F Show Commands

show fabric database dci

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

Syntax Description

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

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> }] [__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

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

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

F Show Commands

show fabric database host internal

show fabric database host internal

show fabric database host [detail] [{ vni <vni-id> } | { dot1q <vlan-id> }] internal

Syntax Description

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	Internal command

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

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

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> <mac_aging_timeout_minute> }]]

Syntax Description

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

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

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

Command Mode

- /exec

show fabric database internal profile-data

show fabric database internal profile-data

Syntax Description

Syntax Description

show	Show running system information
fabric	
database	
internal	Internal information
profile-data	Data learnt from the profile

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

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

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

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

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 internal af

show fabric forwarding internal af [{ vrf { <vrf-name> | <vrf-known-name> | all } }]

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
af	Show AF 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

Command Mode

- /exec

show fabric forwarding internal buffers

show fabric forwarding internal buffers [vPC]

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
buffers	Internal buffer state maintained by HMM
vPC	(Optional) vPC buffer information

Command Mode

- /exec

show fabric forwarding internal clients

show fabric forwarding internal clients

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
clients	Clients of RPM

Command Mode

- /exec

show fabric forwarding internal debug

show fabric forwarding internal debug

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
debug	Internal debug info maintained by HMM

Command Mode

- /exec

show fabric forwarding internal event-history

show fabric forwarding internal event-history { errors | msgs | trace | events | packets | ha | periodic | auto-config | test }

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
event-history	Show various event logs of HMM
errors	Show error logs of HMM
msgs	Show various message logs of HMM
trace	Show processing logs of HMM commands
events	Show HMM process events
packets	Show HMM process Packet events
ha	Show HMM process HA debugs
periodic	Show HMM process periodic events
auto-config	Show HMM process auto-config events
test	Show HMM process test events

Command Mode

- /exec

show fabric forwarding internal intf local

show fabric forwarding internal intf { local-host-db | remote-host-db } [{ vrf { <vrf-name> | <vrf-known-name> | all } }] [<interface>]

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
intf	Interface on which local host is learnt
local-host-db	HMM local host database
remote-host-db	HMM remote host database
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
interface	(Optional) Interface name

Command Mode

- /exec

show fabric forwarding internal ip dup-host

show fabric forwarding internal { ip | ipv6 } dup-host [{ vrf { <vrf-name> | <vrf-known-name> | all } }]

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
ip	Display IP information
ipv6	Display IPv6 information
dup-host	Duplicate host
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

Command Mode

- /exec

show fabric forwarding internal ip local-host-db

show fabric forwarding internal ip local-host-db [{ vrf { <vrf-name> | <vrf-known-name> | all } }] [<ip-prefix>]

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
ip	Display IP information
local-host-db	HMM Local Host Database
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

Command Mode

- /exec

show fabric forwarding internal ipv6 local-host-db

show fabric forwarding internal ipv6 local-host-db [{ vrf { <vrf-name> | <vrf-known-name> | all } }] [<ipv6-prefix>]

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
ipv6	Display IPv6 information
local-host-db	HMM Local Host Database
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

Command Mode

- /exec

show fabric forwarding internal mac-bd local-host-db

show fabric forwarding internal mac-bd local-host-db [{ vrf { <vrf-name> | <vrf-known-name> | all } }] [<mac-addr> <bd>]

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
mac-bd	MAC-BD information
local-host-db	HMM local host database
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
mac-addr	(Optional) MAC address
bd	(Optional) S/W BD

Command Mode

- /exec

show fabric forwarding internal mem-stats

show fabric forwarding internal mem-stats [all] [detail]

Syntax Description

Syntax Description		
	show	Show running system information
	fabric	Fabric
	forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
	internal	Internal information
	mem-stats	Dynamic memory stats
	all	(Optional) Display private and shared memory statistics
	detail	(Optional) Detailed information

Command Mode

- /exec

show fabric forwarding internal migration-vips

show fabric forwarding internal migration-vips [{ vrf { <vrf-name> | <vrf-known-name> | all } }] [<svi-intf>]

Syntax Description

Syntax Description		
show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
migration-vips	HMM VIPs DB for migration
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
svi-intf	(Optional) Vlan Interface name

Command Mode

- /exec

show fabric forwarding internal sdb

show fabric forwarding internal sdb

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
sdb	SDB state

Command Mode

- /exec

show fabric forwarding internal state

show fabric forwarding internal state

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
state	Internal state maintained by HMM

