F Show Commands

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
vrf-name	(Optional) VRF name
peer-id	(Optional) management ip address of peer
peer-ip-address	(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
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
peer-id	(Optional) management ip address of peer
peer-ip-address	(Optional) IP address in CIDR format
detail	(Optional) Show detailed information
__readonly__	(Optional) Read Only
TABLE_database_dci	(Optional) table show fabric database dci
vrf_name	(Optional)
state	(Optional)
flags	(Optional)
profile	(Optional)
instance	(Optional)
TABLE_database_dci_detail	(Optional) detail for table show fabric database dci
request_time	(Optional)
request_profile	(Optional)
got_profile	(Optional)
sent_to_ppm	(Optional)
profile_apply	(Optional)

del_to_ppm	(Optional)

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
vni-id	(Optional)
dot1q	(Optional) Dot1Q Encapsulation
vlan-id	(Optional)
internal	(Optional) Internal command
__readonly__	(Optional) Read Only
TABLE_database_host	(Optional) table show fabric database host {dot1q | vni}
trigger_source	(Optional) TODO
client_type	(Optional) TODO

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

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

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

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> <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
vni-id	(Optional)
dot1q	(Optional) Dot1Q Encapsulation
vlan-id	(Optional)
__readonly__	(Optional) Read Only
TABLE_database_host	(Optional) table show fabric database host {dot1q | vni}
trigger_source	(Optional) TODO
client_type	(Optional) TODO

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

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

flag	(Optional) TODO
profile_name	(Optional) TODO
instance_name	(Optional) TODO
packet_arrival_time	(Optional) TODO
request_profile_time	(Optional) TODO
got_profile_time	(Optional) TODO
sent_to_PPM_time	(Optional) TODO
profile_apply_time	(Optional) TODO
del_to_PPM_time	(Optional) TODO
TABLE_database_host_detail	(Optional) table show fabric database host detail
interface	(Optional) TODO
encap	(Optional) TODO
flags	(Optional) TODO
state	(Optional) TODO
vsi_id	(Optional) TODO
TABLE_extranet_vrf_entries	(Optional) table extranet VRF entries
vrf	(Optional) TODO
l3_vni	(Optional) TODO
state	(Optional) TODO
profile	(Optional) TODO
instance	(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>] [<vnseg_bd_down_notif>] [<no_mac_on_bd_notif>] [<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
__readonly__	(Optional) Read Only
TABLE_database_host_statistics	(Optional) table show fabric database host statistics
data_snoop_triggers	(Optional) TODO
data_snoop_deletes	(Optional) TODO
vdp_association_requests	(Optional) TODO
vdp_deassociation_requests	(Optional) TODO
vdp_association_responses	(Optional) TODO
vdp_error_responses	(Optional) TODO
unsupported_interfaces	(Optional) TODO
no_profile_map_errors	(Optional) TODO
outstanding_delete_retry_add	(Optional) TODO

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

profile_unapply_success	(Optional) TODO
profile_apply_failure	(Optional) TODO
profile_commands	(Optional) TODO
profile_error_incomplete_configs	(Optional) TODO
profile_api_error	(Optional) TODO
profile_unapply_sent	(Optional) TODO
profile_top_queue_adds	(Optional) TODO
profile_high_queue_adds	(Optional) TODO
profile_low_queue_adds	(Optional) TODO
profile_unapply_failure	(Optional) TODO
outstanding_vlan_requests	(Optional) TODO
outstanding_adbm_requests	(Optional) TODO
outstanding_profile_applies	(Optional) TODO
outstanding_vpc_profile_applies	(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
__readonly__	(Optional) Read Only
TABLE_database_host_statistics	(Optional) table show fabric database host statistics
data_snoop_triggers	(Optional) TODO
data_snoop_deletes	(Optional) TODO
vdp_association_requests	(Optional) TODO
vdp_deassociation_requests	(Optional) TODO
vdp_association_responses	(Optional) TODO
vdp_error_responses	(Optional) TODO
unsupported_interfaces	(Optional) TODO
no_profile_map_errors	(Optional) TODO
outstanding_delete_retry_add	(Optional) TODO

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

profile_commands	(Optional) TODO
profile_error_incomplete_configs	(Optional) TODO
profile_api_error	(Optional) TODO
profile_unapply_sent	(Optional) TODO
profile_top_queue_adds	(Optional) TODO
profile_high_queue_adds	(Optional) TODO
profile_low_queue_adds	(Optional) TODO
profile_unapply_failure	(Optional) TODO
outstanding_vlan_requests	(Optional) TODO
outstanding_adbm_requests	(Optional) TODO
outstanding_profile_applies	(Optional) TODO
outstanding_vpc_profile_applies	(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
__readonly__	(Optional) Read Only
TABLE_database_host_summary	(Optional) table show fabric database host summary
number_of_instances_applied	(Optional) TODO
number_of_vdp_hosts	(Optional) TODO
recovery_timeout_minute	(Optional) TODO
cleanup_timeout_minute	(Optional) TODO
vdp_add_suppression_timeout_minute	(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
__readonly__	(Optional) Read Only
TABLE_database_host_summary	(Optional) table show fabric database host summary
number_of_instances_applied	(Optional) TODO
number_of_vdp_hosts	(Optional) TODO
recovery_timeout_minute	(Optional) TODO
cleanup_timeout_minute	(Optional) TODO
vdp_add_suppression_timeout_minute	(Optional) TODO
mac_aging_timeout_minute	(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)
id	(Optional) Profile Map ID
interface	(Optional) Specified interface to display
interface-id	(Optional) Name of interface
__readonly__	(Optional) Read Only
TABLE_database_profile_map	(Optional) table show fabric database profile-map
map	(Optional) TODO
proto	(Optional) TODO
vni	(Optional) TODO
dot1q	(Optional) TODO
flags	(Optional) TODO
profile_name	(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)
id	(Optional) Profile Map ID
interface	(Optional) Specified interface to display
interface-id	(Optional) Name of interface
__readonly__	(Optional) Read Only
TABLE_database_profile_map	(Optional) table show fabric database profile-map
map	(Optional) TODO
proto	(Optional) TODO
vni	(Optional) TODO
dot1q	(Optional) TODO
flags	(Optional) TODO
profile_name	(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
dbtype	(Optional) type of database
requests	(Optional) number of requests
dispatched	(Optional) number dispatched
not_dispatched	(Optional) number not dispatched
re_dispatched	(Optional) number re-dispatched
TABLE_dbs	(Optional) per-database stats
is_active	(Optional) active/inactive
type	(Optional) database type
prot	(Optional) database protocol
serverdb	(Optional) server database
reqs	(Optional) requests
ok	(Optional) OK

nores	(Optional) nores
err	(Optional) err
tmout	(Optional) tmout
pend	(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
vrf-name	(Optional) VRF name
vrf-known-name	(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
vrf	(Optional) TODO
vrf_id	(Optional) TODO
vrf_state	(Optional) TODO
vrf_reason	(Optional) TODO
vni_id	(Optional) TODO
refcount	(Optional) TODO
conversational_learning	(Optional) TODO
TABLE_limit_type	(Optional) table for limit type
limit_type	(Optional) TODO
enable	(Optional) TODO
threshold	(Optional) TODO
action	(Optional) TODO

