional)
<i>topo-graphs-count-out</i>	(Optional)
<i>topo-supps-graphs-count-out</i>	(Optional)
TABLE_graph_id	(Optional)
<i>topo-graph-id-out</i>	(Optional)

<i>topo-ftag-out</i>	(Optional)
<i>topo-root-sys-out</i>	(Optional)
<i>topo-ftag-out-inactive</i>	(Optional)
<i>topo-source-system-name-out</i>	(Optional)
<i>topo-dest-system-name-out</i>	(Optional)
<i>topo-neighbor-count-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis traffic

```
show fabricpath isis [ <l2mp-isis-tag> ] traffic [ <interface> ] [ mbuf-priority ] [ __readonly__
TABLE_process_tag <process-tag-out> <traffic-if-out> [ <traffic-if-name-out> ] <traffic-p2p-iih-out>
<traffic-p2p-iih-rcv-out> <traffic-p2p-iih-xmit-out> <traffic-p2p-iih-rcv-auth-err-out>
<traffic-p2p-iih-rcv-err-out> <traffic-p2p-iih-rexmit-out> <traffic-csnp-out> <traffic-csnp-rcv-out>
<traffic-csnp-xmit-out> <traffic-csnp-rcv-auth-err-out> <traffic-csnp-rcv-err-out> <traffic-csnp-rexmit-out>
<traffic-psnp-out> <traffic-psnp-rcv-out> <traffic-psnp-xmit-out> <traffic-psnp-rcv-auth-err-out>
<traffic-psnp-rcv-err-out> <traffic-psnp-rexmit-out> <traffic-lsp-out> <traffic-lsp-rcv-out>
<traffic-lsp-flood-out> <traffic-lsp-rcv-auth-err-out> <traffic-lsp-rcv-err-out> <traffic-lsp-rexmit-out>
<traffic-gmlsp-out> <traffic-gmlsp-rcv-out> <traffic-gmlsp-flood-out> <traffic-gmlsp-rcv-auth-err-out>
<traffic-gmlsp-rcv-err-out> <traffic-gmlsp-rexmit-out> [ <traffic-xmit-err-out> ] [
<traffic-unknown-pdu-rcv-out> ] ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
traffic	Display IS-IS traffic information
<i>interface</i>	(Optional) IS-IS interface
mbuf-priority	(Optional) Display mbuf priorities for received PDUs
<i>__readonly__</i>	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
<i>traffic-if-out</i>	(Optional)
<i>traffic-if-name-out</i>	(Optional)
<i>traffic-p2p-iih-out</i>	(Optional)
<i>traffic-p2p-iih-rcv-out</i>	(Optional)
<i>traffic-p2p-iih-xmit-out</i>	(Optional)
<i>traffic-p2p-iih-rcv-auth-err-out</i>	(Optional)
<i>traffic-p2p-iih-rcv-err-out</i>	(Optional)
<i>traffic-p2p-iih-rexmit-out</i>	(Optional)
<i>traffic-csnp-out</i>	(Optional)

<i>traffic-csnp-rcv-out</i>	(Optional)
<i>traffic-csnp-xmit-out</i>	(Optional)
<i>traffic-csnp-rcv-auth-err-out</i>	(Optional)
<i>traffic-csnp-rcv-err-out</i>	(Optional)
<i>traffic-csnp-rexmit-out</i>	(Optional)
<i>traffic-psnp-out</i>	(Optional)
<i>traffic-psnp-rcv-out</i>	(Optional)
<i>traffic-psnp-xmit-out</i>	(Optional)
<i>traffic-psnp-rcv-auth-err-out</i>	(Optional)
<i>traffic-psnp-rcv-err-out</i>	(Optional)
<i>traffic-psnp-rexmit-out</i>	(Optional)
<i>traffic-lsp-out</i>	(Optional)
<i>traffic-lsp-rcv-out</i>	(Optional)
<i>traffic-lsp-flood-out</i>	(Optional)
<i>traffic-lsp-rcv-auth-err-out</i>	(Optional)
<i>traffic-lsp-rcv-err-out</i>	(Optional)
<i>traffic-lsp-rexmit-out</i>	(Optional)
<i>traffic-gmlsp-out</i>	(Optional)
<i>traffic-gmlsp-rcv-out</i>	(Optional)
<i>traffic-gmlsp-flood-out</i>	(Optional)
<i>traffic-gmlsp-rcv-auth-err-out</i>	(Optional)
<i>traffic-gmlsp-rcv-err-out</i>	(Optional)
<i>traffic-gmlsp-rexmit-out</i>	(Optional)
<i>traffic-xmit-err-out</i>	(Optional)
<i>traffic-unknown-pdu-rcv-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis trees

```
show fabricpath isis [ <l2mp-isis-tag> ] [ topology <topo-id> ] trees [ [ multideestination <tree-id> ] [ is | detail ] ] [ __readonly__ TABLE_process_tag <process-tag-out> TABLE_mt_id <graph-topoid-out> TABLE_graph_id <graph-id-out> <graph-afi-safi-out> TABLE_route_entry <graph-route-id-out> <graph-lvl-absent-out> <graph-prefix-out> <graph-level-out> <graph-summ-discard-addr-out> <graph-discard-addr-out> <graph-addr-print-out> <graph-header-level-out> <graph-direct-print-out> <graph-direct-out> <graph-direct-via-out> <graph-direct-if-name-out> <graph-direct-metric-out> <graph-direct-level-out> <graph-direct-instance-out> <graph-marker-out> <graph-addr-valid-out> TABLE_if_entry <graph-ifname-out> <graph-metric-out> <graph-pref-out> <graph-no-def-prefix-out> <graph-instance-out> <graph-discard-mask-out> <graph-sum-prefix-out> <graph-sum-prefix-len-out> <graph-total-out> <graph-paths-total-out> <graph-paths-best-out> <graph-paths-backup-out> <graph-sum-lvl-out> <graph-sum-total-out> <graph-sum-direct-out> <graph-sum-normal-out> <graph-sum-missing-out> <graph-best-pend-num-out> <graph-bestpaths-out> <graph-backuppaths-out> <graph-bestroutes-per-mask-out> <graph-best-mask-val-out> <graph-best-mask-count-out> <graph-pend-q-count-out> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
topology	(Optional) Display IS-IS Topology information
<i>topo-id</i>	(Optional) Specific topology information
trees	Display IS-IS tree information
multideestination	(Optional) Display multideestination information
<i>tree-id</i>	(Optional) Specific tree identifier
is	(Optional) Shows the ISes
detail	(Optional) Show annotated output with direct neighbor info
__readonly__	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag-out</i>	(Optional)
TABLE_mt_id	(Optional)
<i>graph-topoid-out</i>	(Optional)
TABLE_graph_id	(Optional)
<i>graph-id-out</i>	(Optional)

<i>graph-afi-safi-out</i>	(Optional)
TABLE_route_entry	(Optional)
<i>graph-route-id-out</i>	(Optional)
<i>graph-lvl-absent-out</i>	(Optional)
<i>graph-prefix-out</i>	(Optional)
<i>graph-level-out</i>	(Optional)
<i>graph-summ-discard-addr-out</i>	(Optional)
<i>graph-discard-addr-out</i>	(Optional)
<i>graph-addr-print-out</i>	(Optional)
<i>graph-header-level-out</i>	(Optional)
<i>graph-direct-print-out</i>	(Optional)
<i>graph-direct-out</i>	(Optional)
<i>graph-direct-via-out</i>	(Optional)
<i>graph-direct-if-name-out</i>	(Optional)
<i>graph-direct-metric-out</i>	(Optional)
<i>graph-direct-level-out</i>	(Optional)
<i>graph-direct-instance-out</i>	(Optional)
<i>graph-marker-out</i>	(Optional)
<i>graph-addr-valid-out</i>	(Optional)
<i>graph-no-def-prefix-out</i>	(Optional)
TABLE_if_entry	(Optional)
<i>graph-ifname-out</i>	(Optional)
<i>graph-metric-out</i>	(Optional)
<i>graph-pref-out</i>	(Optional)
<i>graph-instance-out</i>	(Optional)
<i>graph-discard-mask-out</i>	(Optional)
<i>graph-sum-prefix-out</i>	(Optional)
<i>graph-sum-prefix-len-out</i>	(Optional)
<i>graph-total-out</i>	(Optional)

<i>graph-paths-total-out</i>	(Optional)
<i>graph-paths-best-out</i>	(Optional)
<i>graph-paths-backup-out</i>	(Optional)
<i>graph-sum-lvl-out</i>	(Optional)
<i>graph-sum-total-out</i>	(Optional)
<i>graph-sum-direct-out</i>	(Optional)
<i>graph-sum-normal-out</i>	(Optional)
<i>graph-sum-missing-out</i>	(Optional)
<i>graph-best-pend-num-out</i>	(Optional)
<i>graph-bestpaths-out</i>	(Optional)
<i>graph-backuppaths-out</i>	(Optional)
<i>graph-bestroutes-per-mask-out</i>	(Optional)
<i>graph-best-mask-val-out</i>	(Optional)
<i>graph-best-mask-count-out</i>	(Optional)
<i>graph-pend-q-count-out</i>	(Optional)

Command Mode

- /exec

show fabricpath isis vlan-range

```
show fabricpath isis [ <l2mp-isis-tag> ] [ topology <topo-id> ] vlan-range [ __readonly__ TABLE_process_tag
<process-tag> [ TABLE_topology <topo-id> [ <vlan-id> ] ] ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
isis	Fabricpath IS-IS information
<i>l2mp-isis-tag</i>	(Optional) Fabricpath domain tag
topology	(Optional) Display IS-IS Topology information
<i>topo-id</i>	(Optional) Specific topology information
vlan-range	Displays vlans in the topology
<i>__readonly__</i>	(Optional)
TABLE_process_tag	(Optional)
<i>process-tag</i>	(Optional)
TABLE_topology	(Optional)
<i>topo-id</i>	(Optional)
<i>vlan-id</i>	(Optional)

Command Mode

- /exec

show fabricpath load-balance

```
show fabricpath load-balance [ __readonly__ <is_mcast> <algo> [ <pref> ] <rotate_amount> <use_vlan>
<xor_warn> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
load-balance	Show FabricPath load-balance information
<i>__readonly__</i>	(Optional) Read Only
<i>is_mcast</i>	(Optional) Is mcast config
<i>algo</i>	(Optional) Hash type used
<i>pref</i>	(Optional) Layer preference
<i>rotate_amount</i>	(Optional) Rotate ammount
<i>use_vlan</i>	(Optional) Use VLAN in hash
<i>xor_warn</i>	(Optional) XOR Warning

Command Mode

- /exec

show fabricpath load-balance multicast ftag-selected flow-type vlan module

```
show fabricpath load-balance multicast ftag-selected flow-type { l2 { { dst-mac <dst-mac> | src-mac <src-mac> } + { ether-type <ether-type> } } | l3 { dst-ip <dst-ip> | src-ip <src-ip> | dst-ipv6 <dst-ipv6> | src-ipv6 <src-ipv6> } + | l4 { { l4-src-port <l4-src-port> | l4-dst-port <l4-dst-port> } + [ dst-ip <dst-ip> | src-ip <src-ip> | dst-ipv6 <dst-ipv6> | src-ipv6 <src-ipv6> | l4-src-port <l4-src-port> | l4-dst-port <l4-dst-port> ] + } } { vlan <vlan> } { module <mod-no> } [ __readonly__ <cmd_string> <is_dce_module> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
load-balance	Show FabricPath load-balance information
multicast	Show FabricPath multicast load-balance information
ftag-selected	ftag information
module	Ingress module at Fabricpath edge
<i>mod-no</i>	module number
flow-type	indicate flow type as L2 or L3 or L4
l4	indicate Layer 4 flow
l3	indicate Layer 3 flow
l2	indicate Layer 2 flow
dst-mac	Destination MAC Address
<i>dst-mac</i>	Mac Address
src-mac	Source MAC Address
<i>src-mac</i>	Mac Address
vlan	Virtual LAN
<i>vlan</i>	VLAN id
ether-type	Ether Type
<i>ether-type</i>	Ether Type id
dst-ip	Destination IPv4 address
<i>dst-ip</i>	Destination IP address in format i.i.i.i
src-ip	Source IPv4 address

<i>src-ip</i>	Source IP address in format i.i.i.i
<i>dst-ipv6</i>	Destination IPv6 address
<i>src-ipv6</i>	Source IPv6 address
<i>l4-src-port</i>	Source L4 port
<i>l4-src-port</i>	L4 port number
<i>l4-dst-port</i>	Destination l4 port
<i>l4-dst-port</i>	L4 port number
<i>__readonly__</i>	(Optional) Read Only
<i>cmd_string</i>	(Optional) Command String
<i>is_dce_module</i>	(Optional) Whether Module is DCE

Command Mode

- /exec

show fabricpath load-balance unicast forwarding-path ftag switchid flow-type module

```
show fabricpath load-balance unicast forwarding-path ftag <ftag> switchid <swid> flow-type { l2 { { dst-mac <dst-mac> | src-mac <src-mac> } + { ether-type <ether-type> } } | l3 { dst-ip <dst-ip> | src-ip <src-ip> | dst-ipv6 <dst-ipv6> | src-ipv6 <src-ipv6> } + | l4 { { l4-src-port <l4-src-port> | l4-dst-port <l4-dst-port> } + [ dst-ip <dst-ip> | src-ip <src-ip> | dst-ipv6 <dst-ipv6> | src-ipv6 <src-ipv6> | l4-src-port <l4-src-port> | l4-dst-port <l4-dst-port> ] + } } [ vlan <vlan> ] { module <mod-no> } [ __readonly__ <cmd_string> <is_dce_module> ]
```

Syntax Description

show	Show running system information
fabricpath	fabricpath information
load-balance	Show FabricPath load-balance information
unicast	Show FabricPath unicast load-balance information
forwarding-path	forwarding-path
module	Ingress module
<i>mod-no</i>	module number
ftag	ftag
<i>ftag</i>	ftag
switchid	switchid
<i>swid</i>	switch id
flow-type	indicate flow type as L2 or L3 or L4
l4	indicate Layer 4 flow
l3	indicate Layer 3 flow
l2	indicate Layer 2 flow
src-mac	Source MAC Address
<i>src-mac</i>	Mac Address
dst-mac	Destination MAC Address
<i>dst-mac</i>	Mac Address
vlan	(Optional) Virtual LAN
<i>vlan</i>	(Optional) VLAN id

ether-type	Ether Type
<i>ether-type</i>	Ether Type id
src-ip	Source IPv4 address
<i>src-ip</i>	Source IP address in format i.i.i.i
dst-ip	Destination IPv4 address
<i>dst-ip</i>	Destination IP address in format i.i.i.i
src-ipv6	Source IPv6 address
dst-ipv6	Destination IPv6 address
l4-src-port	Source L4 port
<i>l4-src-port</i>	L4 port number
l4-dst-port	Destination l4 port
<i>l4-dst-port</i>	L4 port number
<u>__readonly__</u>	(Optional) Read Only
<i>cmd_string</i>	(Optional) Command String
<i>is_dce_module</i>	(Optional) Whether Module is DCE

Command Mode

- /exec

show fabricpath switch-id local