Command Mode

- /exec

show fabric forwarding internal state vPC

show fabric forwarding internal state vPC

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
state	Internal state maintained by HMM
vPC	Internal vPC state maintained by HMM

Command Mode

- /exec

show fabric forwarding internal svi-info

show fabric forwarding internal svi-info [<svi-intf>]

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
svi-info	SVI information DB
svi-intf	(Optional) Vlan Interface name

Command Mode

- /exec

show fabric forwarding internal topo-info

show fabric forwarding internal topo-info [<topo-id> | stale]

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
topo-info	E-VPN identifier
topo-id	(Optional) E-VPN identifier (VLAN-ID or BD-ID)
stale	(Optional) Display staled E-VPN identifier

Command Mode

- /exec

show fabric forwarding internal work-info

show fabric forwarding internal work-info

Syntax Description

Syntax Description

show	Show running system information
fabric	Fabric
forwarding	Fabric Forwarding Protocol: Host Mobility Manager (HMM)
internal	Internal information
work-info	Internal HMM worker thread info

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

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

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

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 fc2 bind

show fc2 bind

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
bind	show fc2 socket bindings

Command Mode

- /exec

show fc2 classf

show fc2 classf

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
classf	show fc2 classf sessions

Command Mode

- /exec

show fc2 exchange

show fc2 exchange

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
exchange	show fc2 active exchanges

Command Mode

- /exec

show fc2 exchresp

show fc2 exchresp

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
exchresp	show fc2 active responder exchanges

Command Mode

- /exec

show fc2 flogi

show fc2 flogi

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
flogi	show fc2 flogi table

Command Mode

- /exec

show fc2 internal cmdcode

show fc2 internal cmdcode

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
cmdcode	show fc2 cmd code information

Command Mode

- /exec

show fc2 internal cpuhog

show fc2 internal cpuhog

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
cpuhog	show fc2 cpuhog value

Command Mode

- /exec

show fc2 internal cpuperiod

show fc2 internal cpuperiod

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
cpuperiod	show fc2 cpu period value

Command Mode

- /exec

show fc2 internal cputimer

show fc2 internal cputimer

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
cputimer	show fc2 cpu timer value

Command Mode

- /exec

show fc2 internal debugmon

show fc2 internal debugmon

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
debugmon	show fc2 debugmon value

Command Mode

- /exec

show fc2 internal dest_index

show fc2 internal dest_index

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
dest_index	show fc2 driver debug dest index

Command Mode

- /exec

show fc2 internal device

show fc2 internal device

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
device	show fc2 inband device

Command Mode

- /exec

show fc2 internal event-history errors

show fc2 internal event-history errors

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
event-history	show fc2 event-history logs
errors	show fc2 event errors

Command Mode

- /exec

show fc2 internal event-history filt_msg

show fc2 internal event-history filt_msg

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
event-history	show fc2 event-history logs
filt_msg	show fc2 error filt_msg

Command Mode

- /exec

show fc2 internal event-history log_errors

show fc2 internal event-history log_errors

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
event-history	show fc2 event-history logs
log_errors	show fc2 error msgs

Command Mode

- /exec

show fc2 internal event-history msgs

show fc2 internal event-history msgs

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
event-history	show fc2 event-history logs
msgs	show fc2 msg logs

Command Mode

- /exec

show fc2 internal fc2_tx_enable

show fc2 internal fc2_tx_enable

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
fc2_tx_enable	show fc2 tx enable value

Command Mode

- /exec

show fc2 internal flag

show fc2 internal flag

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
flag	show fc2 driver flag

Command Mode

- /exec

show fc2 internal fragsize

show fc2 internal fragsize

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
fragsize	show fc2 skb fragment size in bytes

Command Mode

- /exec

show fc2 internal maxrxbuffer

show fc2 internal maxrxbuffer

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
maxrxbuffer	show fc2 max receive buffer size in bytes

Command Mode

- /exec

show fc2 internal memory_usage

show fc2 internal memory_usage

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
memory_usage	show fc2 memory usage

Command Mode

- /exec

show fc2 internal pid_tx

show fc2 internal pid_tx

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
pid_tx	show fc2 driver debug transmit pid

Command Mode

- /exec

show fc2 internal platform

show fc2 internal platform

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
platform	show fc2 platform flag

Command Mode

- /exec

show fc2 internal plogi

show fc2 internal plogi

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
plogi	show fc2 over-ride plogi parameters

Command Mode

- /exec

show fc2 internal reason_code

show fc2 internal reason_code

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
reason_code	show fc2 driver debug reason code