TABLE_ipv4	(Optional) Information for address family IPv4
address_family	(Optional) TODO
vrf	(Optional) TODO
table_id	(Optional) TODO
table_state	(Optional) TODO
refcount	(Optional) TODO
local_hosts	(Optional) TODO
remote_hosts	(Optional) TODO
aggregates	(Optional) TODO
TABLE_aggregate_list	(Optional) table for aggregate subnet prefix list
aggregate_subnet_prefix_list	(Optional) TODO
TABLE_ipv6	(Optional) Information for address family IPv6
address_family	(Optional) TODO
vrf	(Optional) TODO
table_id	(Optional) TODO
table_state	(Optional) TODO
refcount	(Optional) TODO
local_hosts	(Optional) TODO
remote_hosts	(Optional) TODO
aggregates	(Optional) TODO
TABLE_aggregate_list	(Optional) table for aggregate subnet prefix list
aggregate_subnet_prefix_list	(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
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
ip-prefix	(Optional) IP prefix in CIDR format
__readonly__	(Optional) Read Only
TABLE_forwarding_ip_local_host_db_vrf	(Optional) table show fabric forwarding ip local-host-db vrf
hmm_host	(Optional) TODO
vrf	(Optional) TODO
status_in	(Optional) TODO
TABLE_hosts	(Optional) table show information for each hosts
host	(Optional) TODO
mac_address	(Optional) TODO
svi	(Optional) TODO
flags_0x	(Optional) TODO

physical_interface	(Optional) TODO
status	(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
hmm_host	(Optional) TODO
vrf	(Optional) TODO
status_in	(Optional) TODO
TABLE_hosts	(Optional) table show information for each hosts
host	(Optional) TODO
source	(Optional) TODO
active	(Optional) TODO
flags_0x	(Optional) TODO
status	(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
hmm_host	(Optional) TODO
vrf	(Optional) TODO
status_in	(Optional) TODO
TABLE_hosts	(Optional) table show information for each hosts
host	(Optional) TODO
type	(Optional) TODO
flags_0x	(Optional) TODO
status	(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
vrf-name	(Optional) VRF name
vrf-known-name	(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
hmm_host	(Optional) TODO
vrf	(Optional) TODO
status_in	(Optional) TODO
TABLE_hosts	(Optional) table show information for each hosts
host	(Optional) TODO
mac_address	(Optional) TODO
svi	(Optional) TODO
flags_0x	(Optional) TODO
physical_interface	(Optional) TODO

status	(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
hmm_host	(Optional) TODO
vrf	(Optional) TODO
status_in	(Optional) TODO
TABLE_hosts	(Optional) table show information for each hosts
host	(Optional) TODO
source	(Optional) TODO
active	(Optional) TODO
flags_0x	(Optional) TODO
status	(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
hmm_host	(Optional) TODO
vrf	(Optional) TODO
status_in	(Optional) TODO
TABLE_hosts	(Optional) table show information for each hosts
host	(Optional) TODO
type	(Optional) TODO
flags_0x	(Optional) TODO
status	(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_limite_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
ip-prefix	(Optional) IP prefix in CIDR format
max-conversation-limit	Number of active conversations
port-limit	Number of active conversations from a physical port
port	(Optional) Interface name
vrf	(Optional) Display per-VRF information
vrf-name	(Optional) VRF name
vrf-known-name	(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
vrf	(Optional) TODO
limit_type	(Optional) TODO
enable	(Optional) TODO
threshold	(Optional) TODO

action	(Optional) TODO
TABLE_limit_type_src	(Optional) source-limit
hmm_conv_learning_stats_for_address_family	(Optional) TODO
source	(Optional) TODO
in_add_q	(Optional) TODO
in_rib	(Optional) TODO
hit_threshold	(Optional) TODO
TABLE_limite_type_total	(Optional) max-conversation-limit
type	(Optional) TODO
ipv4_r/p	(Optional) TODO
ipv6_r/p	(Optional) TODO
total	(Optional) TODO
hit_threshold	(Optional) TODO
TABLE_limit_type_port	(Optional) port-limit
port	(Optional) TODO
ipv4_r/p	(Optional) TODO
ipv6_r/p	(Optional) TODO
total	(Optional) TODO
hit_threshold	(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
__readonly__	(Optional) Read Only
no_ports_up_str	(Optional) No ports coming up
no_swid_conflict_str	(Optional) No switch-id conflicts
no_ftag_conflict_str	(Optional) No Ftag Conflicts
no_trans_str	(Optional) No Transitions
conflict_info_flag	(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
ports-hdr	(Optional) Ports table start
swid-hdr	(Optional) Switch-id conflict table start
ftag-hdr	(Optional) Ftag conflict Table start
trans-hdr	(Optional) Transitions table start
if_index	(Optional) Interface

reason	(Optional) port down reason
switch-id	(Optional) Switch-id Value
system-id	(Optional) System ID
static	(Optional) Static or Dynamic switch-id
ftag-id	(Optional) Ftag value
topology	(Optional) Topology
tree-id	(Optional) Tree or graph ID
old_swid	(Optional) Old switch-id
new_swid	(Optional) New switch-id
system-id	(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
module	(Optional) Module number
__readonly__	(Optional) Read Only
mod_bmp	(Optional) Bitmap of valid modules
vdc_id	(Optional) Current VDC id
msg	(Optional) Message to give details about command execution
is_brief	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
protocol	(Optional) Display IS-IS process information
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
TABLE_afi_safi	(Optional)
afi-safi-out	(Optional)
system-id-out	(Optional)
is-type-out	(Optional)
fab-ctl-out	(Optional)
sap-out	(Optional)
mtu-out	(Optional)
qh-out	(Optional)
gr-t3-timer-out	(Optional)
gr-status-out	(Optional)
gr-state-out	(Optional)
last-gr-status-out	(Optional)
metric-send-out	(Optional)
metric-accept-out	(Optional)

area-addr-out	(Optional)
proc-state-out	(Optional)
vrf-id-out	(Optional)
te-lvl-out	(Optional)
te-ted-out	(Optional)
mpls-te-out	(Optional)
TABLE_intf	(Optional)
intf-name-out	(Optional)
intf-num-out	(Optional)
auth-out	(Optional)
auth-chk-out	(Optional)
auth-kchain-out	(Optional)
adj-check-out	(Optional)
redist-pib-out	(Optional)
redist-rpm-out	(Optional)
dist-src-lvl-out	(Optional)
dist-dest-lvl-out	(Optional)
dist-leak-all-out	(Optional)
dist-rpm-out	(Optional)
admin-dist-out	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
adjacency	Display IS-IS adjacency information
topology	(Optional) Display IS-IS Topology information
topo-id	(Optional) Specific topology information
interface	(Optional) IS-IS interface
system-id	(Optional) Hostname or System ID
sid	(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)
process-tag-out	(Optional)
adj-summary-out	(Optional)
adj-interface-out	(Optional)
adj-interface-name-out	(Optional)
TABLE_sys_name	(Optional)

adj-sys-name-out	(Optional)
adj-sys-id-out	(Optional)
adj-usage-out	(Optional)
adj-level-out	(Optional)
adj-state-out	(Optional)
adj-hold-time-out	(Optional)
adj-intf-name-out	(Optional)
adj-detail-set-out	(Optional)
adj-transitions-out	(Optional)
adj-flap-out	(Optional)
adj-flap-time-out	(Optional)
adj-ckt-type-out	(Optional)
adj-bcast-out	(Optional)
adj-ckt-id-out	(Optional)
adj-lan-prio-out	(Optional)
adj-resurrect-out	(Optional)
adj-resurrect-count-out	(Optional)
adj-resurrect-hwm-out	(Optional)
TABLE_mt_id	(Optional)
adj-topoid-out	(Optional)
adj-dataup-out	(Optional)
TABLE_adj_summ	(Optional)
adj-summ-p2p-level-out	(Optional)
adj-summ-p2p-state-out	(Optional)
adj-summ-p2p-count-out	(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-extipv6-addr-out> <dbase-lsp-extipv6-prefix-len-out> <dbase-lsp-extipv6-metric-out> <dbase-lsp-extipv6-up-down-out> <dbase-lsp-extipv6-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
l2mp-isis-tag	(Optional) Fabricpath domain tag
database	Display IS-IS database information
level	(Optional) IS-IS level
mgroup	(Optional) Display IS-IS GM database information
lid	(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
adj-id	(Optional) Single exact match adjacency filter