```
show fabricpath switch-id local [ __readonly__ <swid_value> <system_id_value> <error_message> ]
```

Syntax Description

fabricpath	fabricpath information
switch-id	Switch ID
local	local switch-id
__readonly__	(Optional) Read Only
<i>swid_value</i>	(Optional) Switch Id
<i>system_id_value</i>	(Optional) System Id
<i>error_message</i>	(Optional) Error message

Command Mode

- /exec

show fabricpath switch

```
show fabricpath { switch-id | ftag } [ __readonly__ <no_value_str> <no_switch-ids> <local_swid_present>
<swid-hdr> { TABLE_swid <swid-value> <system-id> <swid-flags> <swid-state> <static> <emulated>
<localswid> } <ftag-hdr> { TABLE_ftag <ftag-value> <system-id-ftag> <tree-id> <topology-id> <ftag-flags>
<ftag-state> } ]
```

Syntax Description

fabricpath	fabricpath information
switch-id	Switch ID
ftag	Ftag
__readonly__	(Optional) Read Only
TABLE_swid	(Optional) Switch-id Table
TABLE_ftag	(Optional) Ftag Table
<i>system-id</i>	(Optional) Mac Address
<i>system-id-ftag</i>	(Optional) MAC Address
<i>swid-value</i>	(Optional) Switch ID
<i>ftag-value</i>	(Optional) FTAG ID
<i>swid-flags</i>	(Optional) switch-id flags
<i>ftag-flags</i>	(Optional) switch-id flags
<i>tree-id</i>	(Optional) tree-id
<i>topology-id</i>	(Optional) topology-id
<i>swid-state</i>	(Optional) Switch-id state
<i>ftag-state</i>	(Optional) Ftag state
<i>static</i>	(Optional) Static Switch-id
<i>emulated</i>	(Optional) Emulated Switch-id
<i>localswid</i>	(Optional) Local Switch-id
<i>swid-hdr</i>	(Optional) Switch-id Header
<i>ftag-hdr</i>	(Optional) Ftag Header
<i>no_value_str</i>	(Optional) no value passed
<i>no_switch-ids</i>	(Optional) Number of switch-ids

<i>local_swid_present</i>	(Optional) Local swid is known
---------------------------	--------------------------------

Command Mode

- /exec

show fabricpath system-id

show fabricpath system-id <system-id> [*__readonly__* <switch_id> <no_value_str> <state>]

Syntax Description

fabricpath	fabricpath information
system-id	System-id
<i>system-id</i>	MAC Address
<i>__readonly__</i>	(Optional) Read Only
<i>switch_id</i>	(Optional) Switch-ID
<i>state</i>	(Optional) Status of Switch-id
<i>no_value_str</i>	(Optional) no value passed

Command Mode

- /exec

show fabricpath timers

show fabricpath timers [*__readonly__* <allocate_delay> <transition_delay> <linkup_delay>]

Syntax Description

<i>fabricpath</i>	fabricpath information
<i>timers</i>	fabricpath Timers
<i>__readonly__</i>	(Optional) Read Only
<i>allocate_delay</i>	(Optional) Allocation delay timer
<i>transition_delay</i>	(Optional) Transition delay timer
<i>linkup_delay</i>	(Optional) Delay in link up

Command Mode

- /exec

show fabricpath topology-id

show fabricpath topology-id <topology-id> [__readonly__ <ftag> <tree_id> <no_value_str>]

Syntax Description

fabricpath	fabricpath information
topology-id	Topology-id
<i>topology-id</i>	Topology-id
__readonly__	(Optional) Read Only
<i>ftag</i>	(Optional) ftag
<i>tree_id</i>	(Optional) tree-id
<i>no_value_str</i>	(Optional) no value passed

Command Mode

- /exec

show fabricpath topology

```
show fabricpath topology [ detail ] [ passive ] [ __readonly__ TABLE_tpg <name> <id> <state> [ <reason>
<pend> ] ]
```

Syntax Description

show	Show running system information
fabricpath	Configure fabricpath topology
topology	Configure fabricpath topology
detail	(Optional) Detailed information
passive	(Optional) Detailed passive topology information
__readonly__	(Optional)
TABLE_tpg	(Optional)
<i>name</i>	(Optional)
<i>id</i>	(Optional)
<i>state</i>	(Optional)
<i>reason</i>	(Optional)
<i>pend</i>	(Optional)

Command Mode

- /exec

show fabricpath topology ftag

```
show fabricpath topology [ <tpg-id> ] ftag [ unicast | multicast | active | internal snmp cfptTopologyTreeTable
topo-id <tpg_index-in> tree-id <tree_id-in> ] [ __readonly__ TABLE_tpg_ftag <tpg_name> <tpg_id>
<graph_id> <ftag_id> <unicast> <multicast> <active> <tpg_index-in> <tpg_index-out> <tree_id-in>
<tree_id-out> <cfptTopologyTreeFtag> <cfptTopologyTreeState> <cfptTopologyTreeType> ]
```

Syntax Description

show	Show running system information
fabricpath	Configure fabricpath topology
topology	Configure fabricpath topology
<i>tpg-id</i>	(Optional) Fabricpath Topology ID 0-63
ftag	Forwarding tag of a graph
unicast	(Optional) Show unicast ftags
multicast	(Optional) Show multicast ftags
active	(Optional) Show active multicast ftags
internal	(Optional) Commands for internal use
snmp	(Optional) Display snmp info
cfptTopologyTreeTable	(Optional)
topo-id	(Optional) Topology index
tree-id	(Optional) Tree index
__readonly__	(Optional)
TABLE_tpg_ftag	(Optional)
<i>tpg_name</i>	(Optional)
<i>tpg_id</i>	(Optional)
<i>graph_id</i>	(Optional)
<i>ftag_id</i>	(Optional)
<i>unicast</i>	(Optional)
<i>multicast</i>	(Optional)
<i>active</i>	(Optional)
<i>tpg_index-in</i>	(Optional) topology index

<i>tpg_index-out</i>	(Optional) topology index
<i>tree_id-in</i>	(Optional) tree index
<i>tree_id-out</i>	(Optional) tree index
<i>cfptTopologyTreeFtag</i>	(Optional) ftag
<i>cfptTopologyTreeState</i>	(Optional) state
<i>cfptTopologyTreeType</i>	(Optional) row status
<i>tpg_index-in</i>	(Optional) <tree_id-in>

Command Mode

- /exec

show fabricpath topology interface

```
show fabricpath topology [ <tpg-id> ] interface [ <interface> | all ] [ __readonly__ TABLE_tpg_if <if_name>
<tpg_name> <tpg_id> <tpg_if_state> ]
```

Syntax Description

show	Show running system information
fabricpath	Configure fabricpath topology
topology	Configure fabricpath topology
<i>tpg-id</i>	(Optional) Fabricpath Topology ID 0-63
interface	Display interface topology information
<i>interface</i>	(Optional) Display interface topology information
all	(Optional) Display all DCE and non-DCE interfaces
<i>__readonly__</i>	(Optional)
TABLE_tpg_if	(Optional)
<i>if_name</i>	(Optional)
<i>tpg_name</i>	(Optional)
<i>tpg_id</i>	(Optional)
<i>tpg_if_state</i>	(Optional)

Command Mode

- /exec

show fabricpath topology interface vlan

```
show fabricpath topology interface [ <interface> | all ] vlan [ active ] [ __readonly__ TABLE_if_vlan <if_name>
<tpg_name> <tpg_id> <vlan_range> ]
```

Syntax Description

show	Show running system information
fabricpath	Configure fabricpath topology
topology	Configure fabricpath topology
interface	Display interface topology information
<i>interface</i>	(Optional) Display interface topology information
all	(Optional) Display all DCE and non-DCE interfaces
vlan	Show vlans configured on the interface
active	(Optional) Show active vlans
__readonly__	(Optional)
TABLE_if_vlan	(Optional)
<i>if_name</i>	(Optional)
<i>tpg_name</i>	(Optional)
<i>tpg_id</i>	(Optional)
<i>vlan_range</i>	(Optional)

Command Mode

- /exec

show fabricpath topology vlan

```
show fabricpath topology [ <tpg-id> ] vlan [ active ] [ __readonly__ TABLE_tpg_vlan <tpg_name> <tpg_id>
<vlan_range> ]
```

Syntax Description

show	Show running system information
fabricpath	Configure fabricpath topology
topology	Configure fabricpath topology
<i>tpg-id</i>	(Optional) Fabricpath Topology ID 0-63
vlan	VLANS in a L2 topology
active	(Optional) Shows all active VLANs of the L2 topology
__readonly__	(Optional)
TABLE_tpg_vlan	(Optional)
<i>tpg_name</i>	(Optional)
<i>tpg_id</i>	(Optional)
<i>vlan_range</i>	(Optional)

Command Mode

- /exec

show feature-set

```
show feature-set [ <name> ] [ <id> ] [ __readonly__ TABLE_cfcFeatureSetTable <cfcFeatureSetIndex>
<cfcFeatureSetName> <cfcFeatureSetAction> <cfcFeatureSetLastAction> <cfcFeatureSetLastActionResult>
<cfcFeatureSetLastFailureReason> <cfcFeatureSetOpStatus> <cfcFeatureSetOpStatusReason> ]
```

Syntax Description

show	Show running system information
feature-set	Show feature set status
<i>name</i>	(Optional) feature-set name
<i>id</i>	(Optional) feature-set id
<i>__readonly__</i>	(Optional)
<i>TABLE_cfcFeatureSetTable</i>	(Optional) feature-set table
<i>cfcFeatureSetIndex</i>	(Optional) feature-set table index
<i>cfcFeatureSetName</i>	(Optional) feature-set name
<i>cfcFeatureSetAction</i>	(Optional) action
<i>cfcFeatureSetLastAction</i>	(Optional) last action
<i>cfcFeatureSetLastActionResult</i>	(Optional) last action result
<i>cfcFeatureSetLastFailureReason</i>	(Optional) last failure reason
<i>cfcFeatureSetOpStatus</i>	(Optional) operation status
<i>cfcFeatureSetOpStatusReason</i>	(Optional) operation status

Command Mode

- /exec

show feature-set services

```
show feature-set services <s0> [ __readonly__ { TABLE_services <service_name> } { <count> <feature_set> } ]
```

Syntax Description

show	Show running system information
feature-set	Show feature set status
services	Show services in feature set
<i>__readonly__</i>	(Optional)
<i>TABLE_services</i>	(Optional) all service names in feature set
<i>service_name</i>	(Optional) name of the service
<i>count</i>	(Optional) number of services in the feature set
<i>feature_set</i>	(Optional) feature set name
<i>s0</i>	Name of feature set

Command Mode

- /exec

show feature

```
show feature [ __readonly__ [ { TABLE_cfcFeatureCtrlTable <cfcFeatureCtrlIndex2>
<cfcFeatureCtrlInstanceNum2> <cfcFeatureCtrlName2> <cfcFeatureCtrlAction2> <cfcFeatureCtrlLastAction2>
<cfcFeatureCtrlLastActionResult2> <cfcFeatureCtrlLastFailureReason2> <cfcFeatureCtrlOpStatus2>
<cfcFeatureCtrlOpStatusReason2> <cfcFeatureCtrlTag2> } ] ]
```

Syntax Description

show	Show running system information
feature	Show feature status
__readonly__	(Optional)
TABLE_cfcFeatureCtrlTable	(Optional) feature table
<i>cfcFeatureCtrlIndex2</i>	(Optional) feature table index
<i>cfcFeatureCtrlInstanceNum2</i>	(Optional) instance number
<i>cfcFeatureCtrlName2</i>	(Optional) feature name
<i>cfcFeatureCtrlAction2</i>	(Optional) Action to be triggered for the feature
<i>cfcFeatureCtrlLastAction2</i>	(Optional) Last action triggered for the feature
<i>cfcFeatureCtrlLastActionResult2</i>	(Optional) The result of execution of the last action
<i>cfcFeatureCtrlLastFailureReason2</i>	(Optional) Failure Reason
<i>cfcFeatureCtrlOpStatus2</i>	(Optional) operation status
<i>cfcFeatureCtrlOpStatusReason2</i>	(Optional) Reason for current operation status
<i>cfcFeatureCtrlTag2</i>	(Optional) Name of the instance in string format in case of multinstance feature

Command Mode

- /exec

show fex

```
show fex [ __readonly__ TABLE_fex <fex_number> <chas_vendor> <fex_model> <chas_ser> <mod_model>
<fex_ser> <module_no> <mod_partno> <fex_descr> <fex_state> ]
```

Syntax Description

show	Show running system information
fex	Show FEX information
__readonly__	(Optional)
TABLE_fex	(Optional) Fex table
<i>fex_number</i>	(Optional) Configured FEX number
<i>chas_vendor</i>	(Optional) Chassis Vendor
<i>fex_model</i>	(Optional) Fex Model
<i>chas_ser</i>	(Optional) Chassis Serial number
<i>mod_model</i>	(Optional) IO Module model
<i>fex_ser</i>	(Optional) IO Module serial
<i>module_no</i>	(Optional) Module number
<i>mod_partno</i>	(Optional) Module Part Number
<i>fex_descr</i>	(Optional) FEX description
<i>fex_state</i>	(Optional) Module State

Command Mode

- /exec

show fex