Command Mode

- /exec

show fc2 internal rxmaxpacket

show fc2 internal rxmaxpacket

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
rxmaxpacket	show fc2 receive max sequence number of packets

Command Mode

- /exec

show fc2 internal rxmaxsequence

show fc2 internal rxmaxsequence

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
rxmaxsequence	show fc2 receive max sequence value in bytes

Command Mode

- /exec

show fc2 internal sockqueue

show fc2 internal sockqueue <i0>

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
sockqueue	show fc2 socket receive queue contents
i0	fc2 socket address hex value

Command Mode

- /exec

show fc2 internal tstmpvalid

show fc2 internal tstmpvalid

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
tstmpvalid	show fc2 timestamp valid flag

Syntax Description

Command Mode

- /exec

show fc2 internal txmaxsequence

show fc2 internal txmaxsequence

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
internal	show fc2 internal information
txmaxsequence	show fc2 transmit max sequence value in bytes

Command Mode

- /exec

show fc2 nport

show fc2 nport

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
nport	show fc2 local nports

Command Mode

- /exec

show fc2 plogi

show fc2 plogi

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
plogi	show fc2 plogi sessions

Command Mode

- /exec

show fc2 plogi_pwwn

show fc2 plogi_pwwn

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
plogi_pwwn	show fc2 plogi pwwn entries

Command Mode

- /exec

show fc2 port brief

show fc2 port brief

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
port	show fc2 physical port table
brief	display only active port counters

Command Mode

- /exec

show fc2 port drops

show fc2 port drops

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
port	show fc2 physical port table
drops	display active port drop counters

Command Mode

- /exec

show fc2 port state

show fc2 port state

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
port	show fc2 physical port table
state	display port state history

Command Mode

- /exec

show fc2 socket

show fc2 socket

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
socket	show fc2 active sockets

Command Mode

- /exec

show fc2 sockexch

show fc2 sockexch

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
sockexch	show fc2 active exchanges for each socket

Command Mode

- /exec

show fc2 socknotify

show fc2 socknotify

Syntax Description

Syntax Description	show	Show running system information
	fc2	show fc2 tables and statistics
	socknotify	show fc2 local nport plogi/logo notifications per each socket

Command Mode

• /exec

show fc2 socknport

show fc2 socknport

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
socknport	show fc2 local nports per each socket

Command Mode

- /exec

show fc2 vsan

show fc2 vsan

Syntax Description

Syntax Description

show	Show running system information
fc2	show fc2 tables and statistics
vsan	show fc2 vsan table

Command Mode

- /exec

show fcoe_klm internal event-history errors

show fcoe_klm internal event-history errors

Syntax Description

Syntax Description

show	Show running system information
fcoe_klm	show fcoe_klm tables and statistics
internal	show fcoe_klm internal information
event-history	show fcoe_klm event-history logs
errors	show fcoe_klm event errors

Command Mode

- /exec

show fcoe_klm internal event-history msgs

show fcoe_klm internal event-history msgs

Syntax Description

Syntax Description

show	Show running system information
fcoe_klm	show fcoe_klm tables and statistics
internal	show fcoe_klm internal information
event-history	show fcoe_klm event-history logs
msgs	show fcoe_klm msg logs

Command Mode

- /exec

show fcoe_klm internal flag

show fcoe_klm internal flag

Syntax Description

Syntax Description

show	Show running system information
fcoe_klm	show fcoe_klm tables and statistics
internal	show fcoe_klm internal information
flag	show fcoe_klm driver flag

Command Mode

- /exec

show fcoe_klm internal platform

show fcoe_klm internal platform

Syntax Description

Syntax Description

show	Show running system information
fcoe_klm	show fcoe_klm tables and statistics
internal	show fcoe_klm internal information
platform	show fcoe_klm driver platform

Command Mode

- /exec

show feature-set

show feature-set [<name>] [<id>] [__readonly__ TABLE-cfcFeatureSetTable <name-out> <id-out>
<cfcFeatureSetName> <cfcFeatureSetAction> <cfcFeatureSetLastAction> <cfcFeatureSetLastActionResult>
<cfcFeatureSetLastFailureReason> <cfcFeatureSetOpStatus> <cfcFeatureSetOpStatusReason>]

Syntax Description

Syntax Description		
show	Show running system information
feature-set	Show feature set status
name	(Optional) feature-set name
name-out	(Optional) feature-set name
id	(Optional) feature-set id
__readonly__	(Optional)
TABLE-cfcFeatureSetTable	(Optional) feature-set table
id-out	(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