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

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

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

Command Mode

- /exec

show fabricpath isis ftag

show fabricpath isis [<l2mp-isis-tag>] [topology <topo-id>] ftag [multidestination <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
l2mp-isis-tag	(Optional) Fabricpath domain tag
topology	(Optional) Display IS-IS Topology information
topo-id	(Optional) Specific topology information
ftag	Display forwarding tag information
multidestination	(Optional) Display multidestination information
tree-id	(Optional) Specific tree identifier
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
TABLE_topo_id	(Optional)
ftag-topo-id-out	(Optional)
TABLE_graph_type	(Optional)
ftag-graph-type-out	(Optional)
ftag-graph-id-out	(Optional)
ftag-primary-out	(Optional)
ftag-primary-tentative-out	(Optional)
ftag-secondary-out	(Optional)
ftag-secondary-tentative-out	(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
l2mp-isis-tag	(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)
process-tag-out	(Optional)
hname-enabled-out	(Optional)
hname-detail-out	(Optional)
TABLE_hname_id	(Optional)
hname-id-out	(Optional)
hname-level-out	(Optional)
hname-id-mine-out	(Optional)
hname-name-out	(Optional)
hname-swid-id-out	(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-cktid-out> <intf-bcast-lvl-cktid-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
l2mp-isis-tag	(Optional) Fabricpath domain tag
brief	(Optional) Brief display of IS-IS interfaces
interface	Display IS-IS interface information
interface	(Optional) IS-IS interface
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
intf-name-out	(Optional)
intf-status-out	(Optional)
intf-mtu-out	(Optional)
intf-state-out	(Optional)
intf-auth-info-out	(Optional)
intf-auth-chk-info-out	(Optional)

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

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

intf-type-out	(Optional)
intf-ready-state-out	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
ip	Display IS-IS IPv4 information
mroute	Display IS-IS multicast group information
vlan	(Optional) Display IS-IS VLAN information
vlan-id	(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
gip-addr	(Optional) Display single IP redistribute route
sip-addr	(Optional) Display single IP redistribute route
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
mroute-ipv4-vlanid-out	(Optional)
mroute-ipv4-source-addr-out	(Optional)
mroute-ipv4-group-addr-out	(Optional)
mroute-ipv4-type-out	(Optional)
mroute-ipv4-oif-count-out	(Optional)
mroute-ipv4-swid-hex-out	(Optional)

mroute-ipv4-swid-out	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
redistribute	Display IS-IS redistribute information
mroute	Display IS-IS multicast group information
vlan	(Optional) Display IS-IS VLAN information
vlan-id	(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
gip-addr	(Optional) Display single IP redistribute route
sip-addr	(Optional) Display single IP redistribute route
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
redist-ipv4-mrouter-vlanid-out	(Optional)
redist-ipv4-vlanid-out	(Optional)
redist-ipv4-source-addr-out	(Optional)
redist-ipv4-group-addr-out	(Optional)

Command Mode

- /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
l2mp-isis-tag	(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
ip-addr	(Optional) Display single IP redistribute route
ip-prefix	(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
l2mp-isis-tag	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
route	Display ISIS redistribute route
ip	Display IS-IS IPv4 information
ipv6	Display IS-IS IPv6 information
ip-addr	(Optional) Display single IP redistribute route
ip-prefix	(Optional) Display single exact match IP redistribute route
longer-prefixes	(Optional) Display exact match and more specific routes
summary	(Optional) Display route counts
l2mp-isis-tag	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
ipv6	Display IS-IS IPv6 information
mroute	Display IS-IS multicast group information
vlan	(Optional) Display IS-IS VLAN information
vlan-id	(Optional) Display IS-IS VLAN information
group	(Optional) Display IS-IS Group information
source	(Optional) Display IS-IS Source information
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
mroute-ipv6-vlanid-out	(Optional)
mroute-ipv6-source-addr-out	(Optional)
mroute-ipv6-group-addr-out	(Optional)
mroute-ipv6-oif-count-out	(Optional)
mroute-ipv6-swid-hex-out	(Optional)
mroute-ipv6-swid-out	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
redistribute	Display IS-IS redistribute information
mroute	Display IS-IS multicast group information
vlan	(Optional) Display IS-IS VLAN information
vlan-id	(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
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
redist-ipv6-mrouter-vlanid-out	(Optional)
redist-ipv6-vlanid-out	(Optional)
redist-ipv6-source-addr-out	(Optional)
redist-ipv6-group-addr-out	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
mac	Display IS-IS MAC information
mroute	Display IS-IS multicast group information
vlan	(Optional) Display IS-IS VLAN information
vlan-id	(Optional) Display IS-IS VLAN information
group	(Optional) Display IS-IS Group information
source	(Optional) Display IS-IS Source information
gmac-addr	(Optional) Display single MAC redistribute route
smac-addr	(Optional) Display single MAC redistribute route
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
mroute-mac-vlanid-out	(Optional)
mroute-mac-source-addr-out	(Optional)
mroute-mac-group-addr-out	(Optional)
mroute-mac-oif-count-out	(Optional)
mroute-mac-swid-hex-out	(Optional)
mroute-mac-swid-out	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
redistribute	Display IS-IS redistribute information
mroute	Display IS-IS multicast group information
vlan	(Optional) Display IS-IS VLAN information
vlan-id	(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
gmac-addr	(Optional) Display single MAC redistribute route
smac-addr	(Optional) Display single MAC redistribute route
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
redist-mac-mrouter-vlanid-out	(Optional)
redist-mac-vlanid-out	(Optional)
redist-mac-source-addr-out	(Optional)
redist-mac-group-addr-out	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
mesh-group	Display IS-IS mesh-groups
mesh-id	(Optional) Display a single mesh-group
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
mesh-id-set-out	(Optional)
mesh-id-out	(Optional)
mesh-set-id-out	(Optional)
mesh-id-intf-name-out	(Optional)
mesh-id-none-out	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
topology	(Optional) Display IS-IS Topology information
topo-id	(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
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
TABLE_mt_id	(Optional)
route-topoid-out	(Optional)
TABLE_graph_id	(Optional)

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

route-sum-prefix-len-out	(Optional)
route-total-out	(Optional)
route-paths-total-out	(Optional)
route-paths-best-out	(Optional)
route-paths-backup-out	(Optional)
route-sum-lvl-out	(Optional)
route-sum-total-out	(Optional)
route-sum-direct-out	(Optional)
route-sum-normal-out	(Optional)
route-sum-missing-out	(Optional)
route-best-pend-num-out	(Optional)
route-bestpaths-out	(Optional)
route-backuppaths-out	(Optional)
route-path-sum-lvl-out	(Optional)
route-path-sum-total-out	(Optional)
route-path-sum-direct-out	(Optional)
route-path-sum-normal-out	(Optional)
route-bestroutes-per-mask-out	(Optional)
route-best-mask-val-out	(Optional)
route-best-mask-count-out	(Optional)
route-pend-q-count-out	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
rrm	Display IS-IS Retransmit-Routing-Message information
gm	(Optional) Display IS-IS GM Retransmit-Routing-Message information
interface	IS-IS interface
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
rrm-if-out	(Optional)
rrm-if-p2p-out	(Optional)
rrm-level-out	(Optional)
rrm-retx-interval-out	(Optional)
rrm-retx-throttle-out	(Optional)
rrm-retx-queue-len-out	(Optional)
rrm-next-retx-out	(Optional)
rrm-retx-queue-hwm-out	(Optional)
rrm-queue-exceed-out	(Optional)
rrm-if-lsp-out	(Optional)
rrm-lsp-name-out	(Optional)
rrm-lsp-status-out	(Optional)

