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show object-group

show object-group [<name>] [__readonly__ TABLE_ogroup <group_type> <group_name> [TABLE_seqno <seqno> { <_port_op> <port0_num> | <_port_range> <port1_num> <port2_num> | <hostaddr> | <net_ip> | <mask_ip_addr> <mask_ip_mask> | <hostipv6> | <net_ipv6> | <mask_ipv6_addr> <mask_ipv6_mask> }]]

Syntax Description

show	Show running system information
object-group	Show configured ACL object groups
name	(Optional) object-group name
__readonly__	(Optional)
group_type	(Optional) Object group type
group_name	(Optional) Object group name
seqno	(Optional) Sequence number
TABLE_ogroup	(Optional)
TABLE_seqno	(Optional)
_port_op	(Optional) Port operator
_port_range	(Optional) Port range
port0_num	(Optional) Port number
port1_num	(Optional) Port number
port2_num	(Optional) Port number
net_ip	(Optional) A.B.C.D Network address of object-group member
hostaddr	(Optional) A.B.C.D Host address
mask_ip_addr	(Optional) A.B.C.D IP address
mask_ip_mask	(Optional) A.B.C.D IP address mask

Command Mode

- /exec

show openflow hardware capabilities

show openflow hardware capabilities [pipeline <pipeline-id>]

Syntax Description

show	Show running system information
openflow	Show OpenFlow information
hardware	Hardware
capabilities	Capabilities
pipeline	(Optional) Pipeline id
pipeline-id	(Optional) Pipeline id

Command Mode

- /exec

show openflow switch

show openflow switch <switch-id> [{ controllers [stats | { role { master | slave | equal } }] | ports }] [__readonly__ <cli_output> <ctrlv4> <ctrlport>]

Syntax Description

show	Show running system information
openflow	Show OpenFlow information
switch	Logical switch id
switch-id	Logical switch-id to enter
controllers	(Optional) Controllers
stats	(Optional) Stats
ports	(Optional) Ports
role	(Optional) Controller role
master	(Optional) Master
slave	(Optional) Slave
equal	(Optional) Equal
__readonly__	(Optional)
cli_output	(Optional)
ctrlv4	(Optional)
ctrlport	(Optional)

Command Mode

- /exec

show openflow switch flows

show openflow switch <switch-id> flows [[table-id <table-id>] [[pending | pending-del | controller | configured | default | fixed] [brief | list | summary]] | stats | compare statistics { snapshot | report [brief | list] }]

Syntax Description

show	Show running system information
openflow	Show OpenFlow information
switch	Logical switch id
switch-id	Logical switch-id to enter
flows	Flows
brief	(Optional) Brief
summary	(Optional) Summary
pending	(Optional) Pending
pending-del	(Optional) Pending delete
controller	(Optional) Controller
configured	(Optional) Configured
default	(Optional) Default
fixed	(Optional) Fixed
stats	(Optional) Stats
compare	(Optional) Compare Flow Statistics
statistics	(Optional) Flow Statistics
snapshot	(Optional) Create a reference point to compare flow stats counters
report	(Optional) Dump difference of flow stats counters from snapshot
table-id	(Optional) Table-id for the pipeline
list	(Optional) List
table-id	(Optional) Table ID