```
show fex <chas_no> [ detail | ports | event-history ] [ __readonly__ { TABLE_fex_info <chas_id> <descr>
<fex_state> <fex_ver> <sw_ver> <fex_interim_ver> <sw_interim_ver> <model> <serial> <part_no> <card_id>
<mac> <num_macs> <bay> <rack> <enclosure> <enclosure_ser> <rack_id> <fex_sw_gen> <sw_sw_gen>
<pin_mode> <max_link> <post_level> <fbr_port_control> <fcoe_admin> <fcoe_oper> <fex_aa_configured>
} { TABLE_fbr_state <fbr_index> <fbr_oper_state> <fsm_state> } { TABLE_fex_port <fex_port>
<fex_port_oper_state> <fbr_port> <primary_fabric> } { TABLE_logs <log> } ]
```

Syntax Description

show	Show running system information
fex	Show FEX information
<i>chas_no</i>	FEX number
detail	(Optional) Detailed information
ports	(Optional) all FEX port information
event-history	(Optional) FEX event history
<i>__readonly__</i>	(Optional)
TABLE_fex_info	(Optional) FEX information
<i>chas_id</i>	(Optional) Configured FEX number
<i>descr</i>	(Optional) Description
<i>fex_state</i>	(Optional) FEX State
<i>fex_ver</i>	(Optional) FEX version
<i>sw_ver</i>	(Optional) Switch version
<i>fex_interim_ver</i>	(Optional) FEX interim version
<i>sw_interim_ver</i>	(Optional) Switch interim version
<i>model</i>	(Optional) FEX model
<i>serial</i>	(Optional) FEX serial
<i>part_no</i>	(Optional) Part number
<i>card_id</i>	(Optional) Card id
<i>mac</i>	(Optional) Mac address
<i>num_macs</i>	(Optional) Number of macs
<i>bay</i>	(Optional) Bay Number

<i>rack</i>	(Optional) Rack Name
<i>enclosure</i>	(Optional) Enclosure Name
<i>enclosure_ser</i>	(Optional) Enclosure serial
<i>rack_id</i>	(Optional) Rack id
<i>fex_sw_gen</i>	(Optional) Fex software gen
<i>sw_sw_gen</i>	(Optional) Switch software gen
<i>pin_mode</i>	(Optional) Pinning mode
<i>max_link</i>	(Optional) Maximum links
<i>post_level</i>	(Optional) Post level
<i>fbr_port_control</i>	(Optional) Fabric port for control traffic
<i>fcoe_admin</i>	(Optional) FCoE Admin
<i>fcoe_oper</i>	(Optional) FCoE Oper
<i>fex_aa_configured</i>	(Optional) FCoE Oper
TABLE_fbr_state	(Optional) Fabric port state
<i>fbr_index</i>	(Optional) Fabric port interface
<i>fbr_oper_state</i>	(Optional) Fabric port operational state
<i>fsm_state</i>	(Optional) Fabric FSM state
TABLE_fex_port	(Optional) FEX port
<i>fex_port</i>	(Optional) FEX port
<i>fex_port_oper_state</i>	(Optional) Operational state
<i>fbr_port</i>	(Optional) Fabric port
<i>primary_fabric</i>	(Optional) Primary fabric port
TABLE_logs	(Optional) FEX logs
<i>log</i>	(Optional) FEX log

Command Mode

- /exec

show fex detail

```
show fex detail [ __readonly__ TABLE_fex_info <chas_id> <descr> <fex_state> <fex_ver> <sw_ver>
<fex_interim_ver> <sw_interim_ver> <model> <serial> <part_no> <card_id> <mac> <num_macs> <bay>
<rack> <enclosure> <enclosure_ser> <rack_id> <fex_sw_gen> <sw_sw_gen> <pin_mode> <max_link>
<post_level> <fbr_port_control> { TABLE_fbr_state <fbr_index> <fbr_oper_state> <fsm_state> } {
TABLE_fex_port <fex_port> <fex_port_oper_state> <fbr_port> <primary_fabric> } { TABLE_logs <log>
} ]
```

Syntax Description

show	Show running system information
fex	Show FEX information
detail	Detailed information
__readonly__	(Optional)
TABLE_fex_info	(Optional) FEX information
<i>chas_id</i>	(Optional) Configured FEX number
<i>descr</i>	(Optional) Description
<i>fex_state</i>	(Optional) FEX State
<i>fex_ver</i>	(Optional) FEX version
<i>sw_ver</i>	(Optional) Switch version
<i>fex_interim_ver</i>	(Optional) FEX interim version
<i>sw_interim_ver</i>	(Optional) Switch interim version
<i>model</i>	(Optional) FEX model
<i>serial</i>	(Optional) FEX serial
<i>part_no</i>	(Optional) Part number
<i>card_id</i>	(Optional) Card id
<i>mac</i>	(Optional) Mac address
<i>num_macs</i>	(Optional) Number of macs
<i>bay</i>	(Optional) Bay Number
<i>rack</i>	(Optional) Rack Name
<i>enclosure</i>	(Optional) Enclosure Name
<i>enclosure_ser</i>	(Optional) Enclosure serial

<i>rack_id</i>	(Optional) Rack id
<i>fex_sw_gen</i>	(Optional) Fex software gen
<i>sw_sw_gen</i>	(Optional) Switch software gen
<i>pin_mode</i>	(Optional) Pinning mode
<i>max_link</i>	(Optional) Maximum links
<i>post_level</i>	(Optional) Post level
<i>fbr_port_control</i>	(Optional) Fabric port for control traffic
TABLE_fbr_state	(Optional) Fabric port state
<i>fbr_index</i>	(Optional) Fabric port interface
<i>fbr_oper_state</i>	(Optional) Fabric port operational state
<i>fsm_state</i>	(Optional) Fabric FSM state
TABLE_fex_port	(Optional) FEX port
<i>fex_port</i>	(Optional) FEX port
<i>fex_port_oper_state</i>	(Optional) Operational state
<i>fbr_port</i>	(Optional) Fabric port
<i>primary_fabric</i>	(Optional) Primary fabric port
TABLE_logs	(Optional) FEX logs
<i>log</i>	(Optional) FEX log

Command Mode

- /exec

show fex transceiver

show fex <chas_no> transceiver [calibration | detail]

Syntax Description

show	Show running system information
fex	Show FEX information
<i>chas_no</i>	FEX number
transceiver	Show FEX
calibration	(Optional) Show FEX transceiver calibration information
detail	(Optional) show FEX transceiver detail information

Command Mode

- /exec

show fex version

show fex <i> version

Syntax Description

show	Show running system information
version	Show the software version
fex	Show fex software version
<i>i</i>	FEX number

Command Mode

- /exec

show fhrp

```
show fhrp [ <intf> ] [ __readonly__ { TABLE_brief <intf_name> <intf_state> <ipv4_state> <ipv6_state>
<hardware_status> <refcount> } ]
```

Syntax Description

fhrp	FHRP Show commands
show	Show running system information
<i>intf</i>	(Optional) Specify a single interface
<i>__readonly__</i>	(Optional)
<i>TABLE_brief</i>	(Optional) Show brief FHRP interface information
<i>intf_name</i>	(Optional) Interface name
<i>intf_state</i>	(Optional) Interface state
<i>ipv4_state</i>	(Optional) Interface IPv4 state
<i>ipv6_state</i>	(Optional) Interface IPv6 state
<i>hardware_status</i>	(Optional) Interface hardware status
<i>refcount</i>	(Optional) Interface refcount

Command Mode

- /exec

show fhrp verbose

```
show fhrp [ <intf> ] verbose [ __readonly__ { TABLE_det <intf_name> <handle> <refcount> { TABLE_clients
<client_id> <client_name> } <running> <expired> <v_retries> <v_time> <r_delay> <min_delay>
<remaining_delay> <i_state> <ipv4_state> <ipv6_state> <h_state> <int_l2> } ]
```

Syntax Description

fhrp	FHRP Show commands
show	Show running system information
<i>intf</i>	(Optional) Specify a single interface
verbose	Display detailed information
<i>__readonly__</i>	(Optional)
TABLE_det	(Optional) Detailed FHRP interface information
<i>intf_name</i>	(Optional) Interface name
<i>handle</i>	(Optional) Interface handle
<i>refcount</i>	(Optional) Reference count
TABLE_clients	(Optional) FHRP clients present on interface
<i>client_id</i>	(Optional) FHRP client id
<i>client_name</i>	(Optional) FHRP client name
<i>running</i>	(Optional) Time verify up timer running
<i>expired</i>	(Optional) Verify up timer has expired
<i>v_retries</i>	(Optional) Verify retries
<i>v_time</i>	(Optional) Verify remaining time
<i>r_delay</i>	(Optional) Reload delay
<i>min_delay</i>	(Optional) Min delay
<i>remaining_delay</i>	(Optional) Remaining delay
<i>i_state</i>	(Optional) Interface state
<i>ipv4_state</i>	(Optional) Interface IPv4 state
<i>ipv6_state</i>	(Optional) Interface IPv6 state
<i>h_state</i>	(Optional) Interface hardware state
<i>int_l2</i>	(Optional) Interface is L2-only

Command Mode

- /exec

show file

```
show file <uri0> [ cksum | md5sum | sha256sum | sha512sum ] [ __readonly__ { [ <file_content> ] + [ <file_content_cksum> ] [ <file_content_md5sum> ] [ <file_content_sha256sum> ] [ <file_content_sha512sum> ] } ]
```

Syntax Description

show	Show running system information
file	Displays content of files
<i>uri0</i>	Filename to be displayed
cksum	(Optional) Displays CRC checksum for a file
md5sum	(Optional) Displays MD5 checksum for a file
sha256sum	(Optional) Displays SHA256 checksum for a file
sha512sum	(Optional) Displays SHA512 checksum for a file
<i>__readonly__</i>	(Optional) Read only
<i>file_content</i>	(Optional) uri file content buffer string
<i>file_content_cksum</i>	(Optional) uri file content checksum
<i>file_content_md5sum</i>	(Optional) uri file content md5sum
<i>file_content_sha256sum</i>	(Optional) uri file content sha256sum
<i>file_content_sha512sum</i>	(Optional) uri file content sha512sum

Command Mode

- /exec

show fips status

```
show fips status [ __readonly__ { operation_status <o_status> } { mode_state <m_state> } { TABLE_sessions
<lc_num> <lc_status> } ]
```

Syntax Description

show	Show running system information
fips	Show if FIPS mode is enabled or disabled
status	Whether FIPS mode is enabled or disabled
<i>__readonly__</i>	(Optional)
<i>operation_status</i>	(Optional) run-time information about fips
<i>o_status</i>	(Optional) operational status of fips
<i>mode_state</i>	(Optional) mode state
<i>m_state</i>	(Optional) fips or non-fips state
<i>TABLE_sessions</i>	(Optional) all lc status
<i>lc_num</i>	(Optional) the lc number
<i>lc_status</i>	(Optional) the lc status

Command Mode

- /exec

show flow cache

show flow cache [ipv4 | ipv6 | ce]

Syntax Description

show	Show running system information
flow	Show NetFlow information
cache	Show NetFlow Exporter Cache
ipv4	(Optional) Show ipv4 cache entries
ipv6	(Optional) Show ipv6 cache entries
ce	(Optional) Show ce cache entries

Command Mode

- /exec

show flow exporter

```
show flow exporter [ name ] [ <exportername> ] [ __readonly__ <exporter> <description> <dest> <vrf>
<vrf_id> <vrf_resolved> <dest_udp> <source_intf> <source_ip> <dscp> <exp_ver> <seqnum>
<samp_table_to> <if_table_to> <stats_to> <temp_to> <rec_sent> <temp_sent> <pkts_sent> <bytes_sent>
<dest_unreach> <buff_events> <pkts_drop_no_route> <pkts_drop_other> <pkts_drop_lc_rp>
<pkts_drop_op_drops> <time_last_cleared> ]
```

Syntax Description

show	Show running system information
flow	Show NetFlow information
exporter	Show NetFlow Exporter Configuration and Statistics
name	(Optional) Show a specific Flow Exporter
<i>exportername</i>	(Optional) Specify an exporter
<i>__readonly__</i>	(Optional)
<i>exporter</i>	(Optional)
<i>description</i>	(Optional)
<i>dest</i>	(Optional)
<i>vrf</i>	(Optional)
<i>vrf_id</i>	(Optional)
<i>vrf_resolved</i>	(Optional)
<i>dest_udp</i>	(Optional)
<i>source_intf</i>	(Optional)
<i>source_ip</i>	(Optional)
<i>dscp</i>	(Optional)
<i>seqnum</i>	(Optional)
<i>exp_ver</i>	(Optional)
<i>samp_table_to</i>	(Optional)
<i>if_table_to</i>	(Optional)
<i>stats_to</i>	(Optional)
<i>temp_to</i>	(Optional)
<i>rec_sent</i>	(Optional)

<i>temp_sent</i>	(Optional)
<i>pkts_sent</i>	(Optional)
<i>bytes_sent</i>	(Optional)
<i>dest_unreach</i>	(Optional)
<i>buff_events</i>	(Optional)
<i>pkts_drop_no_route</i>	(Optional)
<i>pkts_drop_other</i>	(Optional)
<i>pkts_drop_lc_rp</i>	(Optional)
<i>pkts_drop_op_drops</i>	(Optional)
<i>time_last_cleared</i>	(Optional)

Command Mode

- /exec

show flow glbl-pkt-cnt

show flow glbl-pkt-cnt

Syntax Description

show	Show running system information
flow	Show NetFlow information
glbl-pkt-cnt	Show global packet count

Command Mode

- /exec

show flow interface