rrm-lsp-absent-out	(Optional)
rrm-lsp-seqnum-out	(Optional)
rrm-lsp-cksum-out	(Optional)
rrm-lsp-lifetime-out	(Optional)
rrm-lsp-attached-out	(Optional)
rrm-lsp-partition-out	(Optional)
rrm-lsp-overload-out	(Optional)
rrm-lsp-istype-out	(Optional)
rrm-last-sent-time-out	(Optional)
rrm-invalid-retx-out	(Optional)
rrm-invalid-db-out	(Optional)
rrm-set-out	(Optional)
rrm-srm-set-out	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
spf-log	Display IS-IS SPF information
detail	(Optional) Display detail ISIS SPF information
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
spflog-calc-out	(Optional)
spflog-size-out	(Optional)
spflog-maxsize-out	(Optional)
TABLE_spflog_entry	(Optional)
spflog-entry-num-out	(Optional)
spflog-ago-time-out	(Optional)
spflog-lvl-out	(Optional)
spflog-reason-out	(Optional)
spflog-count-out	(Optional)
spflog-elapsed-ts-out	(Optional)
TABLE_spflog_detail	(Optional)
spflog-log-num-out	(Optional)

spflog-ts-detail-out	(Optional)
spflog-date-detail-out	(Optional)
spflog-lvl-detail-out	(Optional)
spflog-instance-detail-out	(Optional)
spflog-init-ts-detail-out	(Optional)
spflog-spf-ts-detail-out	(Optional)
spflog-detail-ts-is-out	(Optional)
spflog-detail-ts-urib-out	(Optional)
spflog-detail-ts-elapsed-out	(Optional)
spflog-detail-lvl-out	(Optional)
spflog-detail-node-out	(Optional)
spflog-detail-spf-cnt-out	(Optional)
spflog-detail-sync-cnt-out	(Optional)
spflog-detail-spf-reason-out	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
srm	Display IS-IS Send-Routing-Message information
gm	(Optional) Display IS-IS GM-Send-Routing-Message information
interface	IS-IS interface
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
srm-if-out	(Optional)
srm-level-out	(Optional)
srm-if-flood-out	(Optional)
srm-if-stopped-out	(Optional)
srm-lsp-interval-out	(Optional)
srm-next-lsp-out	(Optional)
TABLE_srm_lsp	(Optional)
srm-lsp-name-out	(Optional)
srm-lsp-status-out	(Optional)
srm-lsp-absent-out	(Optional)
srm-lsp-seqnum-out	(Optional)
srm-lsp-cksum-out	(Optional)

srm-lsp-lifetime-out	(Optional)
srm-lsp-attached-out	(Optional)
srm-lsp-partition-out	(Optional)
srm-lsp-overload-out	(Optional)
srm-lsp-istype-out	(Optional)
srm-txlist-status	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
ssn	Display IS-IS Send-Sequence-Number information
gm	(Optional) Display IS-IS GM-Send-Sequence-Number information
interface	IS-IS interface
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
ssn-if-out	(Optional)
ssn-level-out	(Optional)
ssn-psnp-capable-out	(Optional)
ssn-next-psnp-out	(Optional)
ssn-lsp-name-out	(Optional)
ssn-lsp-status-out	(Optional)
ssn-lsp-absent-out	(Optional)
ssn-lsp-seqnum-out	(Optional)
ssn-lsp-cksum-out	(Optional)
ssn-lsp-lifetime-out	(Optional)
ssn-lsp-attached-out	(Optional)
ssn-lsp-partition-out	(Optional)
ssn-lsp-overload-out	(Optional)

ssn-lsp-istype-out	(Optional)
ssn-txlist-status-out	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
statistics	Display IS-IS protocol statistics
free	(Optional) Show free buffers
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
stat-spf-calc-out	(Optional)
stat-lsp-sourced-out	(Optional)
stat-lsp-refresh-out	(Optional)
stat-lsp-purge-out	(Optional)
stat-dis-elections-out	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
topology	(Optional) Display IS-IS Topology information
topo-id	(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)
process-tag-out	(Optional)
TABLE_mt_id	(Optional)
swid-topoid-out	(Optional)
TABLE_sys_id	(Optional)
swid-sysid-out	(Optional)
swid-sysid-own-out	(Optional)
swid-primary-out	(Optional)
swid-primary-tentative-out	(Optional)
swid-secondary-out	(Optional)
swid-secondary-tentative-out	(Optional)
swid-topo-reachable-out	(Optional)
swid-priority-out	(Optional)

swid-es-out	(Optional)
swid-sticky-out	(Optional)
swid-hostname-out	(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-supp-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
l2mp-isis-tag	(Optional) Fabricpath domain tag
topology	Display IS-IS Topology information
topo-id	(Optional) Specific topology information
summary	(Optional) Display summary topology information
view	(Optional) Display global connectivity information
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
TABLE_topology	(Optional)
topo-id-out	(Optional)
topo-block-absent-out	(Optional)
TABLE_if_name	(Optional)
topo-if-name-out	(Optional)
topo-ce-gateway-out	(Optional)
topo-fcoe-capable-out	(Optional)
topo-graphs-count-out	(Optional)
topo-supp-graphs-count-out	(Optional)
TABLE_graph_id	(Optional)
topo-graph-id-out	(Optional)

topo-ftag-out	(Optional)
topo-root-sys-out	(Optional)
topo-ftag-out-inactive	(Optional)
topo-source-system-name-out	(Optional)
topo-dest-system-name-out	(Optional)
topo-neighbor-count-out	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
traffic	Display IS-IS traffic information
interface	(Optional) IS-IS interface
mbuf-priority	(Optional) Display mbuf priorities for received PDUs
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
traffic-if-out	(Optional)
traffic-if-name-out	(Optional)
traffic-p2p-iih-out	(Optional)
traffic-p2p-iih-rcv-out	(Optional)
traffic-p2p-iih-xmit-out	(Optional)
traffic-p2p-iih-rcv-auth-err-out	(Optional)
traffic-p2p-iih-rcv-err-out	(Optional)
traffic-p2p-iih-rexmit-out	(Optional)
traffic-csnp-out	(Optional)

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

Command Mode

- /exec

show fabricpath isis trees

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

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

graph-paths-total-out	(Optional)
graph-paths-best-out	(Optional)
graph-paths-backup-out	(Optional)
graph-sum-lvl-out	(Optional)
graph-sum-total-out	(Optional)
graph-sum-direct-out	(Optional)
graph-sum-normal-out	(Optional)
graph-sum-missing-out	(Optional)
graph-best-pend-num-out	(Optional)
graph-bestpaths-out	(Optional)
graph-backuppaths-out	(Optional)
graph-bestroutes-per-mask-out	(Optional)
graph-best-mask-val-out	(Optional)
graph-best-mask-count-out	(Optional)
graph-pend-q-count-out	(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
l2mp-isis-tag	(Optional) Fabricpath domain tag
topology	(Optional) Display IS-IS Topology information
topo-id	(Optional) Specific topology information
vlan-range	Displays vlans in the topology
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag	(Optional)
TABLE_topology	(Optional)
topo-id	(Optional)
vlan-id	(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
__readonly__	(Optional) Read Only
is_mcast	(Optional) Is mcast config
algo	(Optional) Hash type used
pref	(Optional) Layer preference
rotate_amount	(Optional) Rotate ammount
use_vlan	(Optional) Use VLAN in hash
xor_warn	(Optional) XOR Warning