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-cfcFeatureCtrl2Table <cfcFeatureCtrlIndex2>
<cfcFeatureCtrlInstanceNum2> <cfcFeatureCtrlName2> <cfcFeatureCtrlAction2> <cfcFeatureCtrlLastAction2>
<cfcFeatureCtrlLastActionResult2> <cfcFeatureCtrlLastFailureReason2> <cfcFeatureCtrlOpStatus2>
<cfcFeatureCtrlOpStatusReason2> <cfcFeatureCtrlTag2> }]]

Syntax Description

Syntax Description		
show	Show running system information
feature	Show feature status
__readonly__	(Optional)
TABLE-cfcFeatureCtrl2Table	(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 fhrp

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

Syntax Description

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

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

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

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 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

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

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

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 internal

show flow internal { { info [session-errors] } | [global] }

Syntax Description

show	Show running system information
flow	Show information about netflow
internal	Show internal nfm information
info	Show internal data structure information
session-errors	(Optional) Show Netflow session error history
global	(Optional) Display nfm global info

Command Mode

- /exec

show flow internal counter error

show flow internal counter error

Syntax Description

Syntax Description

show	Show running system information
flow	Show NetFlow information
internal	Show internal nfm information
counter	Show nfm counter
error	Show nfm info counters

Command Mode

- /exec

show flow internal counter info

show flow internal counter info

Syntax Description

Syntax Description

show	Show running system information
flow	Show NetFlow information
internal	Show internal nfm information
counter	Show nfm counter
info	Show nfm info counters

Command Mode

- /exec

show flow internal counter mts

show flow internal counter mts

Syntax Description

Syntax Description

show	Show running system information
flow	Show information about netflow
internal	Show internal nfm information
counter	Show nfm counter
mts	Counter for export msg drops

Command Mode

- /exec

show flow internal ddb db

show flow internal ddb db [__readonly__ <ddb_log_string>]

Syntax Description

Syntax Description

show	Show running system information
flow	Show information about netflow
internal	Show internal nfm information
ddb	DDB information
db	DDB database
__readonly__	(Optional)
ddb_log_string	(Optional)

Command Mode

- /exec

show flow internal event-history

show flow internal event-history

Syntax Description

Syntax Description

show	Show running system information
flow	Show information about netflow
internal	Show internal nfm information
event-history	Show various event logs of NFM

Command Mode

- /exec

show flow internal event-history ddb

show flow internal event-history ddb

Syntax Description

Syntax Description

show	Show running system information
flow	Show information about netflow
internal	Show internal nfm information
event-history	Show various event logs of NFM
ddb	Show various ddb logs

Command Mode

- /exec

show flow internal event-history errors

show flow internal event-history errors

Syntax Description

Syntax Description

show	Show running system information
flow	Show information about netflow
internal	Show internal nfm information
event-history	Show various event logs of NFM
errors	Show error logs of NFM

Command Mode

- /exec

show flow internal event-history events

show flow internal event-history events

Syntax Description

Syntax Description

show	Show running system information
flow	Show information about netflow
internal	Show internal nfm information
event-history	Show various event logs of NFM
events	Show various NFM events

Command Mode

- /exec

show flow internal event-history export

show flow internal event-history export

Syntax Description

Syntax Description

show	Show running system information
flow	Show information about netflow
internal	Show internal nfm information
event-history	Show various event logs of NFM
export	Show NFM export packet logs

Command Mode

- /exec

show flow internal event-history lif

show flow internal event-history lif

Syntax Description

Syntax Description

show	Show running system information
flow	Show information about netflow
internal	Show internal nfm information
event-history	Show various event logs of NFM
lif	Show NFM logical interface logs

Command Mode

- /exec

show flow internal event-history msgs

show flow internal event-history msgs

Syntax Description

Syntax Description

show	Show running system information
flow	Show information about netflow
internal	Show internal nfm information
event-history	Show various event logs of NFM
msgs	Show various message logs of NFM

Command Mode

- /exec

show flow internal event-history swcache

show flow internal event-history swcache

Syntax Description

Syntax Description

show	Show running system information
flow	Show information about netflow
internal	Show internal nfm information
event-history	Show various event logs of NFM
swcache	Show NFM software cache logs

Command Mode

- /exec

show flow internal lif status

show flow internal lif status [__readonly__ <ifindex> <vlan_id> <num_members> <slot_number> <num_ports>]