Command Mode

- /exec

show ospfv3

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_ctx <ptag> <instance_number> <cname> <rid> <stateful_ha> <gr_ha> [[<gr_planned_only>] [<gr_grace_period>] [<gr_state>] [<gr_last_status>]] [<gr_helper_mode>] <support_tos0_only> <support_opaque_lsa> [<low_mem_cond>] <is_abr> <is_asbr> [<max_lsa_non_self_number>] [<max_lsa_state>] [<max_lsa_warning_only>] [<max_lsa_current_non_self_lsa_number>] [<max_lsa_threshold_pct>] [<max_lsa_ignore_time>] [<max_lsa_reset_time>] [<max_lsa_ignore_count>] [<max_lsa_current_ignore_count>] [<max_lsa_ignore_time_left>] [<max_lsa_reset_time_left>] [<max_lsa_permanent_ignore>] [<ipsec_sa_type>] [<ipsec_sa_algorithm>] [<ipsec_sa_spi>] [<ipsec_esp_sa_type>] [<ipsec_esp_sa_encr_algorithm>] [<ipsec_esp_sa_auth_algorithm>] [<ipsec_esp_sa_spi>] [{ TABLE_redist <proto> [<max_lsas>] [<warning>] [<threshold>] [<current_count>] }] <admin_dist> <ref_bw> <spf_start_time> <spf_hold_time> <spf_max_time> <lsa_start_time> <lsa_hold_time> <lsa_max_time> <min_lsa_arr_time> <lsa_aging_pace> <spf_max_paths> <max_metric_adver> [[<max_metric_time_left>] [<max_metric_wait_bgp>] [<max_metric_timeout>] [<max_metric_always>] [<max_metric_sum_lsa>] [<max_metric_ext_lsa>]] <asext_lsa_cnt> <asext_lsa_crc> <area_total> <area_normal> <area_stub> <area_nssa> <act_area_total> <act_area_normal> <act_area_stub> <act_area_nssa> [<name_lookup>] <no_discard_rt_ext> <no_discard_rt_int> [<passive_dflt>] [<bfd_enabled>] [<num_new_lsa_tx>] [<num_new_lsa_rx>] [{ TABLE_area <aname> [<backbone_active>] [<active>] <age> <total_intf> <act_intf> <passive_intf> <loopback_intf> [<gr_nbr_cnt>] <stub> [<stub_def_cost>] <nssa> [<no_redist>] [<nssa_trans>] <no_summary> <spf_runs> <last_spf_run_time> [<ipsec_sa_type>] [<ipsec_sa_algorithm>] [<ipsec_sa_spi>] [<ipsec_esp_sa_type>] [<ipsec_esp_sa_encr_algorithm>] [<ipsec_esp_sa_auth_algorithm>] [<ipsec_esp_sa_spi>] [TABLE_range <addr> <masklen> <state> <nets> <advertise> [<cost>]] [<filter_in>] [<filter_out>] <lsa_cnt> <lsa_crc> }]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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)
TABLE_ctx	(Optional)
ptag	(Optional)
instance_number	(Optional)
cname	(Optional)

rid	(Optional)
stateful_ha	(Optional)
gr_ha	(Optional)
gr_planned_only	(Optional)
gr_grace_period	(Optional)
gr_state	(Optional)
gr_last_status	(Optional)
gr_helper_mode	(Optional)
support_tos0_only	(Optional)
support_opaque_lsa	(Optional)
low_mem_cond	(Optional)
is_abr	(Optional)
is_asbr	(Optional)
max_lsa_non_self_number	(Optional)
max_lsa_state	(Optional)
max_lsa_warning_only	(Optional)
max_lsa_current_non_self_lsa_number	(Optional)
max_lsa_threshold_pct	(Optional)
max_lsa_ignore_time	(Optional)
max_lsa_reset_time	(Optional)
max_lsa_ignore_count	(Optional)
max_lsa_current_ignore_count	(Optional)
max_lsa_ignore_time_left	(Optional)
max_lsa_reset_time_left	(Optional)
max_lsa_permanent_ignore	(Optional)
ipsec_sa_type	(Optional) IPsec SA Type
ipsec_sa_algorithm	(Optional) IPsec SA Algorithm name
ipsec_sa_spi	(Optional) IPsec SA SPI Value
ipsec_esp_sa_type	(Optional) IPsec ESP SA Type

ipsec_esp_sa_encr_algorithm	(Optional) IPsec ESP SA ENCR Algorithm name
ipsec_esp_sa_auth_algorithm	(Optional) IPsec ESP SA AUTH Algorithm name
ipsec_esp_sa_spi	(Optional) IPsec ESP SA SPI Value
TABLE_redist	(Optional)
proto	(Optional)
max_lsas	(Optional)
warning	(Optional)
threshold	(Optional)
current_count	(Optional)
admin_dist	(Optional)
ref_bw	(Optional)
spf_start_time	(Optional)
spf_hold_time	(Optional)
spf_max_time	(Optional)
lsa_start_time	(Optional)
lsa_hold_time	(Optional)
lsa_max_time	(Optional)
min_lsa_arr_time	(Optional)
lsa_aging_pace	(Optional)
spf_max_paths	(Optional)
max_metric_adver	(Optional)
max_metric_time_left	(Optional)
max_metric_wait_bgp	(Optional)
max_metric_timeout	(Optional)
max_metric_always	(Optional)
max_metric_sum_lsa	(Optional)
max_metric_ext_lsa	(Optional)
asext_lsa_cnt	(Optional)
asext_lsa_crc	(Optional)