Command Mode

- /exec

showfabricpathload-balancemulticastftag-selectedflow-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 infomation
ftag-selected	ftag information
module	Ingress module at Fabricpath edge
mod-no	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
dst-mac	Mac Address
src-mac	Source MAC Address
src-mac	Mac Address
vlan	Virtual LAN
vlan	VLAN id
ether-type	Ether Type
ether-type	Ether Type id
dst-ip	Destination IPv4 address
dst-ip	Destination IP address in format i.i.i.i
src-ip	Source IPv4 address

src-ip	Source IP address in format i.i.i.i
dst-ipv6	Destination IPv6 address
src-ipv6	Source IPv6 address
l4-src-port	Source L4 port
l4-src-port	L4 port number
l4-dst-port	Destination l4 port
l4-dst-port	L4 port number
__readonly__	(Optional) Read Only
cmd_string	(Optional) Command String
is_dce_module	(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
mod-no	module number
ftag	ftag
ftag	ftag
switchid	switchid
swid	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
src-mac	Mac Address
dst-mac	Destination MAC Address
dst-mac	Mac Address
vlan	(Optional) Virtual LAN
vlan	(Optional) VLAN id

ether-type	Ether Type
ether-type	Ether Type id
src-ip	Source IPv4 address
src-ip	Source IP address in format i.i.i.i
dst-ip	Destination IPv4 address
dst-ip	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
l4-src-port	L4 port number
l4-dst-port	Destination l4 port
l4-dst-port	L4 port number
__readonly__	(Optional) Read Only
cmd_string	(Optional) Command String
is_dce_module	(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 swich-id
__readonly__	(Optional) Read Only
swid_value	(Optional) Switch Id
system_id_value	(Optional) System Id
error_message	(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
system-id	(Optional) Mac Address
system-id-ftag	(Optional) MAC Address
swid-value	(Optional) Switch ID
ftag-value	(Optional) FTAG ID
swid-flags	(Optional) switch-id flags
ftag-flags	(Optional) switch-id flags
tree-id	(Optional) tree-id
topology-id	(Optional) topology-id
swid-state	(Optional) Switch-id state
ftag-state	(Optional) Ftag state
static	(Optional) Static Switch-id
emulated	(Optional) Emulated Switch-id
localswid	(Optional) Local Switch-id
swid-hdr	(Optional) Switch-id Header
ftag-hdr	(Optional) Ftag Header
no_value_str	(Optional) no value passed
no_switch-ids	(Optional) Number of switch-ids

local_swid_present	(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
system-id	MAC Address
__readonly__	(Optional) Read Only
switch_id	(Optional) Switch-ID
state	(Optional) Status of Switch-id
no_value_str	(Optional) no value passed

Command Mode

- /exec

show fabricpath timers

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

Syntax Description

fabricpath	fabricpath information
timers	fabricpath Timers
__readonly__	(Optional) Read Only
allocate_delay	(Optional) Allocation delay timer
transition_delay	(Optional) Transition delay timer
linkup_delay	(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
topology-id	Topology-id
__readonly__	(Optional) Read Only
ftag	(Optional) ftag
tree_id	(Optional) tree-id
no_value_str	(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)
name	(Optional)
id	(Optional)
state	(Optional)
reason	(Optional)
pend	(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
tpg-id	(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)
tpg_name	(Optional)
tpg_id	(Optional)
graph_id	(Optional)
ftag_id	(Optional)
unicast	(Optional)
multicast	(Optional)
active	(Optional)
tpg_index-in	(Optional) topology index

tpg_index-out	(Optional) topology index
tree_id-in	(Optional) tree index
tree_id-out	(Optional) tree index
cfptTopologyTreeFtag	(Optional) ftag
cfptTopologyTreeState	(Optional) state
cfptTopologyTreeType	(Optional) row status
tpg_index-in	(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
tpg-id	(Optional) Fabricpath Topology ID 0-63
interface	Display interface topology information
interface	(Optional) Display interface topology information
all	(Optional) Display all DCE and non-DCE interfaces
__readonly__	(Optional)
TABLE_tpg_if	(Optional)
if_name	(Optional)
tpg_name	(Optional)
tpg_id	(Optional)
tpg_if_state	(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
interface	(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)
if_name	(Optional)
tpg_name	(Optional)
tpg_id	(Optional)
vlan_range	(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
tpg-id	(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)
tpg_name	(Optional)
tpg_id	(Optional)
vlan_range	(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
name	(Optional) feature-set name
id	(Optional) feature-set id
__readonly__	(Optional)
TABLE_cfcFeatureSetTable	(Optional) feature-set table
cfcFeatureSetIndex	(Optional) feature-set table index
cfcFeatureSetName	(Optional) feature-set name
cfcFeatureSetAction	(Optional) action
cfcFeatureSetLastAction	(Optional) last action
cfcFeatureSetLastActionResult	(Optional) last action result
cfcFeatureSetLastFailureReason	(Optional) last failure reason
cfcFeatureSetOpStatus	(Optional) operation status
cfcFeatureSetOpStatusReason	(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
__readonly__	(Optional)
TABLE_services	(Optional) all service names in feature set
service_name	(Optional) name of the service
count	(Optional) number of services in the feature set
feature_set	(Optional) feature set name
s0	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
cfcFeatureCtrlIndex2	(Optional) feature table index
cfcFeatureCtrlInstanceNum2	(Optional) instance number
cfcFeatureCtrlName2	(Optional) feature name
cfcFeatureCtrlAction2	(Optional) Action to be triggered for the feature
cfcFeatureCtrlLastAction2	(Optional) Last action triggered for the feature
cfcFeatureCtrlLastActionResult2	(Optional) The result of execution of the last action
cfcFeatureCtrlLastFailureReason2	(Optional) Failure Reason
cfcFeatureCtrlOpStatus2	(Optional) operation status
cfcFeatureCtrlOpStatusReason2	(Optional) Reason for current operation status
cfcFeatureCtrlTag2	(Optional) Name of the instance in string format in case of multinstance feature

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

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

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
fex_number	(Optional) Configured FEX number
chas_vendor	(Optional) Chassis Vendor
fex_model	(Optional) Fex Model
chas_ser	(Optional) Chassis Serial number
mod_model	(Optional) IO Module model
fex_ser	(Optional) IO Module serial
module_no	(Optional) Module number
mod_partno	(Optional) Module Part Number
fex_descr	(Optional) FEX description
fex_state	(Optional) Module State

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
chas_id	(Optional) Configured FEX number
descr	(Optional) Description
fex_state	(Optional) FEX State
fex_ver	(Optional) FEX version
sw_ver	(Optional) Switch version
fex_interim_ver	(Optional) FEX interim version
sw_interim_ver	(Optional) Switch interim version
model	(Optional) FEX model
serial	(Optional) FEX serial
part_no	(Optional) Part number
card_id	(Optional) Card id
mac	(Optional) Mac address
num_macs	(Optional) Number of macs
bay	(Optional) Bay Number
rack	(Optional) Rack Name
enclosure	(Optional) Enclosure Name
enclosure_ser	(Optional) Enclosure serial

rack_id	(Optional) Rack id
fex_sw_gen	(Optional) Fex software gen
sw_sw_gen	(Optional) Switch software gen
pin_mode	(Optional) Pinning mode
max_link	(Optional) Maximum links
post_level	(Optional) Post level
fbr_port_control	(Optional) Fabric port for control traffic
TABLE_fbr_state	(Optional) Fabric port state
fbr_index	(Optional) Fabric port interface
fbr_oper_state	(Optional) Fabric port operational state
fsm_state	(Optional) Fabric FSM state
TABLE_fex_port	(Optional) FEX port
fex_port	(Optional) FEX port
fex_port_oper_state	(Optional) Operational state
fbr_port	(Optional) Fabric port
primary_fabric	(Optional) Primary fabric port
TABLE_logs	(Optional) FEX logs
log	(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
chas_no	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	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
intf	(Optional) Specify a single interface
__readonly__	(Optional)
TABLE_brief	(Optional) Show brief FHRP interface information
intf_name	(Optional) Interface name
intf_state	(Optional) Interface state
ipv4_state	(Optional) Interface IPv4 state
ipv6_state	(Optional) Interface IPv6 state
hardware_status	(Optional) Interface hardware status
refcount	(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
intf	(Optional) Specify a single interface
verbose	Display detailed information
__readonly__	(Optional)
TABLE_det	(Optional) Detailed FHRP interface information
intf_name	(Optional) Interface name
handle	(Optional) Interface handle
refcount	(Optional) Reference count
TABLE_clients	(Optional) FHRP clients present on interface
client_id	(Optional) FHRP client id
client_name	(Optional) FHRP client name
running	(Optional) Time verify up timer running
expired	(Optional) Verify up timer has expired
v_retries	(Optional) Verify retries
v_time	(Optional) Verify remaining time
r_delay	(Optional) Reload delay
min_delay	(Optional) Min delay
remaining_delay	(Optional) Remaining delay
i_state	(Optional) Interface state
ipv4_state	(Optional) Interface IPv4 state
ipv6_state	(Optional) Interface IPv6 state
h_state	(Optional) Interface hardware state
int_l2	(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
uri0	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
__readonly__	(Optional) Read only
file_content	(Optional) uri file content buffer string
file_content_cksum	(Optional) uri file content checksum
file_content_md5sum	(Optional) uri file content md5sum
file_content_sha256sum	(Optional) uri file content sha256sum
file_content_sha512sum	(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
__readonly__	(Optional)
operation_status	(Optional) run-time information about fips
o_status	(Optional) operational status of fips
mode_state	(Optional) mode state
m_state	(Optional) fips or non-fips state
TABLE_sessions	(Optional) all lc status
lc_num	(Optional) the lc number
lc_status	(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_vers> <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
exportername	(Optional) Specify an exporter
__readonly__	(Optional)
exporter	(Optional)
description	(Optional)
dest	(Optional)
vrf	(Optional)
vrf_id	(Optional)
vrf_resolved	(Optional)
dest_udp	(Optional)
source_intf	(Optional)
source_ip	(Optional)
dscp	(Optional)
seqnum	(Optional)
exp_vers	(Optional)
samp_table_to	(Optional)
if_table_to	(Optional)
stats_to	(Optional)
temp_to	(Optional)
rec_sent	(Optional)