```
show flow interface [ <intf> ] [ __readonly__ <intf_name> <vlan_id> <v4in_mon_name> <v4in_samp_name>
<v4out_mon_name> <v4out_samp_name> <v6in_mon_name> <v6in_samp_name> <v6out_mon_name>
<v6out_samp_name> <l2in_mon_name> <l2in_samp_name> <l2out_mon_name> <l2out_samp_name> ]
```

Syntax Description

show	Show running system information
flow	Show NetFlow information
interface	Flow interface information
<i>intf</i>	(Optional) Interface
<i>__readonly__</i>	(Optional)
<i>intf_name</i>	(Optional) Interface
<i>vlan_id</i>	(Optional) VLAN ID
<i>v4in_mon_name</i>	(Optional) IPv4 Input monitor name
<i>v4in_samp_name</i>	(Optional) IPv4 Input sampler name
<i>v4out_mon_name</i>	(Optional) IPv4 Output monitor name
<i>v4out_samp_name</i>	(Optional) IPv4 Output sampler name
<i>v6in_mon_name</i>	(Optional) IPv6 Input monitor name
<i>v6in_samp_name</i>	(Optional) IPv6 Input sampler name
<i>v6out_mon_name</i>	(Optional) IPv6 Output monitor name
<i>v6out_samp_name</i>	(Optional) IPv6 Output sampler name
<i>l2in_mon_name</i>	(Optional) l2 Input monitor name
<i>l2in_samp_name</i>	(Optional) l2 Input sampler name
<i>l2out_mon_name</i>	(Optional) l2 Output monitor name
<i>l2out_samp_name</i>	(Optional) l2 Output sampler name

Command Mode

- /exec

show flow monitor

```
show flow monitor [ name ] [ <monitorname> [ cache [ detailed ] ] ] [ __readonly__ <monitor> <use_count>
<description> <record> <exporter1> <exporter2> <src_addr> <dest_addr> <direction> <pkt_count>
<byte_count> ]
```

Syntax Description

show	Show running system information
flow	Show NetFlow information
monitor	Show Monitor Configuration
name	(Optional) Show a specific Flow Monitor
<i>monitorname</i>	(Optional) Specify a monitor
cache	(Optional) Flow monitor cache contents
detailed	(Optional) Show the entire cache contents
<i>__readonly__</i>	(Optional)
<i>monitor</i>	(Optional)
<i>use_count</i>	(Optional)
<i>description</i>	(Optional)
<i>record</i>	(Optional)
<i>exporter1</i>	(Optional)
<i>exporter2</i>	(Optional)
<i>src_addr</i>	(Optional)
<i>dest_addr</i>	(Optional)
<i>direction</i>	(Optional)
<i>pkt_count</i>	(Optional)
<i>byte_count</i>	(Optional)

Command Mode

- /exec

show flow record

```
show flow record [ name ] [ { <recordname> } | { netflow-original } | { netflow { protocol-port | layer2-switched
{ input } | { ipv4 | ipv6 | l2 } { original-input | original-output } } } ] [ __readonly__ <record> <description>
<use_count> <template> ]
```

Syntax Description

show	Show running system information
flow	Show NetFlow information
record	Show Record Configuration
name	(Optional) Show the configuration for a specific Flow Record
<i>recordname</i>	(Optional) Specify a record
netflow-original	(Optional) Traditional IPv4 input NetFlow with origin ASs
netflow	(Optional) Traditional NetFlow collection schemes
ipv4	(Optional) IPv4 collection schemes
ipv6	(Optional) IPv6 collection schemes
l2	(Optional) L2 collection schemes
layer2-switched	(Optional) Layer2-Switched collection schemes
original-input	(Optional) Input NetFlow
original-output	(Optional) Output NetFlow
input	(Optional) Input NetFlow
protocol-port	(Optional) Protocol and Ports aggregation scheme
<i>__readonly__</i>	(Optional)
<i>record</i>	(Optional)
<i>description</i>	(Optional)
<i>use_count</i>	(Optional)
<i>template</i>	(Optional)

Command Mode

- /exec

show flow sw-monitor

```
show flow sw-monitor [ name ] [ <monitorname> [ cache [ detailed ] ] ]
```

Syntax Description

show	Show running system information
flow	Show NetFlow information
sw-monitor	Show Monitor Configuration
name	(Optional) Show a specific Flow Monitor
<i>monitorname</i>	(Optional) Specify a monitor
cache	(Optional) Flow monitor cache contents
detailed	(Optional) Show the entire cache contents

Command Mode

- /exec

show flow timeout

```
show flow timeout [ __readonly__ <active_to> <inactive_to> <fast_to> <th_pkts> <agg_age_to>
<flush_cache_to> ]
```

Syntax Description

show	Show running system information
flow	Show NetFlow information
timeout	Show NetFlow flow cache timeout values
<i>__readonly__</i>	(Optional)
<i>active_to</i>	(Optional)
<i>inactive_to</i>	(Optional)
<i>fast_to</i>	(Optional)
<i>th_pkts</i>	(Optional)
<i>agg_age_to</i>	(Optional)
<i>flush_cache_to</i>	(Optional)

Command Mode

- /exec

show forwarding adjacency

```
show forwarding [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ] [ ip | ipv4 ] adjacency [ mpls ] [ lisp ] [ nve ] [ <aif> ] [ <anh> ] [ detail | stats | platform ] [ module <module> ] [ __readonly__ TABLE_adj <adj-count> <fec> <nexthop> <rewinfo> <interface> <bgp_rnh> <bgp_orig_as> <bgp_peer_as> <pkts> <bytes> <exp> <src_addr> <dest_addr> <lisp_flags> <lisp_inst_id> <pltfm_key> <hh> <refcount> ]
```

Syntax Description

show	
forwarding	display fib information
ip	(Optional) ipv4
ipv4	(Optional) ipv4
adjacency	display adjacency information
platform	(Optional) one command to show pi and pd info together
vrf	(Optional) display info per VRF
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
mpls	(Optional) mpls adjacency information
lisp	(Optional) LISP adjacency information
nve	(Optional) VxLAN tunnel adjacency information
<i>aif</i>	(Optional) adjacency output interface
<i>anh</i>	(Optional) adjacency next hop
detail	(Optional) detail
stats	(Optional) adjacency statistics
module	(Optional) slot
<i>module</i>	(Optional) slot number
__readonly__	(Optional)
TABLE_adj	(Optional) Table Adjacency
<i>adj-count</i>	(Optional) total adj count
<i>fec</i>	(Optional) FEC info

<i>nexthop</i>	(Optional) next hop address
<i>rewinfo</i>	(Optional) rewrite information
<i>interface</i>	(Optional) output interface
<i>bgp_rnh</i>	(Optional) next hop address
<i>bgp_orig_as</i>	(Optional) bgp orig as
<i>bgp_peer_as</i>	(Optional) bgp peer as
<i>exp</i>	(Optional) exp mapping
<i>pkts</i>	(Optional) packet stats
<i>bytes</i>	(Optional) bytes stats
<i>src_addr</i>	(Optional) src address
<i>dest_addr</i>	(Optional) dest address
<i>lisp_flags</i>	(Optional) lisp flags
<i>lisp_inst_id</i>	(Optional) lisp instance id
<i>pltfm_key</i>	(Optional) platform key
<i>hh</i>	(Optional) Hardware Handle
<i>refcount</i>	(Optional) reference count

Command Mode

- /exec

show forwarding bypass-hardware

show forwarding bypass-hardware [module <module>]

Syntax Description

show	
forwarding	fib information
bypass-hardware	bypass hardware
module	(Optional) slot
<i>module</i>	(Optional) slot number

Command Mode

- /exec

show forwarding capture

```
show forwarding capture [ module <module> ] [ __readonly__ <type><len><data> ]
```

Syntax Description

show	
forwarding	display fib information
capture	display capture buffer
module	(Optional) slot
<i>module</i>	(Optional) slot number
<i>__readonly__</i>	(Optional)

Command Mode

- /exec

show forwarding distribution capture

show forwarding distribution capture [__readonly__ <type><len><data>]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution info
capture	unicast capture buffer
__readonly__	(Optional)

Command Mode

- /exec

show forwarding distribution clients

show forwarding distribution clients [__readonly__ <id><pid><name><shms><shme><shmn>]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution info
clients	unicast client information
__readonly__	(Optional)

Command Mode

- /exec

show forwarding distribution fib-state

```
show forwarding distribution fib-state [ __readonly__ <slot> <state><ttc><tprc><tv4ac><tv6ac> {
TABLE_fib_state <tid><tafi><prc><pc><tname> } ]
```

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution info
fib-state	unicast fib state info
__readonly__	(Optional)
<i>slot</i>	(Optional) slot number
TABLE_fib_state	(Optional) fib-state table

Command Mode

- /exec

show forwarding distribution ip igmp snooping

```
show forwarding distribution ip igmp snooping [ vlan <vlan-id> [ group [ <grpaddr> | <mac-grpaddr> ] [
source <srcaddr> ] ] ] [ detail ] [ __readonly__ <refcount> <oiflist_id> <last_oiflist_id> <ftag-id> ]
```

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
ip	IPV4 information
igmp	MFDM IGMP information
snooping	L2 mcast snooping related information
vlan	(Optional) Info specific to a vlan
<i>vlan-id</i>	(Optional) Vlan id value
group	(Optional) Group specific information
<i>grpaddr</i>	(Optional) Group address
<i>mac-grpaddr</i>	(Optional) Group MAC address
source	(Optional) (G,S) specific information
<i>srcaddr</i>	(Optional) Source address
detail	(Optional) Detailed display
<i>__readonly__</i>	(Optional)
<i>refcount</i>	(Optional) Reference Count
<i>oiflist_id</i>	(Optional) OIF list Identifier
<i>last_oiflist_id</i>	(Optional) Last OIF list Identifier
<i>ftag-id</i>	(Optional) ftag Id

Command Mode

- /exec

show forwarding distribution ipv6 multicast route

```
show forwarding distribution ipv6 multicast route [ table <table_id> | vrf <vrf-name> ] [ [ group { <group>
} ] [ source { <source> } ] | summary ] [ __readonly__ <table_type> <num_routes> <num_starg_routes>
<num_sg_routes> <num_gprefix_routes> <num_groups> <num_sources> <src_len> <grp_len> <df_ordinal>
<rpfi> <address> <flag> <route_pkts> <route_bytes> <mti_src_if> <mti_grp_ip> <mti_src_ip> ]
```

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	display fib distribution information
ipv6	IPV6 related information
multicast	display IPv6 multicast information
route	display routing table
vrf	(Optional) display routes for a specific VRF
<i>vrf-name</i>	(Optional) VRF name
table	(Optional) table
<i>table_id</i>	(Optional) table number
group	(Optional) Multicast IPv6 Group Address
source	(Optional) Multicast IPv6 Source Address
summary	(Optional) display route counts
__readonly__	(Optional)
<i>table_type</i>	(Optional) Table Type
<i>num_routes</i>	(Optional) Number of routes
<i>num_starg_routes</i>	(Optional) Number of (*,G) routes
<i>num_sg_routes</i>	(Optional) Number of (S,G) routes
<i>num_gprefix_routes</i>	(Optional) Number of (*,G-prefix) routes
<i>num_groups</i>	(Optional) Number of group entries in the table
<i>num_sources</i>	(Optional) Number of (S, G) entries for the group address
<i>address</i>	(Optional) Ipv6 address string
<i>src_len</i>	(Optional) Source Address Mask

<i>grp_len</i>	(Optional) Group address Mask
<i>df_ordinal</i>	(Optional) DF ordinal
<i>rpfif</i>	(Optional) RPF interface
<i>flag</i>	(Optional) Route type flag
<i>route_pkts</i>	(Optional) Route packet count
<i>route_bytes</i>	(Optional) Route bytes
<i>mti_src_if</i>	(Optional) MTI Source Ifindex
<i>mti_grp_ip</i>	(Optional) MTI Group IP Address
<i>mti_src_ip</i>	(Optional) MTI Source IP Address

Command Mode

- /exec

show forwarding distribution l2 multicast

```
show forwarding distribution l2 multicast [ ip-based | mac-based ] [ vlan <vlan-id> [ { group <grpaddr> [
source <srcaddr> ] } | destination-mac <dmac> ] ] [ summary ] [ __readonly__ <refcount> <oiflist_id>
<last_oiflist_id> <ftag-id> <src_str> <grp_str> <vlan> <num_routes> <num_starg_routes> <num_sg_routes>
<num_gprefix_routes> ]
```

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
l2	L2 information
multicast	L2 multicast information
ip-based	(Optional) IPv4 based
mac-based	(Optional) MAC based
vlan	(Optional) Info specific to a vlan
<i>vlan-id</i>	(Optional) Vlan id value
group	(Optional) Group specific information
<i>grpaddr</i>	(Optional) Group address
source	(Optional) (G,S) specific information
<i>srcaddr</i>	(Optional) Source address
destination-mac	(Optional) Destination MAC specific information
<i>dmac</i>	(Optional) Destination MAC address
summary	(Optional) display route counts
<i>__readonly__</i>	(Optional)
<i>refcount</i>	(Optional) Reference Count
<i>oiflist_id</i>	(Optional) OIF list Identifier
<i>last_oiflist_id</i>	(Optional) Last OIF list Identifier
<i>ftag-id</i>	(Optional) ftag Id
<i>src_str</i>	(Optional) Source
<i>grp_str</i>	(Optional) Group

<i>vlan</i>	(Optional) <i>vlan_id</i>
<i>num_routes</i>	(Optional) Number of routes
<i>num_starg_routes</i>	(Optional) Number of (*,G) routes
<i>num_sg_routes</i>	(Optional) Number of (S,G) routes
<i>num_gprefix_routes</i>	(Optional) Number of (*,G-prefix) routes

Command Mode

- /exec

show forwarding distribution lisp counters

show forwarding distribution lisp counters [*__readonly__* <count>]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution information
lisp	for lisp application
counters	counters
<i>__readonly__</i>	(Optional)
<i>count</i>	(Optional) count

Command Mode

- /exec

show forwarding distribution lisp vrf enabled