area_total	(Optional)
area_normal	(Optional)
area_stub	(Optional)
area_nssa	(Optional)
act_area_total	(Optional)
act_area_normal	(Optional)
act_area_stub	(Optional)
act_area_nssa	(Optional)
name_lookup	(Optional)
no_discard_rt_ext	(Optional)
no_discard_rt_int	(Optional)
passive_dflt	(Optional)
bfd_enabled	(Optional)
TABLE_area	(Optional)
aname	(Optional)
backbone_active	(Optional)
active	(Optional)
age	(Optional)
total_intf	(Optional)
act_intf	(Optional)
passive_intf	(Optional)
loopback_intf	(Optional)
gr_nbr_cnt	(Optional)
stub	(Optional)
stub_def_cost	(Optional)
nssa	(Optional)
no_redist	(Optional)
nssa_trans	(Optional)
no_summary	(Optional)

spf_runs	(Optional)
last_spf_run_time	(Optional)
ipsec_sa_type	(Optional) IPsec SA Type
ipsec_sa_algorithm	(Optional) IPsec SA Algorithm name
ipsec_sa_spi	(Optional) IPsec SA SPI Value
ipsec_esp_sa_type	(Optional) IPsec ESP SA Type
ipsec_esp_sa_encr_algorithm	(Optional) IPsec ESP SA ENCR Algorithm name
ipsec_esp_sa_auth_algorithm	(Optional) IPsec ESP SA AUTH Algorithm name
ipsec_esp_sa_spi	(Optional) IPsec ESP SA SPI Value
TABLE_range	(Optional)
masklen	(Optional)
state	(Optional)
nets	(Optional)
advertise	(Optional)
cost	(Optional)
filter_in	(Optional)
filter_out	(Optional)
lsa_cnt	(Optional)
lsa_crc	(Optional)
num_new_lsa_tx	(Optional)
num_new_lsa_rx	(Optional)

Command Mode

- /exec

show ospfv3 border-routers

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] border-routers [all_routes] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_ctx <ptag> <cname> [TABLE_br <type> <addr> <cost> <asbr> <abr> <area> <spf_inst> [<vlink_unresolved>] [TABLE_br_ubest_nh [<ubest_nh_addr>] [<ubest_nh_intf>]] [TABLE_br_mbest_nh [<mbest_nh_addr>] [<mbest_nh_intf>]]]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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
border-routers	Border routers
all_routes	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
__readonly__	(Optional)
TABLE_ctx	(Optional)
ptag	(Optional)
cname	(Optional)
TABLE_br	(Optional)
type	(Optional)
addr	(Optional)
cost	(Optional)
asbr	(Optional)
abr	(Optional)
area	(Optional)
spf_inst	(Optional)
vlink_unresolved	(Optional)

TABLE_br_ubest_nh	(Optional)
ubest_nh_intf	(Optional)
TABLE_br_mbest_nh	(Optional)
mbest_nh_intf	(Optional)

Command Mode

- /exec

show ospfv3 database

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] database [[[[router | network | intra-area-prefix | inter-area { irouter | iprefix } | nssa-external | area-unknown | [[{ link | link-unknown | grace } [<interface>]]]] [area <area-id-ip>]] | external [tag <tag_val>] | as-unknown] [<lsid>] [self-originated | adv-router <advid> | adv-router-name <adv-name>]] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_ctx <rid> <ptag> <cname> [TABLE_db3_lsa [<name>] [<area>] [<id>] [<advrtr>] [<age>] [<seqno>] [<corrupt>] [<rtr_num_links>] [<net_num_rtr>] [<prefix>] [<inter_rid>] [<link_if>] [<intra_ref_type>] [<intra_ref_lsid>]]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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
database	Link-state Database Summary
router	(Optional) Display router LSAs
network	(Optional) Display network LSAs
inter-area	(Optional) Display inter-area LSAs
iprefix	(Optional) Display Inter-Area-Prefix LSAs
irouter	(Optional) Display Inter-Area-Router LSAs
nssa-external	(Optional) Display NSSA-external LSAs
area-unknown	(Optional) Display area-scope unknown LSAs
external	(Optional) Display AS-external LSAs
as-unknown	(Optional) Display as-scope unknown LSAs
grace	(Optional) Display Grace LSAs
link	(Optional) Display Link LSAs
link-unknown	(Optional) Display link-scope unknown LSAs
interface	(Optional) OSPF enabled interface