Syntax Description

Syntax Description		
show	Show running system information	
flow	Show information about netflow	
internal	Show internal nfm information	
lif	Logical interface	
status	Download status	
__readonly__	(Optional)	
ifindex	(Optional) Interface	
vlan_id	(Optional)	
num_members	(Optional)	
slot_number	(Optional)	
num_ports	(Optional)	

Command Mode

- /exec

show flow internal mem-stats

show flow internal mem-stats [no-libs] [detail]

Syntax Description

Syntax Description

show	Show running system information
flow	Show information about netflow
internal	Show internal nfm information
mem-stats	Show memory allocation statistics of NFM
no-libs	(Optional) Exclude libraries
detail	(Optional) Show detail memstats for NetFlow Manager

Command Mode

- /exec

show flow internal template

show flow internal template [<template_id>]

Syntax Description

Syntax Description

show	Show running system information
flow	Show information about netflow
internal	Show internal nfm information
template	Show all the template fields
template_id	(Optional) template id

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

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

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

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

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

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

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

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 dvif primary

show forwarding dvif primary

Syntax Description

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

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] [__readonly__ <header> <ecmp_hash> <intf> <nh> <v6nh> <hw_index> <num_mpls> <holder> <refcount> <num_paths> <sw_ptr> <ecmp_partial>]

Syntax Description

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	
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

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

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

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 internal debugs

show forwarding internal debugs

Syntax Description

Syntax Description

show	
forwarding	forwarding information
internal	IPFIB internal information
debugs	show debug traces

Command Mode

- /exec

show forwarding internal error counts

show forwarding internal error counts [module <module>] [__readonly__ <err-str><count>]

Syntax Description

Syntax Description

show	
forwarding	display fib information
internal	internal information
error	display internal errors
counts	display error counts
module	(Optional) slot
module	(Optional) slot number
__readonly__	(Optional)

Command Mode

- /exec

show forwarding internal errors

show forwarding internal errors

Syntax Description

Syntax Description

show	
forwarding	display fib information
internal	internal information
errors	show IPFBIB error traces

Command Mode

• /exec

show forwarding internal info

show forwarding internal info

Syntax Description

Syntax Description

show	
forwarding	forwarding information
internal	IPFIB internal information
info	show IPFIB data

Command Mode

- /exec

show forwarding internal ipfib debugs

show forwarding internal ipfib debugs

Syntax Description

Syntax Description

show	
forwarding	forwarding information
internal	IPFIB internal information
ipfib	ipfib
debugs	show debug traces

Command Mode

- /exec

show forwarding internal l2mcast debugs

show forwarding internal l2mcast debugs

Syntax Description

show	
forwarding	forwarding information
internal	l2mcast internal information
l2mcast	l2 multicast
debugs	show debug traces

Command Mode

- /exec

show forwarding internal l2vpn counters

show forwarding internal l2vpn counters [clear] [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
l2vpn	l2vpn forwarding
counters	counters
clear	(Optional) clear
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal l2vpn trace member-config

show forwarding internal l2vpn trace member-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
l2vpn	L2VPN
member-config	member bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal l2vpn trace member-history

show forwarding internal l2vpn trace member-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
l2vpn	L2VPN
trace	internal trace
member-history	member history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal mem-stats

show forwarding internal mem-stats [detail]

Syntax Description

Syntax Description

show	
forwarding	forwarding information
internal	IPFIB internal information
mem-stats	show memory allocation stats for IPFIB
detail	(Optional) show detail memstats for IPFIB

Command Mode

- /exec

show forwarding internal message counts

show forwarding internal message counts [module <module>] [__readonly__ <msg-str><count>]

Syntax Description

Syntax Description

show	
forwarding	display fib information
internal	internal information
message	display internal message counts
counts	display internal message counts
module	(Optional) slot
module	(Optional) slot number
__readonly__	(Optional)

Command Mode

- /exec

show forwarding internal mpls counters

show forwarding internal mpls counters [clear] [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
mpls	mpls forwarding
counters	counters
clear	(Optional) clear
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal mpls debugs

show forwarding internal mpls debugs

Syntax Description

Syntax Description

show	
forwarding	forwarding information
internal	IPFIB internal information
mpls	mpls lfib information
debugs	show debug traces