temp_sent	(Optional)
pkts_sent	(Optional)
bytes_sent	(Optional)
dest_unreach	(Optional)
buff_events	(Optional)
pkts_drop_no_route	(Optional)
pkts_drop_other	(Optional)
pkts_drop_lc_rp	(Optional)
pkts_drop_op_drops	(Optional)
time_last_cleared	(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
intf	(Optional) Interface
__readonly__	(Optional)
intf_name	(Optional) Interface
vlan_id	(Optional) VLAN ID
v4in_mon_name	(Optional) IPv4 Input monitor name
v4in_samp_name	(Optional) IPv4 Input sampler name
v4out_mon_name	(Optional) IPv4 Output monitor name
v4out_samp_name	(Optional) IPv4 Output sampler name
v6in_mon_name	(Optional) IPv6 Input monitor name
v6in_samp_name	(Optional) IPv6 Input sampler name
v6out_mon_name	(Optional) IPv6 Output monitor name
v6out_samp_name	(Optional) IPv6 Output sampler name
l2in_mon_name	(Optional) l2 Input monitor name
l2in_samp_name	(Optional) l2 Input sampler name
l2out_mon_name	(Optional) l2 Output monitor name
l2out_samp_name	(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
monitorname	(Optional) Specify a monitor
cache	(Optional) Flow monitor cache contents
detailed	(Optional) Show the entire cache contents
__readonly__	(Optional)
monitor	(Optional)
use_count	(Optional)
description	(Optional)
record	(Optional)
exporter1	(Optional)
exporter2	(Optional)
src_addr	(Optional)
dest_addr	(Optional)
direction	(Optional)
pkt_count	(Optional)
byte_count	(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
recordname	(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
__readonly__	(Optional)
record	(Optional)
description	(Optional)
use_count	(Optional)
template	(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
monitorname	(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
__readonly__	(Optional)
active_to	(Optional)
inactive_to	(Optional)
fast_to	(Optional)
th_pkts	(Optional)
agg_age_to	(Optional)
flush_cache_to	(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
vrf-name	(Optional) VRF name
vrf-known-name	(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
aif	(Optional) adjacency output interface
anh	(Optional) adjacency next hop
detail	(Optional) detail
stats	(Optional) adjacency statistics
module	(Optional) slot
module	(Optional) slot number
__readonly__	(Optional)
TABLE_adj	(Optional) Table Adjacency
adj-count	(Optional) total adj count
fec	(Optional) FEC info

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

Command Mode

- /exec

show forwarding consistency l2

show forwarding consistency l2 <modnum> [__readonly__ <l2entry> <header> TABLE_mac_address <disp_mac_addr><disp_type><disp_vlan><disp_is_static><disp_age><disp_is_secure><disp_is_ntfy><disp_port>]

Syntax Description

show	show
forwarding	Forwarding information
consistency	consistency
l2	l2
__readonly__	(Optional)
header	(Optional) Header
l2entry	(Optional) L2 Entry String
TABLE_mac_address	(Optional) Mac address table

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)
slot	(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
vlan-id	(Optional) Vlan id value
group	(Optional) Group specific information
grpaddr	(Optional) Group address
mac-grpaddr	(Optional) Group MAC address
source	(Optional) (G,S) specific information
srcaddr	(Optional) Source address
detail	(Optional) Detailed display
__readonly__	(Optional)
refcount	(Optional) Reference Count
oiflist_id	(Optional) OIF list Identifier
last_oiflist_id	(Optional) Last OIF list Identifier
ftag-id	(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> <rpfif> <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
vrf-name	(Optional) VRF name
table	(Optional) table
table_id	(Optional) table number
group	(Optional) Multicast IPv6 Group Address
source	(Optional) Multicast IPv6 Source Address
summary	(Optional) display route counts
__readonly__	(Optional)
table_type	(Optional) Table Type
num_routes	(Optional) Number of routes
num_starg_routes	(Optional) Number of (*,G) routes
num_sg_routes	(Optional) Number of (S,G) routes
num_gprefix_routes	(Optional) Number of (*,G-prefix) routes
num_groups	(Optional) Number of group entries in the table
num_sources	(Optional) Number of (S, G) entries for the group address
address	(Optional) Ipv6 address string
src_len	(Optional) Source Address Mask

grp_len	(Optional) Group address Mask
df_ordinal	(Optional) DF ordinal
rpfif	(Optional) RPF interface
flag	(Optional) Route type flag
route_pkts	(Optional) Route packet count
route_bytes	(Optional) Route bytes
mti_src_if	(Optional) MTI Source Ifindex
mti_grp_ip	(Optional) MTI Group IP Address
mti_src_ip	(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
vlan-id	(Optional) Vlan id value
group	(Optional) Group specific information
grpaddr	(Optional) Group address
source	(Optional) (G,S) specific information
srcaddr	(Optional) Source address
destination-mac	(Optional) Destination MAC specific information
dmac	(Optional) Destination MAC address
summary	(Optional) display route counts
__readonly__	(Optional)
refcount	(Optional) Reference Count
oiflist_id	(Optional) OIF list Identifier
last_oiflist_id	(Optional) Last OIF list Identifier
ftag-id	(Optional) ftag Id
src_str	(Optional) Source
grp_str	(Optional) Group

vlan	(Optional) vlan_id
num_routes	(Optional) Number of routes
num_starg_routes	(Optional) Number of (*,G) routes
num_sg_routes	(Optional) Number of (S,G) routes
num_gprefix_routes	(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
__readonly__	(Optional)
count	(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
__readonly__	(Optional)
TABLE_lisp_vrf_enabled	(Optional)
vrf	(Optional) vrf key
lisp_enabled	(Optional) lisp enabled status
req_id	(Optional) req id
operation	(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
__readonly__	(Optional)
fibstate	(Optional) IP Multicast FIB process state
slot	(Optional) Slot
accepting_routes	(Optional) Indicates whether FIB is accepting routes
num_accepting_routes	(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
__readonly__	(Optional)
xid	(Optional) XID
num_recepients	(Optional) Number of recepients
num_responses	(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
__readonly__	(Optional)
num-clients	(Optional) Number of Clients registered
client-name	(Optional) Client Name
client-id	(Optional) Client-id
shmem-name	(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
vrf-name	(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
index	(Optional) Outgoing Interface List index
__readonly__	(Optional)
platform_index	(Optional) Platform index
ref_count	(Optional) Reference count
num_oif	(Optional) Number of outgoing interfaces
oif	(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
vrf_name	(Optional) Specify VRF name
all	(Optional) Display information for all VRFs
table	(Optional) Specify Multicast Routing Table
id	(Optional) Multicast Routing Table Identifier
group	(Optional) IPv4 Multicast Group specific
gaddr	(Optional) IPv4 Multicast Group Address
mask	(Optional) mask for group ip address
gprefix	(Optional) IPv4 Multicast Group Prefix
source	(Optional) IPv4 Multicast Source specific
saddr	(Optional) IPv4 Source Address
smask	(Optional) mask for group ip address
sprefix	(Optional) IPv4 Multicast Source Prefix
summary	(Optional) display route counts
__readonly__	(Optional)
table_name	(Optional) Table name