intra-area-prefix	(Optional) Display Intra-Area-Prefix LSAs
self-originated	(Optional) Display only self-originated LSAs
lsid	(Optional) Restrict display by link state ID
adv-router	(Optional) Restrict display by Advertising router
advid	(Optional) Advertising router ID
adv-router-name	(Optional) Restrict display by Advertising router name
adv-name	(Optional) DNS Name of the Advertising router
area	(Optional) Display only LSA's in this area
area-id-ip	(Optional) Area Id as an integer or ip address
tag	(Optional) Restrict display by tag
tag_val	(Optional) 32-bit tag value
__readonly__	(Optional)
TABLE_ctx	(Optional)
rid	(Optional)
ptag	(Optional)
cname	(Optional)
TABLE_db3_lsa	(Optional)
name	(Optional)
area	(Optional)
id	(Optional)
advrtr	(Optional)
age	(Optional)
seqno	(Optional)
corrupt	(Optional)
rtr_num_links	(Optional)
net_num_rtr	(Optional)
inter_rid	(Optional)
link_if	(Optional)
intra_ref_type	(Optional)

intra_ref_lsid	(Optional)

Command Mode

- /exec

show ospfv3 database database-summary

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] database database-summary [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_ctx <rid> <ptag> <cname> [TABLE_dbsum [TABLE_dbsum_area <area> [TABLE_dbsum_area_lsa <area_lsa_name> <area_lsa_count>] <area_lsa_total>] [TABLE_dbsum_all [TABLE_dbsum_lsa_all <lsa_name> <lsa_count>] <non_self_lsa_total> <lsa_total>]]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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
database	Link-state Database Summary
database-summary	Summary of database
__readonly__	(Optional)
TABLE_ctx	(Optional)
rid	(Optional)
ptag	(Optional)
cname	(Optional)
TABLE_dbsum	(Optional)
TABLE_dbsum_area	(Optional)
area	(Optional)
TABLE_dbsum_area_lsa	(Optional)
area_lsa_name	(Optional)
area_lsa_count	(Optional)
area_lsa_total	(Optional)
TABLE_dbsum_all	(Optional)

TABLE_dbsum_lsa_all	(Optional)
lsa_name	(Optional)
lsa_count	(Optional)
non_self_lsa_total	(Optional)
lsa_total	(Optional)

Command Mode

- /exec

show ospfv3 database detail

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] database [[[router | network | intra-area-prefix | inter-area { irouter | iprefix } | nssa-external | area-unknown | [[{ link | link-unknown | grace } [<interface>]]]] [area <area-id-ip>]] | external [tag <tag_val>] | as-unknown] [<lsid>] [self-originated | adv-router <advid> | adv-router-name <adv-name>] detail [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_ctx <rid> <ptag> <cname> [TABLE_db3_lsa [<name>] [<area>] [TABLE_lsdb <age> <maxage> <wrapping> <dummy> <flush_pending> <type> [<intf>] <id> <advrtr> <seqno> <cksum> <len> [<corrupt>] [<rtr_abr>] [<rtr_asbr>] [<rtr_translate>] [<rtr_vlink_end>] [<rtr_options>] [<rtr_num_links>] [TABLE_rlsa [<rtr_link_type>] [<rtr_link_metric>] [<rtr_link_ifid>] [<rtr_link_nbr_ifid>] [<rtr_link_nbr_rid>]] [<net_options>] [TABLE_nlsa [<net_rtr>]] [<ia_prefix>] [<ia_prefix_options>] [<ia_prefix_metric>] [<ia_rtr_options>] [<ia_rtr_metric>] [<ia_rtr_rid>] [<asext_prefix>] [<asext_options>] [<asext_metric_type2>] [<asext_metric>] [<asext_fwd_addr>] [<asext_tag>] [<asext_ref_lstype>] [<asext_ref_lsid>] [<link_priority>] [<link_options>] [<link_laddr>] [<link_num_prefix>] [TABLE_linklsa [<link_prefix>] [<link_prefix_options>]] [<intra_num_prefix>] [<intra_ref_lstype>] [<intra_ref_lsid>] [<intra_ref_advrtr>] [TABLE_iaplsa [<intra_prefix>] [<intra_prefix_options>] [<intra_prefix_metric>] [<corrupted_length>]] [<tlv_type>] [<tlv_len>] [<tlv_data>] [<tlv_unknown>] [<gr_interval>] [<gr_reason>] [<unknown>] [<data_len>] [<data>]]]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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
database	Link-state Database Summary
router	(Optional) Display router LSAs
network	(Optional) Display network LSAs
inter-area	(Optional) Display inter-area LSAs
iprefix	(Optional) Display Inter-Area-Prefix LSAs
irouter	(Optional) Display Inter-Area-Router LSAs
nssa-external	(Optional) Display NSSA-external LSAs
area-unknown	(Optional) Display area-scope unknown LSAs