```
show forwarding distribution lisp vrf enabled [ __readonly__ { TABLE_lisp_vrf_enabled <vrf> <lisp_enabled>
<req_id> <operation> } ]
```

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution information
lisp	for lisp application
vrf	vrf
enabled	enabled
<i>__readonly__</i>	(Optional)
<i>TABLE_lisp_vrf_enabled</i>	(Optional)
<i>vrf</i>	(Optional) vrf key
<i>lisp_enabled</i>	(Optional) lisp enabled status
<i>req_id</i>	(Optional) req id
<i>operation</i>	(Optional) operation

Command Mode

- /exec

show forwarding distribution logging

show forwarding distribution logging [enable | disable]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution information
logging	enable/disable file logging
enable	(Optional) start file logging
disable	(Optional) stop file logging

Command Mode

- /exec

show forwarding distribution multicast

```
show forwarding distribution multicast [ messages ] [ __readonly__ <fibstate> <slot> <accepting_routes>
<num_accepting_routes> ]
```

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
multicast	Multicast FIB distribution information
messages	(Optional) Outstanding Message Information
<i>__readonly__</i>	(Optional)
<i>fibstate</i>	(Optional) IP Multicast FIB process state
<i>slot</i>	(Optional) Slot
<i>accepting_routes</i>	(Optional) Indicates whether FIB is accepting routes
<i>num_accepting_routes</i>	(Optional) Number of fibs accepting routes

Command Mode

- /exec

show forwarding distribution multicast client-ack-db

```
show forwarding distribution multicast client-ack-db [ __readonly__ <xid> <num_recepients> <num_responses> ]
```

Syntax Description

show	show
forwarding	Display Forwarding Information
distribution	FIB distribution information
multicast	Multicast
client-ack-db	Displays the client ack db
<i>__readonly__</i>	(Optional)
<i>xid</i>	(Optional) XID
<i>num_recepients</i>	(Optional) Number of recepients
<i>num_responses</i>	(Optional) Number of responses

Command Mode

- /exec

show forwarding distribution multicast client

show forwarding distribution multicast client [*__readonly__* <num-clients> <client-name> <client-id> <shmem-name>]

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
multicast	Multicast information
client	Show multicast distribution client information
<i>__readonly__</i>	(Optional)
<i>num-clients</i>	(Optional) Number of Clients registered
<i>client-name</i>	(Optional) Client Name
<i>client-id</i>	(Optional) Client-id
<i>shmem-name</i>	(Optional) Shared Memory Segment Name

Command Mode

- /exec

show forwarding distribution multicast download

show forwarding distribution multicast download

Syntax Description

show	
forwarding	forwarding information
distribution	FIB distribution information
multicast	Multicast FIB distribution information
download	show download queues

Command Mode

- /exec

show forwarding distribution multicast mfib

```
show forwarding distribution multicast { mfib-txlist [ vrf <vrf-name> ] | mfib-buffers }
```

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
multicast	Multicast information
mfib-txlist	Show MFIB transmission-list information
vrf	(Optional) Specify VRF
<i>vrf-name</i>	(Optional) Specify VRF name
mfib-buffers	Show MFIB route buffer information

Command Mode

- /exec

show forwarding distribution multicast outgoing-interface-list

```
show forwarding distribution multicast outgoing-interface-list { L2 | L3 | OTV } [ <index> ] [ __readonly__
<platform_index> <ref_count> <num_oif> <oif> ]
```

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
multicast	Multicast FIB distribution information
outgoing-interface-list	Outgoing interface list
L2	Layer 2 oiflist
L3	Layer 3 oiflist
OTV	OTV oiflist
<i>index</i>	(Optional) Outgoing Interface List index
<i>__readonly__</i>	(Optional)
<i>platform_index</i>	(Optional) Platform index
<i>ref_count</i>	(Optional) Reference count
<i>num_oif</i>	(Optional) Number of outgoing interfaces
<i>oif</i>	(Optional) OIF name

Command Mode

- /exec

show forwarding distribution multicast resp-ack-timer-msgs

show forwarding distribution multicast resp-ack-timer-msgs

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
multicast	Multicast information
resp-ack-timer-msgs	show response ack timers for MFDM

Command Mode

- /exec

show forwarding distribution multicast route

```
show forwarding distribution [ ip ] multicast route [ table <id> | vrf { <vrf_name> | all } ] [ [ group { <gaddr>
[ <mask> ] | <gprefix> } ] [ source { <saddr> [ <smask> ] | <sprefix> } ] | summary ] [ __readonly__
<table_name> <num_routes> <num_starg_routes> <num_sg_routes> <num_gprefix_routes> <src_len>
<grp_len> <df_ordinal> <rpfif> <rpf_ifname> <flag> <flag_value> <num_groups> <num_sources> <refcount>
<oiflist_id> <oif_count> <oif_name> <oif_ifindex> <bytecnt> <pktcnt> <mti_src_if> <mti_grp_ip>
<mti_src_ip> ]
```

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
ip	(Optional) IPV4 information
multicast	Multicast information
route	Multicast route related information
vrf	(Optional) Specify VRF
<i>vrf_name</i>	(Optional) Specify VRF name
all	(Optional) Display information for all VRFs
table	(Optional) Specify Multicast Routing Table
<i>id</i>	(Optional) Multicast Routing Table Identifier
group	(Optional) IPv4 Multicast Group specific
<i>gaddr</i>	(Optional) IPv4 Multicast Group Address
<i>mask</i>	(Optional) mask for group ip address
<i>gprefix</i>	(Optional) IPv4 Multicast Group Prefix
source	(Optional) IPv4 Multicast Source specific
<i>saddr</i>	(Optional) IPv4 Source Address
<i>smask</i>	(Optional) mask for group ip address
<i>sprefix</i>	(Optional) IPv4 Multicast Source Prefix
summary	(Optional) display route counts
__readonly__	(Optional)
<i>table_name</i>	(Optional) Table name

<i>num_routes</i>	(Optional) Number of routes
<i>num_starg_routes</i>	(Optional) Number of (*,G) routes
<i>num_sg_routes</i>	(Optional) Number of (S,G) routes
<i>num_gprefix_routes</i>	(Optional) Number of (*,G-prefix) routes
<i>src_len</i>	(Optional) Source Address Mask
<i>grp_len</i>	(Optional) Group address Mask
<i>df_ordinal</i>	(Optional) DF ordinal
<i>rpfif</i>	(Optional) RPF interface
<i>rpf_ifname</i>	(Optional) RPF Interface ifName
<i>flag</i>	(Optional) Route type flag
<i>flag_value</i>	(Optional) hex value of route flag
<i>num_groups</i>	(Optional) Number of group entries in the table
<i>num_sources</i>	(Optional) Number of (S, G) entries for the group address
<i>refcount</i>	(Optional) Reference Count
<i>oiflist_id</i>	(Optional) OIF list Identifier
<i>oif_count</i>	(Optional) Number of OIFs
<i>oif_name</i>	(Optional) OIF Name
<i>oif_ifindex</i>	(Optional) OIF ifIndex
<i>bytecnt</i>	(Optional) Current Byte counter
<i>pktcnt</i>	(Optional) Current Packet counter
<i>mti_src_if</i>	(Optional) MTI Source Ifindex
<i>mti_grp_ip</i>	(Optional) MTI Group IP Address
<i>mti_src_ip</i>	(Optional) MTI Source IP Address

Command Mode

- /exec

show forwarding distribution nve overlay-vlan

show forwarding distribution nve overlay-vlan [__readonly__ <str>]

Syntax Description

show	Show running system information
forwarding	forwarding information
distribution	fib distribution info
nve	nve distribution info
overlay-vlan	overlay-vlan adjacency info
__readonly__	(Optional)
<i>str</i>	(Optional)

Command Mode

- /exec

show forwarding distribution otv multicast route

```
show forwarding distribution otv multicast route [ vlan <vlan-id> ] [ __readonly__ <refcount> <oiflist_id>
<src_ip> <grp_ip> <address> <grp_length> <external_intf> <ds> <dg> <if_index> ]
```

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	FIB distribution information
otv	OTV information
multicast	Multicast information
route	Multicast route information
vlan	(Optional) Info specific to a vlan
<i>vlan-id</i>	(Optional) Vlan id value
<i>__readonly__</i>	(Optional)
<i>refcount</i>	(Optional) Reference Count
<i>oiflist_id</i>	(Optional) OIF list Identifier
<i>src_ip</i>	(Optional) Source IP
<i>grp_ip</i>	(Optional) Group IP
<i>address</i>	(Optional) IPv6 address string
<i>grp_length</i>	(Optional) Group length
<i>external_intf</i>	(Optional) External interface
<i>ds</i>	(Optional) Delivery source IP
<i>dg</i>	(Optional) Delivery group IP
<i>if_index</i>	(Optional) Interface Index

Command Mode

- /exec

show forwarding distribution pauz

show forwarding distribution { pauz | rezum }

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution information
pauz	start black-holing routes
rezum	stop black-holing routes

Command Mode

- /exec

show forwarding distribution peer-id

```
show forwarding distribution peer-id [ vpls | otv ] [ __readonly__ <header> TABLE_peer_id <app> <vlan>
<id> <peer_id> ]
```

Syntax Description

show	Show running system information
forwarding	forwarding information
distribution	fib distribution info
peer-id	HW Peer-id allocation info
vpls	(Optional) VPLS
otv	(Optional) OTV
__readonly__	(Optional)
<i>header</i>	(Optional) Header
TABLE_peer_id	(Optional) Peer ID table
<i>app</i>	(Optional) OTV/VPLS
<i>vlan</i>	(Optional) VLAN
<i>id</i>	(Optional) ID
<i>peer_id</i>	(Optional) Peer-ID

Command Mode

- /exec

show forwarding distribution test on

show forwarding distribution test { on | off }

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution information
test	show test variable
on	set variable
off	reset variable

Command Mode

- /exec

show forwarding distribution trace

show forwarding distribution trace

Syntax Description

show	
forwarding	Display Forwarding Information
distribution	fib distribution info
trace	unicast trace information

Command Mode

- /exec

show forwarding dvif primary

show forwarding dvif primary

Syntax Description

show	show
forwarding	forwarding
dvif	simulate dvif region role change
primary	role has become primary

Command Mode

- /exec

show forwarding dvif secondary

show forwarding dvif secondary

Syntax Description

show	show
forwarding	forwarding
dvif	simulate dvif region role change
secondary	role has become secondary

Command Mode

- /exec

show forwarding ecmp

```
show forwarding ecmp [ { [ vrf { <vrf-name> | <vrf-known-name> } ] lisp } ] [ platform ] [ module <module> ] [ partial ] [ redir ] [ __readonly__ <header> <ecmp_hash> <intf> <nh> <v6nh> <hw_index> <num_mpls> <holder> <refcount> <num_paths> <sw_ptr> <ecmp_partial> ]
```

Syntax Description

show	
forwarding	Display fib information
ecmp	Show information about ECMPs
vrf	(Optional) display info per VRF
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
lisp	(Optional) Show information about LISP ECMPs
platform	(Optional) one command to show pi and pd info together
module	(Optional) slot
partial	(Optional) Show partially installed ECMPs
redir	(Optional) Show ecmp behind vobj only
<i>module</i>	(Optional) slot number
<i>__readonly__</i>	(Optional)
<i>header</i>	(Optional) o/p header
<i>ecmp_hash</i>	(Optional) ecmp hash
<i>intf</i>	(Optional) interface
<i>nh</i>	(Optional) next hop
<i>v6nh</i>	(Optional) V6 next hop
<i>hw_index</i>	(Optional) Hw index
<i>num_mpls</i>	(Optional) No of MPLS ecmp
<i>holder</i>	(Optional) holder bitmap
<i>refcount</i>	(Optional) refcount
<i>sw_ptr</i>	(Optional) Software pointer
<i>num_paths</i>	(Optional) No of paths

<i>ecmp_partial</i>	(Optional) partial ecmp
---------------------	-------------------------

Command Mode

- /exec

show forwarding ecmp recursive

```
show forwarding ecmp recursive [ platform ] [ max-display-count <display_count> ] [ module <module> ] [
partial ] [ __readonly__ <header> <num_pfxs> <rnh_table_id> <nh> <rnh_len> <v6nh> <hw_instance>
<nh_vpn_label> <nh_weight> <cnh_intf> <ecmp_partial> ]
```

Syntax Description

show	
forwarding	Display fib information
ecmp	Show information about ECMPs
recursive	Show information about recursive ECMPs
platform	(Optional) one command to show pi and pd info together
module	(Optional) slot
partial	(Optional) Show partially installed ECMPs
<i>module</i>	(Optional) slot number
max-display-count	(Optional) displays max # of routes
<i>display_count</i>	(Optional) count
<i>__readonly__</i>	(Optional)
<i>header</i>	(Optional) o/p header
<i>num_pfxs</i>	(Optional) Number of prefixes using this virtual object
<i>rnh_table_id</i>	(Optional) The table id where the RNHs are present
<i>nh</i>	(Optional) Next hop info
<i>rnh_len</i>	(Optional) Next hop mask length
<i>v6nh</i>	(Optional) V6 Next hop info
<i>hw_instance</i>	(Optional) Hardware instance info
<i>nh_vpn_label</i>	(Optional) NH VPN label
<i>nh_weight</i>	(Optional) weighted ecmp info
<i>cnh_intf</i>	(Optional) cnh output interface
<i>ecmp_partial</i>	(Optional) partial ecmp

Command Mode

- /exec

show forwarding file-log disable

show forwarding file-log disable

Syntax Description

show	show
forwarding	forwarding
file-log	logging to tmp file
disable	disable

Command Mode

- /exec

show forwarding file-log enable

show forwarding file-log enable

Syntax Description

show	show
forwarding	forwarding
file-log	logging to tmp file
enable	enable

Command Mode

- /exec

show forwarding interfaces

```
show forwarding interfaces [ module <module> ] [ __readonly__ <intf> <v4adjcnt> <v6adjcnt> <rpfmode>
<mac> ]
```

Syntax Description

show	
forwarding	fib information
interfaces	show fib interface info
__readonly__	(Optional)
<i>intf</i>	(Optional) interface name
module	(Optional) slot
<i>module</i>	(Optional) slot number
<i>v4adjcnt</i>	(Optional) count of v4 adjacencies
<i>v6adjcnt</i>	(Optional) count of v6 adjacencies
<i>mac</i>	(Optional) mac address
<i>rpfmode</i>	(Optional) uRPF mode

Command Mode

- /exec

show forwarding ipv6 adjacency