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

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)
header	(Optional) Header
TABLE_peer_id	(Optional) Peer ID table
app	(Optional) OTV/VPLS
vlan	(Optional) VLAN
id	(Optional) ID
peer_id	(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
vrf-name	(Optional) VRF name
vrf-known-name	(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
module	(Optional) slot number
__readonly__	(Optional)
header	(Optional) o/p header
ecmp_hash	(Optional) ecmp hash
intf	(Optional) interface
nh	(Optional) next hop
v6nh	(Optional) V6 next hop
hw_index	(Optional) Hw index
num_mpls	(Optional) No of MPLS ecmp
holder	(Optional) holder bitmap
refcount	(Optional) refcount
sw_ptr	(Optional) Software pointer
num_paths	(Optional) No of paths

ecmp_partial	(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
module	(Optional) slot number
max-display-count	(Optional) displays max # of routes
display_count	(Optional) count
__readonly__	(Optional)
header	(Optional) o/p header
num_pfxs	(Optional) Number of prefixes using this virtual object
rnh_table_id	(Optional) The table id where the RNHs are present
nh	(Optional) Next hop info
rnh_len	(Optional) Next hop mask length
v6nh	(Optional) V6 Next hop info
hw_instance	(Optional) Hardware instance info
nh_vpn_label	(Optional) NH VPN label
nh_weight	(Optional) weighted ecmp info
cnh_intf	(Optional) cnh output interface
ecmp_partial	(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)
intf	(Optional) interface name
module	(Optional) slot
module	(Optional) slot number
v4adjcnt	(Optional) count of v4 adjacencies
v6adjcnt	(Optional) count of v6 adjacencies
mac	(Optional) mac address
rpfmode	(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
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
mpls	(Optional) mpls adjacency information
aif	(Optional) adjacency output interface
detail	(Optional) detail
stats	(Optional) adjacency statistics
module	(Optional) slot
module	(Optional) slot number
__readonly__	(Optional)
TABLE_adj	(Optional) Table Adjacency
adj-count	(Optional) total adj count
fec	(Optional) FEC info
nexthop	(Optional) next hop address
rewinfo	(Optional) rewrite information
interface	(Optional) output interface
pkts	(Optional) packet stats

bytes	(Optional) bytes stats
bgp_rnh	(Optional) next hop address
bgp_orig_as	(Optional) bgp orig as
bgp_peer_as	(Optional) bgp peer as
hh	(Optional) Hardware Handle
refcount	(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> <rpfif> <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
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
table	(Optional) display info per vpn-id
tab_id	(Optional) table number
group	(Optional) Multicast IPv6 Group Address
source	(Optional) Multicast IPv6 Source Address
summary	display route counts
module	(Optional) slot
module	(Optional) slot number
__readonly__	(Optional)
table_type	(Optional) Table Type
num_routes	(Optional) Number of routes
num_starg_routes	(Optional) Number of (*,G) routes
num_sg_routes	(Optional) Number of (S,G) routes
num_gprefix_routes	(Optional) Number of (*,G-prefix) routes

num_prefix_insert_fail	(Optional) Prefix insert fail count
num_groups	(Optional) Number of group entries in the table
num_sources	(Optional) Number of (S, G) entries for the group address
address	(Optional) Ipv6 address string
src_len	(Optional) Source Address Mask
grp_len	(Optional) Group address Mask
df_ordinal	(Optional) DF ordinal
rpfif	(Optional) RPF interface
flag	(Optional) Route type flag
route_pkts	(Optional) Route packet count
route_bytes	(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
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
table	(Optional) display info per vpn-id
table_id	(Optional) table number
ipv6	ipv6
pss	display info from pss
route	route
module	(Optional) slot
module	(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
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
table	(Optional) display info per vpn-id
table_id	(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
interface	(Optional) output interface
next-hop	(Optional) display routes with this next-hop only
attached	(Optional) display directly connected routes
unresolved	(Optional) display unresolved routes

adjacency	(Optional) display routes via specified adjacency
aif	(Optional) adjacency output interface
drop	(Optional) display routes via drop adjacency
glean	(Optional) display routes via glean adjacency
punt	(Optional) display routes via punt adjacency
module	(Optional) slot
module	(Optional) slot number
max-display-count	(Optional) displays max # of routes
display_count	(Optional) count
__readonly__	(Optional)
TABLE_vrf	(Optional) vrf table
vrfname	(Optional) VRF name
tblname	(Optional) table name
prefix_count	(Optional) total number of prefix in VRF
TABLE_prefix	(Optional) all xml prefix entries
pfx	(Optional) ipv6 prefix
TABLE_path	(Optional) path table
nexthop	(Optional) next hop address
special	(Optional) special adjacencies
intf	(Optional) output interface
route_count	(Optional) total number of routes in VRF
path_count	(Optional) total number of paths in VRF
mask_length	(Optional) length of mask
routes_per_mask	(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
vlan-id	(Optional) Vlan id value
group	(Optional) (S,G) specific information
grpaddr	(Optional) Group address
source	(Optional) source specific information
srcaddr	(Optional) Source address
destination-mac	(Optional) Destination MAC address
dstmac	(Optional) Ethernet MAC address
vdc	(Optional) VDC
vdc-id	(Optional) VDC id
module	(Optional) Slot
num	(Optional) Slot number
__readonly__	(Optional)
resource_id	(Optional) Resource Identifier
dest_index	(Optional) Destination Index Identifier
epoch	(Optional) Epoch number
hw_handle	(Optional) Hardware Handle
dmac	(Optional) Destination MAC address
text	(Optional) String
value	(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
vlan-id	(Optional) vlan id
software-bd	(Optional) Software bd
module	(Optional) slot
module	(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
label_id	(Optional) VC label
vpls	VPLS
module	(Optional) slot
module	(Optional) slot number
__readonly__	(Optional)
label_id	(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
label_id	(Optional) VC label
xconnect	xconnect or VPWS
module	(Optional) slot
module	(Optional) slot number
__readonly__	(Optional)
label_id	(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
oiflist-index	(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	Mcast route information
vlan	(Optional) vlan
softwarebd	(Optional) Software Bridge Domain
vlan-id	(Optional) vlan id
software-bd	(Optional) Software bd
module	(Optional) slot
module	(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
service_id	service ID
all	all VPLS services
vlan	VLAN info
vlan_id	VLAN number
vlan_all	all VPLS services
peer	define the peer
peer_all	all peers
interface	PW interface for peer
intf-name	interface name
next-hop	Next hop to reach the peer
addr	IP address
module	(Optional) slot
module	(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
service_id	service ID
all	All service-id will be displayed
module	(Optional) slot
module	(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
vlan_id	(Optional) vlan id
module	(Optional) slot
module	(Optional) slot number
__readonly__	(Optional)
vlan	(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
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known vrf name
vrf-all	(Optional) Display information for all VRFs
table	(Optional) display info per vpn-id
table_id	(Optional) table number
label-space	(Optional) label space
label-space-id	(Optional) label space id
label	(Optional) mpls labels
label-id	(Optional) mpls label value
prefix	(Optional) Labels for single exact match route
module	(Optional) slot
module	(Optional) slot number
stats	(Optional) Label Statistics
implicit	(Optional) Display implicit label
platform	(Optional) Display platform information
__readonly__	(Optional)
TABLE_mpls	(Optional)
label	(Optional) mpls label value
TABLE_label_nh	(Optional)