Command Mode

- /exec

show forwarding internal mpls trace adj-config

show forwarding internal mpls trace adj-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
mpls	mpls forwarding
trace	internal trace
adj-config	bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal mpls trace adj-history

show forwarding internal mpls trace adj-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
mpls	mpls forwarding
trace	internal trace
adj-history	adj-history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal mpls trace ecmp-config

show forwarding internal mpls trace ecmp-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
mpls	mpls forwarding
trace	internal trace
ecmp-config	ECMP bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal mpls trace ecmp-history

show forwarding internal mpls trace ecmp-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
mpls	mpls forwarding
trace	internal trace
ecmp-history	ECMP history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal mpls trace label-config

show forwarding internal mpls trace label-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
mpls	mpls
trace	internal trace
label-config	label bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal mpls trace label-history

show forwarding internal mpls trace label-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
mpls	mpls
trace	internal trace
label-history	label history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal mpls trace te-config

show forwarding internal mpls trace te-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
mpls	mpls forwarding
trace	internal trace
te-config	TE bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal mpls trace te-history

show forwarding internal mpls trace te-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
mpls	mpls forwarding
trace	internal trace
te-history	te-history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal msgs

show forwarding internal msgs

Syntax Description

Syntax Description

show	
forwarding	forwarding information
internal	IPFIB internal information
msgs	show IPFIB mts messages

Command Mode

- /exec

show forwarding internal multicast counts

show forwarding internal multicast counts [module <module> vdc <vdc_id>] [__readonly__ <err-str><count>]

Syntax Description

Syntax Description

show	
forwarding	display fib information
internal	internal information
multicast	multicast counters
counts	display counts
module	(Optional) slot
module	(Optional) slot number
vdc	(Optional) vdc id
vdc_id	(Optional) vdc id
__readonly__	(Optional)

Command Mode

- /exec

show forwarding internal multicast counts clear

show forwarding internal multicast counts clear [module <module> vdc <vdc_id>]

Syntax Description

Syntax Description

show	
forwarding	display fib information
internal	internal information
multicast	multicast counters
counts	display counts
clear	clear mfib counts
module	(Optional) slot
module	(Optional) slot number
vdc	(Optional) vdc id
vdc_id	(Optional) vdc id

Command Mode

- /exec

show forwarding internal multicast debugs

show forwarding internal multicast debugs

Syntax Description

Syntax Description

show	
forwarding	forwarding information
internal	IPFIB internal information
multicast	multicast
debugs	show debug traces

Command Mode

- /exec

show forwarding internal multicast pd debugs

show forwarding internal multicast pd debugs

Syntax Description

Syntax Description

show	
forwarding	forwarding information
internal	IPFIB internal information
multicast	multicast
pd	pd
debugs	show debug traces

Command Mode

- /exec

show forwarding internal nve counters

{ show | clear } forwarding internal nve counters { peer { <ipv4> | all } }

Syntax Description

Syntax Description

show	Show running system information
clear	Reset functions
forwarding	Forwarding information
internal	internal information
nve	NVE interface related
all	All peers
counters	Show NVE counters
peer	Show NVE peer counters
ipv4	NVE peer address

Command Mode

- /exec

show forwarding internal nve ir-peer

show forwarding internal nve ir-peer

Syntax Description

Syntax Description

show	Show running system information
forwarding	Forwarding information
internal	internal information
nve	NVE interface related
ir-peer	Show NVE ir peer info

Command Mode

- /exec

show forwarding internal pss disable

show forwarding internal pss disable

Syntax Description

Syntax Description

show	
forwarding	display fib information
internal	internal information
pss	display info from pss
disable	disable

Command Mode

- /exec

show forwarding internal pss enable

show forwarding internal pss enable

Syntax Description

Syntax Description

show	
forwarding	display fib information
internal	internal information
pss	display info from pss
enable	enable

Command Mode

- /exec

show forwarding internal received nexthops

show forwarding internal received nexthops [module <module>]

Syntax Description

Syntax Description

show	
forwarding	display fib information
internal	internal information
received	BGP learnt
nexthops	Nexthops
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace-profile debugs

show forwarding internal trace-profile debugs

Syntax Description

Syntax Description

show	
forwarding	forwarding information
internal	IPFIB internal information
trace-profile	Trace Profile
debugs	show debug traces