```
show forwarding [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ] ipv6 adjacency [ mpls ] [ <aif> ] [ <anh> ] [ detail | stats | platform ] [ module <module> ] [ __readonly__ TABLE_adj <adj-count> <fec> <nexthop> <rewinfo> <interface> <pkts> <bytes> <bgp_rnh> <bgp_orig_as> <bgp_peer_as> <hh> <refcount> ]
```

Syntax Description

show	
forwarding	display fib information
ipv6	ipv6
adjacency	display adjacency information
platform	(Optional) one command to show pi and pd info together
vrf	(Optional) display info per VRF
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
mpls	(Optional) mpls adjacency information
<i>aif</i>	(Optional) adjacency output interface
detail	(Optional) detail
stats	(Optional) adjacency statistics
module	(Optional) slot
<i>module</i>	(Optional) slot number
<i>__readonly__</i>	(Optional)
TABLE_adj	(Optional) Table Adjacency
<i>adj-count</i>	(Optional) total adj count
<i>fec</i>	(Optional) FEC info
<i>nexthop</i>	(Optional) next hop address
<i>rewinfo</i>	(Optional) rewrite information
<i>interface</i>	(Optional) output interface
<i>pkts</i>	(Optional) packet stats

<i>bytes</i>	(Optional) bytes stats
<i>bgp_rnh</i>	(Optional) next hop address
<i>bgp_orig_as</i>	(Optional) bgp orig as
<i>bgp_peer_as</i>	(Optional) bgp peer as
<i>hh</i>	(Optional) Hardware Handle
<i>refcount</i>	(Optional) reference count

Command Mode

- /exec

show forwarding ipv6 multicast route

```
show forwarding [ vrf { <vrf-name> | <vrf-known-name> | all } | table <tab_id> ] ipv6 multicast route { [
group { <group> | <group_addr> } | source { <source> | <source_addr> } | module <module> | vrf { <vrf-name>
| all } ] + | summary [ module <module> | vrf { <vrf-name> | <vrf-known-name> | all } ] + } [ __readonly__
<table_type> <num_routes> <num_starg_routes> <num_sg_routes> <num_gprefix_routes>
<num_prefix_insert_fail> <num_groups> <num_sources> <src_len> <grp_len> <df_ordinal> <rpflf> <address>
<flag> <route_pkts> <route_bytes> ]
```

Syntax Description

show	
forwarding	display fib information
ipv6	ipv6
multicast	IPV6 related Multicast information
route	Multicast route information
vrf	(Optional) display info per VRF
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
table	(Optional) display info per vpn-id
<i>tab_id</i>	(Optional) table number
group	(Optional) Multicast IPv6 Group Address
source	(Optional) Multicast IPv6 Source Address
summary	display route counts
module	(Optional) slot
<i>module</i>	(Optional) slot number
__readonly__	(Optional)
<i>table_type</i>	(Optional) Table Type
<i>num_routes</i>	(Optional) Number of routes
<i>num_starg_routes</i>	(Optional) Number of (*,G) routes
<i>num_sg_routes</i>	(Optional) Number of (S,G) routes
<i>num_gprefix_routes</i>	(Optional) Number of (*,G-prefix) routes

<i>num_prefix_insert_fail</i>	(Optional) Prefix insert fail count
<i>num_groups</i>	(Optional) Number of group entries in the table
<i>num_sources</i>	(Optional) Number of (S, G) entries for the group address
<i>address</i>	(Optional) Ipv6 address string
<i>src_len</i>	(Optional) Source Address Mask
<i>grp_len</i>	(Optional) Group address Mask
<i>df_ordinal</i>	(Optional) DF ordinal
<i>rpfif</i>	(Optional) RPF interface
<i>flag</i>	(Optional) Route type flag
<i>route_pkts</i>	(Optional) Route packet count
<i>route_bytes</i>	(Optional) Route bytes

Command Mode

- /exec

show forwarding ipv6 pss route

```
show forwarding [ vrf { <vrf-name> | <vrf-known-name> } | table <table_id> ] ipv6 pss route [ module
<module> ]
```

Syntax Description

show	show
forwarding	forwarding
vrf	(Optional) display info per VRF
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
table	(Optional) display info per vpn-id
<i>table_id</i>	(Optional) table number
ipv6	ipv6
pss	display info from pss
route	route
module	(Optional) slot
<i>module</i>	(Optional) slot number

Command Mode

- /exec

show forwarding ipv6 route

```
show forwarding [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } | table <table_id> ] ipv6 { route | rnhdb
} [ recursive ] [ detail | summary | platform | partial | <prefix> [ longer-prefixes ] [ detail | platform ] | <address>
[ detail | platform ] | interface <interface> | next-hop <nh> | attached | unresolved | adjacency { <aif> <anh>
| drop | glean | punt } ] [ max-display-count <display_count> ] [ module <module> | vrf { <vrf-name> |
<vrf-known-name> | <vrf-all> } ] + [ __readonly__ TABLE_vrf <vrfname> <tblname> <prefix_count>
TABLE_prefix <pfx> TABLE_path [ <nexthop> | <special> ] <intf> <route_count> <path_count>
<mask_length> <routes_per_mask> ]
```

Syntax Description

show	
forwarding	display fib information
vrf	(Optional) display info per VRF
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
table	(Optional) display info per vpn-id
<i>table_id</i>	(Optional) table id in hex
ipv6	ipv6
route	display IP routing table
platform	(Optional) one command to show pi and pd info together
rnhdb	rnhdb
recursive	(Optional) display routes with recursive next hops
detail	(Optional) show detailed information about the routes
summary	(Optional) display route counts
partial	(Optional) display routes with partial ECMPs
longer-prefixes	(Optional) display longer prefixes
interface	(Optional) display routes with this output i/f only
<i>interface</i>	(Optional) output interface
next-hop	(Optional) display routes with this next-hop only
attached	(Optional) display directly connected routes
unresolved	(Optional) display unresolved routes

<i>adjacency</i>	(Optional) display routes via specified adjacency
<i>aif</i>	(Optional) adjacency output interface
<i>drop</i>	(Optional) display routes via drop adjacency
<i>glean</i>	(Optional) display routes via glean adjacency
<i>punt</i>	(Optional) display routes via punt adjacency
<i>module</i>	(Optional) slot
<i>module</i>	(Optional) slot number
<i>max-display-count</i>	(Optional) displays max # of routes
<i>display_count</i>	(Optional) count
<i>__readonly__</i>	(Optional)
<i>TABLE_vrf</i>	(Optional) vrf table
<i>vrfname</i>	(Optional) VRF name
<i>tblname</i>	(Optional) table name
<i>prefix_count</i>	(Optional) total number of prefix in VRF
<i>TABLE_prefix</i>	(Optional) all xml prefix entries
<i>px</i>	(Optional) ipv6 prefix
<i>TABLE_path</i>	(Optional) path table
<i>nexthop</i>	(Optional) next hop address
<i>special</i>	(Optional) special adjacencies
<i>intf</i>	(Optional) output interface
<i>route_count</i>	(Optional) total number of routes in VRF
<i>path_count</i>	(Optional) total number of paths in VRF
<i>mask_length</i>	(Optional) length of mask
<i>routes_per_mask</i>	(Optional)

Command Mode

- /exec

show forwarding kvfib cache on

show forwarding kvfib cache { on | off }

Syntax Description

show	
forwarding	fib information
kvfib	kvfib
cache	cache
on	set variable
off	reset variable

Command Mode

- /exec

show forwarding l2 multicast

```
show forwarding l2 multicast { [ { vlan <vlan-id> [ { group <grpaddr> source <srcaddr> } | destination-mac
<dstmac> ] } ] } [ vdc <vdc-id> ] [ module <num> ] [ __readonly__ <epoch> <resource_id> <dest_index>
<hw_handle> <dmac> <text> <value> ]
```

Syntax Description

show	Show running system information
forwarding	Forwarding information
l2	L2 related information
multicast	Multicast related information
vlan	(Optional) Information Specific to a Vlan
<i>vlan-id</i>	(Optional) Vlan id value
group	(Optional) (S,G) specific information
<i>grpaddr</i>	(Optional) Group address
source	(Optional) source specific information
<i>srcaddr</i>	(Optional) Source address
destination-mac	(Optional) Destination MAC address
<i>dstmac</i>	(Optional) Ethernet MAC address
vdc	(Optional) VDC
<i>vdc-id</i>	(Optional) VDC id
module	(Optional) Slot
<i>num</i>	(Optional) Slot number
<i>__readonly__</i>	(Optional)
<i>resource_id</i>	(Optional) Resource Identifier
<i>dest_index</i>	(Optional) Destination Index Identifier
<i>epoch</i>	(Optional) Epoch number
<i>hw_handle</i>	(Optional) Hardware Handle
<i>dmac</i>	(Optional) Destination MAC address
<i>text</i>	(Optional) String
<i>value</i>	(Optional) Value

Command Mode

- /exec

show forwarding l2vpn ipv6 multicast route

```
show forwarding l2vpn ipv6 multicast route [ [ vlan <vlan-id> ] ] [ softwarebd <software-bd> ] [ module <module> ]
```

Syntax Description

show	show
forwarding	forwarding
l2vpn	Layer 2 VPN
ipv6	ipv6
multicast	Multicast IPv6 information
route	Mcast route information
vlan	(Optional) vlan
softwarebd	(Optional) Software Bridge Domain
<i>vlan-id</i>	(Optional) vlan id
<i>software-bd</i>	(Optional) Software bd
module	(Optional) slot
<i>module</i>	(Optional) slot number

Command Mode

- /exec

show forwarding l2vpn label vpls

show forwarding l2vpn label [<label_id>] vpls [module module] [__readonly__ <label_id>]

Syntax Description

show	show
forwarding	forwarding
l2vpn	l2vpn forwarding
label	VC label
<i>label_id</i>	(Optional) VC label
vpls	VPLS
module	(Optional) slot
<i>module</i>	(Optional) slot number
__readonly__	(Optional)
<i>label_id</i>	(Optional) Label ID

Command Mode

- /exec

show forwarding l2vpn label xconnect

show forwarding l2vpn label [<label_id>] xconnect [module module] [__readonly__ <label_id>]

Syntax Description

show	show
forwarding	forwarding
l2vpn	l2vpn forwarding
label	VC label
<i>label_id</i>	(Optional) VC label
xconnect	xconnect or VPWS
module	(Optional) slot
<i>module</i>	(Optional) slot number
__readonly__	(Optional)
<i>label_id</i>	(Optional) Label ID

Command Mode

- /exec

show forwarding l2vpn multicast outgoing-interface-list

show forwarding l2vpn multicast outgoing-interface-list [index <oiflist-index>]

Syntax Description

show	
forwarding	Forwarding information
l2vpn	Layer 2 VPN
multicast	Multicast IPv4 information
outgoing-interface-list	show outgoing interface list info
index	(Optional) oiflist index
<i>oiflist-index</i>	(Optional) oiflist-index

Command Mode

- /exec

show forwarding l2vpn multicast route

```
show forwarding l2vpn multicast route [ [ vlan <vlan-id> ] ] [ softwarebd <software-bd> ] [ module <module> ]
```

Syntax Description

show	show
forwarding	forwarding
l2vpn	Layer 2 VPN
multicast	Multicast IPv4 information
route	Meast route information
vlan	(Optional) vlan
softwarebd	(Optional) Software Bridge Domain
<i>vlan-id</i>	(Optional) vlan id
<i>software-bd</i>	(Optional) Software bd
module	(Optional) slot
<i>module</i>	(Optional) slot number

Command Mode

- /exec

show forwarding l2vpn service vpls

```
show forwarding l2vpn service vpls { { service_id { <service_id> | all } } | { vlan { <vlan_id> | vlan_all } }
| { peer { { interface <intf-name> | next-hop <addr> | peer_all } } } } [ module <module> ] [ detail ]
```

Syntax Description

show	show
forwarding	display fib information
l2vpn	l2vpn forwarding
service	Services
vpls	Vpls
service_id	Specifies a service_id
<i>service_id</i>	service ID
all	all VPLS services
vlan	VLAN info
<i>vlan_id</i>	VLAN number
vlan_all	all VPLS services
peer	define the peer
peer_all	all peers
interface	PW interface for peer
<i>intf-name</i>	interface name
next-hop	Next hop to reach the peer
<i>addr</i>	IP address
module	(Optional) slot
<i>module</i>	(Optional) slot number
detail	(Optional) Display detailed information

Command Mode

- /exec

show forwarding l2vpn service xconnect

show forwarding l2vpn service xconnect { service_id { <service_id> | all } } [module <module>] [detail]

Syntax Description

show	show
forwarding	display fib information
l2vpn	l2vpn forwarding
service	Services
xconnect	xconnect or VPWS
service_id	Specify a service_id in hex
<i>service_id</i>	service ID
all	All service-id will be displayed
module	(Optional) slot
<i>module</i>	(Optional) slot number
detail	(Optional) Display detailed information

Command Mode

- /exec

show forwarding l2vpn vlan

```
show forwarding l2vpn vlan [ <vlan_id> ] [ module <module> ] [ __readonly__ <vlan> ]
```

Syntax Description

show	show
forwarding	forwarding
l2vpn	l2vpn forwarding
vlan	vlan
<i>vlan_id</i>	(Optional) vlan id
module	(Optional) slot
<i>module</i>	(Optional) slot number
<i>__readonly__</i>	(Optional)
<i>vlan</i>	(Optional) vlan

Command Mode

- /exec

show forwarding mpls