out-table-id	(Optional) Output table-id
fec	(Optional) Prefix/Tunnel ID
out-ip	(Optional) Output Next Hop
out-intf	(Optional) Output Interface
out-op	(Optional) Output Label op
out-label	(Optional) Output Label
hh	(Optional) Hardware Handle
ref-count	(Optional) Ref Count
in-pkts	(Optional) Label Input Packet Stats
in-bytes	(Optional) Label Input Bytes Stats
out-pkts	(Optional) Label Output Packet Stats
out-bytes	(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 forwaring
aggregate	aggregate label
label	(Optional) label
label-id	(Optional) label-id
all	(Optional) all
detail	(Optional) detail
module	(Optional) slot
module	(Optional) slot number
__readonly__	(Optional)
TABLE_label_info	(Optional)
label	(Optional)
id	(Optional)
sw_index	(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 forwaring
cbts	cbts labels
module	(Optional) slot
module	(Optional) slot number
__readonly__	(Optional)
TABLE_cbts	(Optional)
label	(Optional) mpls label value
out-intf	(Optional) Output Interface
out-table-id	(Optional) Output table-id
out-ip	(Optional) Output Next Hop
out-op	(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)
pkts	(Optional) Label Packet Stats
bytes	(Optional) Label Bytes Stats

Command Mode

- /exec

show forwarding mpls ecmp

show forwarding mpls ecmp [module <module>] [platform] [__readonly__ [{ TABLE_ecmp <type> <num_paths> <ip_paths> <mpls_paths> <ecmp_hash> <holder> <refcount> <hw_index> [{ TABLE_ecmp_paths <out-intf> <out-ip> <label_info> }] }]]

Syntax Description

show	show
forwarding	display fib information
mpls	mpls forwarding
ecmp	mpls ecmps
module	(Optional) slot
module	(Optional) slot number
platform	(Optional) show pd info
__readonly__	(Optional)
TABLE_ecmp	(Optional)
type	(Optional) ecmp type
num_paths	(Optional) No of paths
ip_paths	(Optional) No of ip paths
mpls_paths	(Optional) No of mpls paths
ecmp_hash	(Optional) ecmp hash
holder	(Optional) holder bitmap
refcount	(Optional) refcount
hw_index	(Optional) Hw index
TABLE_ecmp_paths	(Optional)
label_info	(Optional) rew info
out-intf	(Optional) Output Interface
out-ip	(Optional) Output Next Hop

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>] [<nxhop>] [<out-interface>] [<out-op>] }]]

Syntax Description

show	show
forwarding	forwarding
mpls	mpls forwarding
option_b	Option B
label	(Optional) mpls labels
label	(Optional) mpls label value
module	(Optional) slot
module	(Optional) slot number
platform	(Optional) show pd info
__readonly__	(Optional)
TABLE_mpls_opt_b	(Optional)
label	(Optional) mpls label value
prefix	(Optional) Output Interface
nxhop	(Optional) Output Next Hop
out-interface	(Optional) Output Label op
out-op	(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
module	(Optional) slot number
__readonly__	(Optional)
TABLE_labels	(Optional)
space	(Optional) label space
count	(Optional) number of labels
total_deagg_labels	(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>] [<frr_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
te_if	(Optional) tunnel-te number
module	(Optional) slot number
__readonly__	(Optional)
TABLE_te	(Optional)
id	(Optional) headend if index
midpoint_source	(Optional)
dest	(Optional)
tunnel_id	(Optional)
ext_tunnel_id	(Optional)
lisp_id	(Optional)
adjacency	(Optional)
hh	(Optional) HH
lfib_adj	(Optional) lfib adjavency is drop
adj_refcount	(Optional)
obj_refcount	(Optional)
te_state	(Optional)
next_hop	(Optional)

next_if_index	(Optional)
op_label	(Optional)
backup_tunnel	(Optional)
adj_key_id	(Optional)
frr_label	(Optional)
local_label	(Optional)
adj_count	(Optional) te related adj count
type	(Optional)
out_if	(Optional)
out_lbl	(Optional)
backup_if	(Optional)
backup_lbl	(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
module	(Optional) slot number
index	(Optional) Outgoing Interface List Index
__readonly__	(Optional)
refcount	(Optional) Reference count
num_oif	(Optional) Number of outgoing interfaces
intf	(Optional) OIF name
encap_id	(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
table_id	(Optional) table number
vrf	(Optional) display info per VRF
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
all	(Optional) Display information for all VRFs
group	(Optional) Multicast IPv4 Group specific info
gaddr	(Optional) Multicast IPv4 Group Address
mask	(Optional) Multicast IPv4 Group Address mask
gprefix	(Optional) Multicast IPv4 Group Prefix
source	(Optional) Multicast IPv4 Source specific info
saddr	(Optional) Multicast IPv4 Source Address
smask	(Optional) Multicast IPv4 Source Address mask
sprefix	(Optional) Multicast IPv4 Source Prefix

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

oif_bytes	(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
peer_ip	(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
tunnel_id	tunnel_id
bd	(Optional) BD info
bd_id	(Optional) bd id
detail	(Optional) Show detailed information
module	(Optional) Slot/module
num	(Optional) Slot/module number
table	(Optional) Tenant table-id
table_id	(Optional) tenant table-id
__readonly__	(Optional)
tunnel_id	(Optional) tunnel_id
bd_id	(Optional) bd id
table_id	(Optional) tenant table-id
VNI	(Optional) vni
Drop	(Optional) Drop
Refcount	(Optional) Refcount
Origin	(Optional) origin
State	(Optional) state
Del	(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
peer_id	(Optional) nve peer-id
tunnel	(Optional) VXLAN tunnel
tunnel_id	(Optional) Unique identifier for the tunnel
detail	(Optional) Show detailed information
module	(Optional) Slot/module
num	(Optional) Slot/module number
__readonly__	(Optional)
tunnel_id	(Optional) tunnel_id
peer_id	(Optional) peer_id
peer_address	(Optional) peer_address
interface	(Optional) interface
rmac	(Optional) rmac
origin	(Optional) origin
state	(Optional) state
del	(Optional) del
count	(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
intf	overlay interface
peer	(Optional) overlay peer
peer-id	(Optional) overlay peer-id
module	(Optional) slot
module	(Optional) slot number
__readonly__	(Optional)
vlan	(Optional) Vlan information
peer-id	(Optional) peer-id

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
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
table	(Optional) display info per vpn-id
table_id	(Optional) table number
ip	(Optional) ipv4
ipv4	(Optional) ipv4
pss	display info from pss
route	route
module	(Optional) slot
module	(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
module	(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
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
table	(Optional) display info per vpn-id
table_id	(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
prefix	(Optional) display single exact match route
longer-prefixes	(Optional) display longer prefixes
address	(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
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
vrf-all	(Optional) Display information for all VRFs
table	(Optional) display info per vpn-id
table_id	(Optional) table number
vlan	(Optional) vlan
vlan_id	(Optional) vlan number
ip	(Optional) ipv4
ipv4	(Optional) ipv4
security	display IP security information
group-tag	ip_address->security_group_tag
addr	(Optional) specific ip address
module	(Optional) slot
__readonly__	(Optional)
header	(Optional) header string
vrfname	(Optional) VRF name
tid	(Optional) table identifier
num	(Optional) module number
pfx-count	(Optional) total prefix count in VRF
ipa	(Optional) ip address
tag	(Optional) security group tag

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

v	(Optional) 1 => ip->vlan binding
intf	(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
module	(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
module	(Optional) slot number
__readonly__	(Optional)
op	(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
module	(Optional) slot number
__readonly__	(Optional)
op	(Optional) output

Command Mode

- /exec