Command Mode

- /exec

show forwarding internal trace bt-queue

show forwarding internal trace bt-queue { v4-pfx | v6-pfx | v4-adj | v6-adj | v4-rnh | v6-rnh | vobj | labels | ecmp | mpls-ecmp | mpls-adj | te | otv-adj | otv-vlan | all } + [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
bt-queue	bintrace queue
v4-pfx	v4-pfx
v6-pfx	v6-pfx
v4-adj	v4-adj
v6-adj	v6-adj
v4-rnh	v4-rnh
v6-rnh	v6-rnh
vobj	virtual object
labels	labels
ecmp	ecmp
mpls-ecmp	mpls-ecmp
mpls-adj	mpls-adj
te	te
otv-adj	otv-adj
otv-vlan	otv-vlan
all	Display information for all queues
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace ecmp-config

show forwarding internal trace ecmp-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
ecmp-config	ECMP bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace ecmp-history

show forwarding internal trace ecmp-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
ecmp-history	ECMP history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib oif-config

show forwarding internal trace mfib oif-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
oif-config	oif bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib oif-history

show forwarding internal trace mfib oif-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
oif-history	oif history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib oiflist-config

show forwarding internal trace mfib oiflist-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
oiflist-config	oiflist bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib oiflist-history

show forwarding internal trace mfib oiflist-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
oiflist-history	oiflist history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib otv oif-config

show forwarding internal trace mfib otv oif-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
otv	otv information
oif-config	oif bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib otv oif-history

show forwarding internal trace mfib otv oif-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
otv	otv information
oif-history	oif history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib otv oiflist-history

show forwarding internal trace mfib otv oiflist-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
otv	otv information
oiflist-history	oiflist history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib otv oiflist-config

show forwarding internal trace mfib otv oiflist-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
otv	otv information
oiflist-config	oiflist bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib otv v4-route-history

show forwarding internal trace mfib otv v4-route-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
otv	otv route history
v4-route-history	otv v4 route history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib otv v4-route-config

show forwarding internal trace mfib otv v4-route-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
otv	otv route configuration
v4-route-config	otv v4 route bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib otv v6-route-history

show forwarding internal trace mfib otv v6-route-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
otv	otv route history
v6-route-history	otv v6 route history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib otv v6-route-config

show forwarding internal trace mfib otv v6-route-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
otv	otv route configuration
v6-route-config	otv v6 route bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib platform oiflist-history

show forwarding internal trace mfib platform oiflist-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
mfib	mfib information
platform	platform information
oiflist-history	oiflist history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib platform oiflist-config

show forwarding internal trace mfib platform oiflist-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
mfib	mfib information
platform	platform information
oiflist-config	oiflist bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib v4-route-config

show forwarding internal trace mfib v4-route-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
v4-route-config	V4 route bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib v4-route-history

show forwarding internal trace mfib v4-route-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
v4-route-history	v4 route history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib v6-route-config

show forwarding internal trace mfib v6-route-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
v6-route-config	V6 route bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace mfib v6-route-history

show forwarding internal trace mfib v6-route-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	bintrace information
mfib	mfib information
v6-route-history	v6 route history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace nve-ir-peer-history

show forwarding internal trace nve-ir-peer-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
nve-ir-peer-history	NVE ir-peer history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace nve-l3-vni-history

show forwarding internal trace nve-l3-vni-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
nve-l3-vni-history	NVE L3 VNI history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace nve-peer-history

show forwarding internal trace nve-peer-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
nve-peer-history	NVE peer history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace otv-adj-config

show forwarding internal trace otv-adj-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
otv-adj-config	OTV adjacency bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace otv-adj-history

show forwarding internal trace otv-adj-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
otv-adj-history	OTV adjacency history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace otv-vlan-config

show forwarding internal trace otv-vlan-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
otv-vlan-config	OTV vlan bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace otv-vlan-history

show forwarding internal trace otv-vlan-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
otv-vlan-history	OTV vlan history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace v4-adj-config

show forwarding internal trace v4-adj-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
v4-adj-config	V4 adjacency bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace v4-adj-history

show forwarding internal trace v4-adj-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
v4-adj-history	V4 adjacency history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace v4-pfx-config

show forwarding internal trace v4-pfx-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
v4-pfx-config	V4 prefix bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace v4-pfx-history

show forwarding internal trace v4-pfx-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
v4-pfx-history	V4 prefix history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace v4-rnh-config

show forwarding internal trace v4-rnh-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
v4-rnh-config	V4 rnh bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace v4-rnh-history

show forwarding internal trace v4-rnh-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
v4-rnh-history	V4 rnh history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace v6-adj-config

show forwarding internal trace v6-adj-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
v6-adj-config	V6 adjacency bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace v6-adj-history

show forwarding internal trace v6-adj-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
v6-adj-history	V6 adjacency history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace v6-pfx-config

show forwarding internal trace v6-pfx-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
v6-pfx-config	V6 prefix bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace v6-pfx-history

show forwarding internal trace v6-pfx-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
v6-pfx-history	V6 prefix history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace v6-rnh-config

show forwarding internal trace v6-rnh-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
v6-rnh-config	V6 rnh bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace v6-rnh-history

show forwarding internal trace v6-rnh-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
v6-rnh-history	V6 rnh history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

show forwarding internal trace vobj-config

show forwarding internal trace vobj-config [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
vobj-config	vobj bintrace configuration
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