```
show forwarding mpls [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } [ label <label-id> | <prefix> | <v6prefix> ] | table <table_id> [ label <label-id> | <prefix> | <v6prefix> ] | label-space <label-space-id> | label <label-id> | <prefix> | <v6prefix> ] [ stats ] [ module <module> ] [ implicit ] [ platform ] [ __readonly__ { TABLE_mpls <label> <in-pkts> <in-bytes> <out-pkts> <out-bytes> TABLE_label_nh [ <out-table-id> <fec> <out-ip> <out-intf> <out-op> <out-label> <hh> <ref-count> } } ]
```

Syntax Description

show	show
forwarding	forwarding
mpls	mpls forwarding
vrf	(Optional) display info per VRF
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known vrf name
vrf-all	(Optional) Display information for all VRFs
table	(Optional) display info per vpn-id
<i>table_id</i>	(Optional) table number
label-space	(Optional) label space
<i>label-space-id</i>	(Optional) label space id
label	(Optional) mpls labels
<i>label-id</i>	(Optional) mpls label value
<i>prefix</i>	(Optional) Labels for single exact match route
module	(Optional) slot
<i>module</i>	(Optional) slot number
stats	(Optional) Label Statistics
implicit	(Optional) Display implicit label
platform	(Optional) Display platform information
<i>__readonly__</i>	(Optional)
TABLE_mpls	(Optional)
<i>label</i>	(Optional) mpls label value
TABLE_label_nh	(Optional)

<i>out-table-id</i>	(Optional) Output table-id
<i>fec</i>	(Optional) Prefix/Tunnel ID
<i>out-ip</i>	(Optional) Output Next Hop
<i>out-intf</i>	(Optional) Output Interface
<i>out-op</i>	(Optional) Output Label op
<i>out-label</i>	(Optional) Output Label
<i>hh</i>	(Optional) Hardware Handle
<i>ref-count</i>	(Optional) Ref Count
<i>in-pkts</i>	(Optional) Label Input Packet Stats
<i>in-bytes</i>	(Optional) Label Input Bytes Stats
<i>out-pkts</i>	(Optional) Label Output Packet Stats
<i>out-bytes</i>	(Optional) Label Output Bytes Stats

Command Mode

- /exec

show forwarding mpls aggregate

```
show forwarding mpls aggregate [ label { <label-id> | all } ] [ detail ] [ module <module> ] [ __readonly__
[ { TABLE_label_info <label> <id> [ <sw_index> } ] ] ]
```

Syntax Description

show	
forwarding	display fib information
mpls	mpls forwarding
aggregate	aggregate label
label	(Optional) label
<i>label-id</i>	(Optional) label-id
all	(Optional) all
detail	(Optional) detail
module	(Optional) slot
<i>module</i>	(Optional) slot number
__readonly__	(Optional)
TABLE_label_info	(Optional)
<i>label</i>	(Optional)
<i>id</i>	(Optional)
<i>sw_index</i>	(Optional)

Command Mode

- /exec

show forwarding mpls cbts

```
show forwarding mpls cbts [ module <module> ] [ __readonly__ [ { TABLE_cbts <label> [ <out-intf> ] [ <out-table-id> ] [ <out-ip> ] [ <out-op> } ] ] ]
```

Syntax Description

show	show
forwarding	forwarding
mpls	mpls forwarding
cbts	cbts labels
module	(Optional) slot
<i>module</i>	(Optional) slot number
<i>__readonly__</i>	(Optional)
TABLE_cbts	(Optional)
<i>label</i>	(Optional) mpls label value
<i>out-intf</i>	(Optional) Output Interface
<i>out-table-id</i>	(Optional) Output table-id
<i>out-ip</i>	(Optional) Output Next Hop
<i>out-op</i>	(Optional) Output Label op

Command Mode

- /exec

show forwarding mpls drop-stats

show forwarding mpls drop-stats [platform | label0-fwd-stats] [__readonly__ <pkts> <bytes>]

Syntax Description

show	show
forwarding	forwarding
mpls	mpls forwarding
drop-stats	MPLS dropped packets
platform	(Optional) command to display stats per chip
label0-fwd-stats	(Optional) command to display stats for label0
__readonly__	(Optional)
<i>pkts</i>	(Optional) Label Packet Stats
<i>bytes</i>	(Optional) Label Bytes Stats

Command Mode

- /exec

show forwarding mpls option_b

```
show forwarding mpls option_b [ label <label> ] [ module <module> ] [ platform ] [ __readonly__ [ {
TABLE_mpls_opt_b <label> [ <prefix> ] [ <v6prefix> ] [ <nxpath> ] [ <out-interface> ] [ <out-op> } ] ] ]
```

Syntax Description

show	show
forwarding	forwarding
mpls	mpls forwarding
option_b	Option B
label	(Optional) mpls labels
<i>label</i>	(Optional) mpls label value
module	(Optional) slot
<i>module</i>	(Optional) slot number
platform	(Optional) show pd info
__readonly__	(Optional)
TABLE_mpls_opt_b	(Optional)
<i>label</i>	(Optional) mpls label value
<i>prefix</i>	(Optional) Output Interface
<i>nxpath</i>	(Optional) Output Next Hop
<i>out-interface</i>	(Optional) Output Label op
<i>out-op</i>	(Optional) Output Label op

Command Mode

- /exec

show forwarding mpls summary

```
show forwarding mpls summary [ module <module> ] [ __readonly__ [ { TABLE_labels <space> <count>
} <total_deagg_labels> ] ]
```

Syntax Description

show	show
forwarding	display fib information
mpls	mpls forwarding
summary	summary
module	(Optional) slot
<i>module</i>	(Optional) slot number
<i>__readonly__</i>	(Optional)
TABLE_labels	(Optional)
<i>space</i>	(Optional) label space
<i>count</i>	(Optional) number of labels
<i>total_deagg_labels</i>	(Optional) total deagg labels

Command Mode

- /exec

show forwarding mpls te

```
show forwarding mpls te [ <te_if> ] [ detail ] [ module <module> ] [ __readonly__ { TABLE_te <id> [
<midpoint_source> ] [ <dest> ] [ <tunnel_id> ] [ <ext_tunnel_id> ] [ <lisp_id> ] [ <adjacency> ] [ <hh> ] [
<lfib_adj> ] [ <adj_refcount> ] [ <obj_refcount> ] [ <te_state> ] [ <next_hop> ] [ <next_if_index> ] [
<op_label> ] [ <backup_tunnel> ] [ <adj_key_id> ] [ <fir_label> ] [ <local_label> ] [ <adj_count> ] [ <type>
] [ <out_if> ] [ <out_lbl> ] [ <backup_if> ] [ <backup_lbl> ] } }
```

Syntax Description

show	
forwarding	display fib information
mpls	mpls forwarding
te	Traffic Engineering
detail	(Optional) detail
module	(Optional) slot
<i>te_if</i>	(Optional) tunnel-te number
<i>module</i>	(Optional) slot number
<i>__readonly__</i>	(Optional)
TABLE_te	(Optional)
<i>id</i>	(Optional) headend if index
<i>midpoint_source</i>	(Optional)
<i>dest</i>	(Optional)
<i>tunnel_id</i>	(Optional)
<i>ext_tunnel_id</i>	(Optional)
<i>lisp_id</i>	(Optional)
<i>adjacency</i>	(Optional)
<i>hh</i>	(Optional) HH
<i>lfib_adj</i>	(Optional) lfib adjacency is drop
<i>adj_refcount</i>	(Optional)
<i>obj_refcount</i>	(Optional)
<i>te_state</i>	(Optional)
<i>next_hop</i>	(Optional)

<i>next_if_index</i>	(Optional)
<i>op_label</i>	(Optional)
<i>backup_tunnel</i>	(Optional)
<i>adj_key_id</i>	(Optional)
<i>frr_label</i>	(Optional)
<i>local_label</i>	(Optional)
<i>adj_count</i>	(Optional) te related adj count
<i>type</i>	(Optional)
<i>out_if</i>	(Optional)
<i>out_lbl</i>	(Optional)
<i>backup_if</i>	(Optional)
<i>backup_lbl</i>	(Optional)

Command Mode

- /exec

show forwarding multicast outgoing-interface-list L2

```
show forwarding multicast outgoing-interface-list { L2 | L3 } [ platform ] [ module <module> ] [ <index> ]
[ __readonly__ <refcount> <num_oif> <intf> <encap_id> ]
```

Syntax Description

show	
forwarding	Forwarding information
multicast	Multicast IPv4 information
outgoing-interface-list	show outgoing interface list info
L2	Layer 2 oiflist
L3	Layer 3 oiflist
platform	(Optional) Display PI/PD
module	(Optional) slot
<i>module</i>	(Optional) slot number
<i>index</i>	(Optional) Outgoing Interface List Index
<i>__readonly__</i>	(Optional)
<i>refcount</i>	(Optional) Reference count
<i>num_oif</i>	(Optional) Number of outgoing interfaces
<i>intf</i>	(Optional) OIF name
<i>encap_id</i>	(Optional) encap_id

Command Mode

- /exec

show forwarding multicast route

```
show forwarding [ vrf { <vrf-name> | <vrf-known-name> | all } | table <table_id> ] [ ip | ipv4 ] multicast
route [ platform ] { [ group { <gaddr> [ <mask> ] | <gprefix> } | source { <saddr> [ <smask> ] | <sprefix> }
| module <module> | vrf { <vrf-name> | <vrf-known-name> | all } ] + | summary [ module <module> | vrf {
<vrf-name> | <vrf-known-name> | all } ] + } [ __readonly__ <table_type> <vrfname> <num_routes>
<num_starg_routes> <num_sg_routes> <num_gprefix_routes> <num_prefix_insert_fail> <num_groups>
<num_sources> <src_len> <grp_len> <df_ordinal> <rpfif> <rpf_ifindex> <flag> <flag_value> <route_pkts>
<route_bytes> <oiflist_id> <platform_id> <oif_count> <refcount> <oifname> <oifindex> <oif_pkts>
<oif_bytes> ]
```

Syntax Description

show	
forwarding	Forwarding information
ip	(Optional) ipv4
ipv4	(Optional) ipv4
multicast	Multicast IPv4 information
route	Mcast route information
platform	(Optional) Platform Details
table	(Optional) display info per vpn-id
<i>table_id</i>	(Optional) table number
vrf	(Optional) display info per VRF
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
group	(Optional) Multicast IPv4 Group specific info
<i>gaddr</i>	(Optional) Multicast IPv4 Group Address
<i>mask</i>	(Optional) Multicast IPv4 Group Address mask
<i>gprefix</i>	(Optional) Multicast IPv4 Group Prefix
source	(Optional) Multicast IPv4 Source specific info
<i>saddr</i>	(Optional) Multicast IPv4 Source Address
<i>smask</i>	(Optional) Multicast IPv4 Source Address mask
<i>sprefix</i>	(Optional) Multicast IPv4 Source Prefix

<i>summary</i>	display route counts
<i>module</i>	(Optional) slot
<i>module</i>	(Optional) slot number
<i>__readonly__</i>	(Optional)
<i>table_type</i>	(Optional) Table Type
<i>vrfname</i>	(Optional) VRF name
<i>num_routes</i>	(Optional) Number of routes
<i>num_starg_routes</i>	(Optional) Number of (*,G) routes
<i>num_sg_routes</i>	(Optional) Number of (S,G) routes
<i>num_gprefix_routes</i>	(Optional) Number of (*,G-prefix) routes
<i>num_prefix_insert_fail</i>	(Optional) Prefix insert fail count
<i>num_groups</i>	(Optional) Number of group entries in the table
<i>num_sources</i>	(Optional) Number of (S, G) entries for the group address
<i>src_len</i>	(Optional) Source Address Mask
<i>grp_len</i>	(Optional) Group address Mask
<i>df_ordinal</i>	(Optional) DF ordinal
<i>rpfif</i>	(Optional) RPF interface
<i>rpf_ifindex</i>	(Optional) RPF Interface ifIndex
<i>flag</i>	(Optional) Route type flag
<i>flag_value</i>	(Optional) hex value of route flag
<i>route_pkts</i>	(Optional) Route packet count
<i>route_bytes</i>	(Optional) Route bytes
<i>oiflist_id</i>	(Optional) OIF list Identifier
<i>platform_id</i>	(Optional) Platform-index
<i>oif_count</i>	(Optional) Number of OIFs
<i>refcount</i>	(Optional) OIF list Reference Count
<i>oifname</i>	(Optional) OIF Interface name
<i>oifindex</i>	(Optional) OIF Interface ifIndex
<i>oif_pkts</i>	(Optional) OIF packets

<i>oif_bytes</i>	(Optional) OIF bytes
------------------	----------------------

Command Mode

- /exec

show forwarding nve l2 ingress-replication-peers

show forwarding nve l2 ingress-replication-peers [<peer_ip>]

Syntax Description

show	show
forwarding	display fib information
nve	nve related info
l2	L2 info
ingress-replication-peers	ingress replication peer info
<i>peer_ip</i>	(Optional) show detailed info of a peer

Command Mode

- /exec

show forwarding nve l3 adjacency tunnel

```
show forwarding nve l3 adjacency tunnel <tunnel_id> [ bd <bd_id> | detail | module <num> | table <table_id> ] [ __readonly__ <tunnel_id> <bd_id> <table_id> <VNI> <Drop> <Refcount> <Origin> <State> <Del> ]
```

Syntax Description

show	
forwarding	display fib information
nve	nve related info
l3	Layer 3
adjacency	Adjacency info
tunnel	VXLAN tunnel
<i>tunnel_id</i>	tunnel_id
bd	(Optional) BD info
<i>bd_id</i>	(Optional) bd id
detail	(Optional) Show detailed information
module	(Optional) Slot/module
<i>num</i>	(Optional) Slot/module number
table	(Optional) Tenant table-id
<i>table_id</i>	(Optional) tenant table-id
<i>__readonly__</i>	(Optional)
<i>tunnel_id</i>	(Optional) tunnel_id
<i>bd_id</i>	(Optional) bd id
<i>table_id</i>	(Optional) tenant table-id
<i>VNI</i>	(Optional) vni
<i>Drop</i>	(Optional) Drop
<i>Refcount</i>	(Optional) Refcount
<i>Origin</i>	(Optional) origin
<i>State</i>	(Optional) state
<i>Del</i>	(Optional) del

Command Mode

- /exec

show forwarding nve l3 ecmp

show forwarding nve l3 ecmp

Syntax Description

show	
forwarding	display fib information
nve	nve related info
l3	Layer 3
ecmp	nve ecmp info

Command Mode

- /exec

show forwarding nve l3 peers

```
show forwarding nve l3 peers [ peers <peer_id> | tunnel <tunnel_id> | detail | module <num> ] + [ __readonly__
<tunnel_id> <peer_id> <peer_address> <interface> <rmac> <origin> <state> <del> <count> ]
```

Syntax Description

show	show
forwarding	display fib information
nve	nve related info
l3	Layer 3
peers	nve peers
<i>peer_id</i>	(Optional) nve peer-id
tunnel	(Optional) VXLAN tunnel
<i>tunnel_id</i>	(Optional) Unique identifier for the tunnel
detail	(Optional) Show detailed information
module	(Optional) Slot/module
<i>num</i>	(Optional) Slot/module number
__readonly__	(Optional)
<i>tunnel_id</i>	(Optional) tunnel_id
<i>peer_id</i>	(Optional) peer_id
<i>peer_address</i>	(Optional) peer_address
<i>interface</i>	(Optional) interface
<i>rmac</i>	(Optional) rmac
<i>origin</i>	(Optional) origin
<i>state</i>	(Optional) state
<i>del</i>	(Optional) del
<i>count</i>	(Optional) count

Command Mode

- /exec

show forwarding otv

```
show forwarding otv <intf> [ peer <peer-id> ] [ module <module> ] [ __readonly__ <vlan> <peer-id>
<peer_vlan_count><tunnel_ifindex><tunnel_ifname> ]
```

Syntax Description

show	
forwarding	fib information
otv	overlay-transport-virtualization
<i>intf</i>	overlay interface
peer	(Optional) overlay peer
<i>peer-id</i>	(Optional) overlay peer-id
module	(Optional) slot
<i>module</i>	(Optional) slot number
<i>__readonly__</i>	(Optional)
<i>vlan</i>	(Optional) Vlan information
<i>peer-id</i>	(Optional) peer-id

Command Mode

- /exec

show forwarding otv ipv6 multicast route

```
show forwarding otv ipv6 multicast route [ vlan <vlan_id> ] [ module <module> ] [ __readonly__ [ <table_type> ] [ <vlan-id> ] [ <replicator> ] [ <num_routes> ] [ <num_starg_routes> ] [ <num_sg_routes> ] [ <num_gprefix_routes> ] [ <num_prefix_insert_fail> ] [ <num_groups> ] [ <num_sources> ] [ { TABLE_otv_mroute [ <src_addr> ] [ <src_len> ] [ <grp_addr> ] [ <grp_len> ] [ <df_ordinal> ] [ <rpfif> ] [ <flag> ] [ <route_pkts> ] [ <route_bytes> ] [ <otv_route_pkts> ] [ <otv_route_bytes> ] [ { TABLE_OIF <oif_count> [ <oiflist_id> ] [ <index> ] [ <refcount> ] [ { TABLE_OIFLIST <oifindex> [ <oif_pkts> ] [ <oif_bytes> ] [ <src_addr> ] [ <src_len> ] [ <oifname> ] [ <vlanid> ] [ <grp_addr> ] [ <grp_len> ] [ <otv_src_addr> ] [ <otv_grp_addr> ] } } ] } ] }
```

Syntax Description

show	show
forwarding	forwarding
otv	over-the-top virtualization
ipv6	ipv6
multicast	Multicast IPv6 information
route	Mcast route information
vlan	(Optional) vlan
<i>vlan_id</i>	(Optional) vlan id
module	(Optional) slot
<i>module</i>	(Optional) slot number
<i>__readonly__</i>	(Optional)
<i>table_type</i>	(Optional) Table Type
<i>vlan-id</i>	(Optional) vlan id
<i>replicator</i>	(Optional) replicator name
<i>num_routes</i>	(Optional) Number of routes
<i>num_starg_routes</i>	(Optional) Number of (*,G) routes
<i>num_sg_routes</i>	(Optional) Number of (S,G) routes
<i>num_gprefix_routes</i>	(Optional) Number of (*,G-prefix) routes
<i>num_prefix_insert_fail</i>	(Optional) Prefix insert fail count
<i>num_groups</i>	(Optional) Number of group entries in the table
<i>num_sources</i>	(Optional) Number of (S, G) entries for the group address

TABLE_otv_mroute	(Optional)
<i>src_addr</i>	(Optional) Ipv6 address string
<i>src_len</i>	(Optional) Source Address Mask
<i>grp_addr</i>	(Optional) Ipv6 address string
<i>grp_len</i>	(Optional) Group address Mask
<i>df_ordinal</i>	(Optional) DF ordinal
<i>rpfif</i>	(Optional) RPF interface
<i>flag</i>	(Optional) Route type flag
<i>route_pkts</i>	(Optional) Route packet count
<i>route_bytes</i>	(Optional) Route bytes
<i>otv_route_pkts</i>	(Optional) OTV Route packet count
<i>otv_route_bytes</i>	(Optional) OTV Route bytes
TABLE_OIF	(Optional)
<i>oif_count</i>	(Optional) Number of OIFs
<i>oiflist_id</i>	(Optional) OIF list Identifier
<i>index</i>	(Optional) outgoing interface list index
<i>refcount</i>	(Optional) reference count
TABLE_OIFLIST	(Optional)
<i>oifindex</i>	(Optional) OIF Interface ifIndex
<i>oif_pkts</i>	(Optional) OIF packets
<i>oif_bytes</i>	(Optional) OIF bytes
<i>src_addr</i>	(Optional) Multicast IPv4 Source Address
<i>src_len</i>	(Optional) Source Address Mask
<i>oifname</i>	(Optional) OIF Interface name
<i>vlanid</i>	(Optional) vlan id of the route
<i>grp_addr</i>	(Optional) Multicast IPv4 Group Address
<i>grp_len</i>	(Optional) Group address Mask
<i>otv_src_addr</i>	(Optional) Multicast IPv4 Source Address
<i>otv_grp_addr</i>	(Optional) Multicast IPv4 Group Address

Command Mode

- /exec

show forwarding otv multicast outgoing-interface-list

```
show forwarding otv multicast outgoing-interface-list [ __readonly__ { TABLE_OIF <index> [ <refcount>
] [ <intf> ] [ { TABLE_OIFLIST <oifindex> [ <src_addr> ] [ <src_len> ] [ <oifname> ] [ <vlanid> ] [
<grp_addr> ] [ <grp_len> ] } } ] ]
```

Syntax Description

show	
forwarding	Forwarding information
otv	over-the-top virtualization
multicast	Multicast IPv4 information
outgoing-interface-list	show outgoing interface list info
<i>__readonly__</i>	(Optional)
TABLE_OIF	(Optional) outgoing interface list table
<i>index</i>	(Optional) outgoing interface list index
<i>refcount</i>	(Optional) reference count
<i>intf</i>	(Optional) interface name
TABLE_OIFLIST	(Optional) outgoing interface list table
<i>oifindex</i>	(Optional) OIF Interface ifIndex
<i>src_addr</i>	(Optional) Multicast IPv4 Source Address
<i>src_len</i>	(Optional) Source Address Mask
<i>oifname</i>	(Optional) OIF Interface name
<i>vlanid</i>	(Optional) vlan id of the route
<i>grp_addr</i>	(Optional) Multicast IPv4 Group Address
<i>grp_len</i>	(Optional) Group address Mask

Command Mode

- /exec

show forwarding otv multicast route

```
show forwarding otv multicast route [ [ vlan <vlan-id> ] ] [ softwarebd <software-bd> ] [ module <module> ] [ __readonly__ <replicator> ]
```

Syntax Description

show	show
forwarding	forwarding
otv	over-the-top virtualization
multicast	Multicast IPv4 information
route	Meast route information
vlan	(Optional) vlan
<i>vlan-id</i>	(Optional) vlan id
softwarebd	(Optional) Software Bridge Domain
<i>software-bd</i>	(Optional) Software bd
module	(Optional) slot
<i>module</i>	(Optional) slot number
__readonly__	(Optional)
<i>replicator</i>	(Optional) replicator name

Command Mode

- /exec

show forwarding otv vlan

```
show forwarding otv vlan [ <vlan_id> ] [ module <module> ] [ __readonly__ <vlan> ]
```

Syntax Description

show	show
forwarding	forwarding
otv	otv
vlan	vlan
<i>vlan_id</i>	(Optional) vlan id
module	(Optional) slot
<i>module</i>	(Optional) slot number
<i>__readonly__</i>	(Optional)
<i>vlan</i>	(Optional) vlan

Command Mode

- /exec

show forwarding pss route

```
show forwarding [ vrf { <vrf-name> | <vrf-known-name> } | table <table_id> ] [ ip | ipv4 ] pss route [ module <module> ]
```

Syntax Description

show	show
forwarding	forwarding
vrf	(Optional) display info per VRF
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
table	(Optional) display info per vpn-id
<i>table_id</i>	(Optional) table number
ip	(Optional) ipv4
ipv4	(Optional) ipv4
pss	display info from pss
route	route
module	(Optional) slot
<i>module</i>	(Optional) slot number

Command Mode

- /exec

show forwarding restart

show forwarding restart [module <module>]

Syntax Description

show	
forwarding	fib information
restart	restart fib
module	(Optional) slot
<i>module</i>	(Optional) slot number

Command Mode

- /exec

show forwarding route

```
show forwarding [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } | table <table_id> ] [ ip | ipv4 ] { route
| rnhdb } [ recursive ] [ summary | detail | platform | partial | <prefix> [ longer-prefixes ] [ detail | platform ]
| <address> [ detail | platform ] |
```

Syntax Description

show	
forwarding	display fib information
vrf	(Optional) display info per VRF
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
table	(Optional) display info per vpn-id
<i>table_id</i>	(Optional) table id in hex
ip	(Optional) ipv4
ipv4	(Optional) ipv4
route	display IP routing table
rnhdb	rnh-db
recursive	(Optional) display routes with recursive next hops
partial	(Optional) display routes with partial ECMPs
summary	(Optional) display route counts
<i>prefix</i>	(Optional) display single exact match route
longer-prefixes	(Optional) display longer prefixes
<i>address</i>	(Optional) display single longest match route
detail	(Optional) show detailed information about the routes
platform	(Optional) one command to show pi and pd info together

Command Mode

- /exec

show forwarding security group-tag

```
show forwarding [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } | table <table_id> | vlan <vlan_id> ] [
ip | ipv4 ] security group-tag [ <addr> ] [ module <num> | vrf { <vrf-name> | <vrf-known-name> | <vrf-all>
} ] + [ __readonly__ <header> <vrfname> <tid> <pfx-count> <ipa> <tag> <tv> <vid> ]
```

Syntax Description

show	
forwarding	display fib information
vrf	(Optional) display info per VRF
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
table	(Optional) display info per vpn-id
<i>table_id</i>	(Optional) table number
vlan	(Optional) vlan
<i>vlan_id</i>	(Optional) vlan number
ip	(Optional) ipv4
ipv4	(Optional) ipv4
security	display IP security information
group-tag	ip_address->security_group_tag
<i>addr</i>	(Optional) specific ip address
module	(Optional) slot
__readonly__	(Optional)
<i>header</i>	(Optional) header string
<i>vrfname</i>	(Optional) VRF name
<i>tid</i>	(Optional) table identifier
<i>num</i>	(Optional) module number
<i>pfx-count</i>	(Optional) total prefix count in VRF
<i>ipa</i>	(Optional) ip address
<i>tag</i>	(Optional) security group tag

<i>tv</i>	(Optional) sgt valid
<i>vid</i>	(Optional) vlan indentifier

Command Mode

- /exec

show forwarding security mac

```
show forwarding [ vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } | table <table_id> ] [ ip | ipv4 ] security
mac [ <addr> ] [ module <module> | vrf { <vrf-name> | <vrf-known-name> | <vrf-all> } ] + [ __readonly__
<header> <vrfname> <tid> <pfx-count> <ipa> <mac> <p> <m> <v> <intf> ]
```

Syntax Description

show	
forwarding	display fib information
vrf	(Optional) display info per VRF
<i>vrf-name</i>	(Optional) VRF name
<i>vrf-known-name</i>	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
table	(Optional) display info per vpn-id
<i>table_id</i>	(Optional) table number
ip	(Optional) ipv4
ipv4	(Optional) ipv4
security	display IP security information
mac	ip_address->mac_address
<i>addr</i>	(Optional) specific ip address
module	(Optional) slot
<i>module</i>	(Optional) slot number
__readonly__	(Optional)
<i>header</i>	(Optional) header string
<i>vrfname</i>	(Optional) VRF name
<i>tid</i>	(Optional) table identifier
<i>pfx-count</i>	(Optional) total prefix count in VRF
<i>ipa</i>	(Optional) ip address
<i>mac</i>	(Optional) mac address
<i>p</i>	(Optional) 1 => ip->port binding
<i>m</i>	(Optional) 1 => ip->mac binding

<i>v</i>	(Optional) 1 => ip->vlan binding
<i>intf</i>	(Optional) ip->port interface

Command Mode

- /exec

show forwarding test on

show forwarding test { on | off } [module <module>]

Syntax Description

show	
forwarding	fib information
test	show test variable
on	set variable
off	reset variable
module	(Optional) slot
<i>module</i>	(Optional) slot number

Command Mode

- /exec

show forwarding trace

show forwarding trace [clear] [module <module>] [__readonly__ <op>]

Syntax Description

show	
forwarding	display fib information
trace	display trace buffer
clear	(Optional) clear the trace buffer
module	(Optional) slot
<i>module</i>	(Optional) slot number
__readonly__	(Optional)
<i>op</i>	(Optional) output

Command Mode

- /exec

show forwarding trace profile

show forwarding trace profile

Syntax Description

show	
forwarding	display fib information
trace	display trace buffer
profile	show the collection profiling information

Command Mode

- /exec

show forwarding trace profile funcstats

show forwarding trace profile funcstats [enable | disable] [module <module>] [__readonly__ <op>]

Syntax Description

show	
forwarding	display fib information
trace	display trace buffer
profile	show the collection profiling information
funcstats	function statistics
enable	(Optional) enable function statistics
disable	(Optional) disable function statistics
module	(Optional) slot
<i>module</i>	(Optional) slot number
__readonly__	(Optional)
<i>op</i>	(Optional) output

Command Mode

- /exec

show forwarding trace profile funcstats