F Show Commands

show forwarding internal trace vobj-history

show forwarding internal trace vobj-history

show forwarding internal trace vobj-history [module <module>]

Syntax Description

Syntax Description

show	show
forwarding	display fib information
internal	internal information
trace	internal trace
vobj-history	vobj history
module	(Optional) slot
module	(Optional) slot number

Command Mode

- /exec

F Show Commands

220

show forwarding internal tracing disable

show forwarding internal tracing disable

Syntax Description

Syntax Description

show	
forwarding	display fib information
internal	internal information
tracing	tracing
disable	disable

Command Mode

- /exec

show forwarding internal tracing enable

show forwarding internal tracing enable

Syntax Description

Syntax Description

show	
forwarding	display fib information
internal	internal information
tracing	tracing
enable	enable

Command Mode

- /exec

show forwarding internal ufib funcstats disable

show forwarding internal ufib funcstats disable

Syntax Description

Syntax Description

show	
forwarding	display fib information
internal	internal information
ufib	ufib
funcstats	function statistics
disable	disable

Command Mode

- /exec

show forwarding internal ufib funcstats enable

show forwarding internal ufib funcstats enable

Syntax Description

show	
forwarding	display fib information
internal	internal information
ufib	ufib
funcstats	function statistics
enable	enable

Command Mode

- /exec

show forwarding internal unicast consistency-checker

show forwarding internal unicast consistency-checker

Syntax Description

Syntax Description

show	
forwarding	forwarding information
internal	IPFIB internal information
unicast	unicast
consistency-checker	consistency checker debugs

Command Mode

- /exec

show forwarding internal unicast counts

show forwarding internal unicast counts [detail] [vdc { <vdc_id> | all }] [module <module>] [__readonly__ <err-str><count>]

Syntax Description

Syntax Description

show	
forwarding	display fib information
internal	internal information
unicast	unicast counters
counts	display non-zero counts
detail	(Optional) display all counts
module	(Optional) slot
module	(Optional) slot number
vdc	(Optional) vdc id
vdc_id	(Optional) vdc id
all	(Optional) all VDCs active on the module
__readonly__	(Optional)

Command Mode

- /exec

show forwarding internal unicast debugs

show forwarding internal unicast debugs

Syntax Description

Syntax Description

show	
forwarding	forwarding information
internal	IPFIB internal information
unicast	unicast
debugs	show debug traces

Command Mode

- /exec

show forwarding internal unicast ha

show forwarding internal unicast ha

Syntax Description

show	
forwarding	forwarding information
internal	IPFIB internal information
unicast	unicast
ha	HA debugs

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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] [__readonly__ <pkts> <bytes>]

Syntax Description

Syntax Description

show	show
forwarding	forwarding
mpls	mpls forwarding
drop-stats	MPLS dropped packets
platform	(Optional) command to display stats per chip
__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

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 summary

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

Syntax Description

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

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

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

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

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

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 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

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 otv ipv6 multicast route

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

Syntax Description

Syntax Description		
show	show
forwarding	forwarding
otv	over-the-top virtualization
ipv6	ipv6
multicast	Multicast IPv6 information
route	Mcast route information
vlan	(Optional) vlan
vlan_id	(Optional) vlan id
module	(Optional) slot
module	(Optional) slot number
__readonly__	(Optional)
table_type	(Optional) Table Type
vlan-id	(Optional) vlan id
replicator	(Optional) replicator 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

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

Command Mode

- /exec

show forwarding otv multicast outgoing-interface-list

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

Syntax Description

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

Command Mode

- /exec

show forwarding otv multicast route

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

Syntax Description

Syntax Description

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

Command Mode

- /exec

show forwarding otv vlan

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

Syntax Description

Syntax Description

show	show
forwarding	forwarding
otv	otv
vlan	vlan
vlan_id	(Optional) vlan id
module	(Optional) slot
module	(Optional) slot number
__readonly__	(Optional)
vlan	(Optional) vlan

Command Mode

• /exec

show forwarding pss route

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

Syntax Description

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

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

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

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

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

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

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

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

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