external	(Optional) Display AS-external LSAs
as-unknown	(Optional) Display as-scope unknown LSAs
grace	(Optional) Display Grace LSAs
link	(Optional) Display Link LSAs
link-unknown	(Optional) Display link-scope unknown LSAs
interface	(Optional) OSPF enabled interface
intra-area-prefix	(Optional) Display Intra-Area-Prefix LSAs
self-originated	(Optional) Display only self-originated LSAs
lsid	(Optional) Restrict display by link state ID
adv-router	(Optional) Restrict display by Advertising router
advid	(Optional) Advertising router ID
adv-router-name	(Optional) Restrict display by Advertising router name
adv-name	(Optional) DNS Name of the Advertising router
area	(Optional) Display only LSA's in this area
area-id-ip	(Optional) Area Id as an integer or ip address
tag	(Optional) Restrict display by tag
tag_val	(Optional) 32-bit tag value
detail	Display LSA in detail
__readonly__	(Optional)
TABLE_ctx	(Optional)
rid	(Optional)
ptag	(Optional)
cname	(Optional)
TABLE_db3_lsa	(Optional)
name	(Optional)
area	(Optional)
TABLE_lsdb	(Optional)
age	(Optional)
maxage	(Optional)

wrapping	(Optional)
dummy	(Optional)
flush_pending	(Optional)
type	(Optional)
intf	(Optional)
id	(Optional)
advrtr	(Optional)
seqno	(Optional)
cksum	(Optional)
len	(Optional)
corrupt	(Optional)
rtr_abr	(Optional)
rtr_asbr	(Optional)
rtr_translate	(Optional)
rtr_vlink_end	(Optional)
rtr_options	(Optional)
rtr_num_links	(Optional)
TABLE_rlsa	(Optional)
rtr_link_type	(Optional)
rtr_link_metric	(Optional)
rtr_link_ifid	(Optional)
rtr_link_nbr_ifid	(Optional)
rtr_link_nbr_rid	(Optional)
net_options	(Optional)
TABLE_nlsa	(Optional)
net_rtr	(Optional)
ia_prefix_options	(Optional)
ia_prefix_metric	(Optional)
ia_rtr_options	(Optional)

ia_rtr_metric	(Optional)
ia_rtr_rid	(Optional)
asext_options	(Optional)
asext_metric_type2	(Optional)
asext_metric	(Optional)
asext_tag	(Optional)
asext_ref_lstype	(Optional)
asext_ref_lsid	(Optional)
link_priority	(Optional)
link_options	(Optional)
link_num_prefix	(Optional)
TABLE_linklsa	(Optional)
link_prefix_options	(Optional)
intra_num_prefix	(Optional)
intra_ref_lstype	(Optional)
intra_ref_lsid	(Optional)
intra_ref_advrtr	(Optional)
TABLE_iaplsa	(Optional)
intra_prefix_options	(Optional)
intra_prefix_metric	(Optional)
corrupted_length	(Optional)
tlv_type	(Optional)
tlv_len	(Optional)
tlv_data	(Optional)
tlv_unknown	(Optional)
gr_interval	(Optional)
gr_reason	(Optional)
unknown	(Optional)
data_len	(Optional)

data	(Optional)

Command Mode

- /exec

show ospfv3 interface

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] interface [<interface> | vrf { <vrf-name> | <vrf-known-name> | all }] [private] [__readonly__ TABLE_ctx <ptag> <cname> [TABLE_intf <ifname> <admin_status> <proto_status> <addr> [<masklen>] [<inst_id>] <area> [<if_cfg>] <state_str> <type_str> <cost> [<ipsec_sa_type>] [<ipsec_sa_algorithm>] [<ipsec_sa_spi>] [<ipsec_esp_sa_type>] [<ipsec_esp_sa_encr_algorithm>] [<ipsec_esp_sa_auth_algorithm>] [<ipsec_esp_sa_spi>] [<bfd_enabled>] <index> [<passive>] [<mpls>] [<transmit_delay>] [<if_priority>] [<dr_rid>] [<dr_addr>] [<bdr_rid>] [<bdr_addr>] [<nbr_total>] [<nbr_flood>] [<nbr_adjs>] [<gr_nbr>] [<hello_interval>] [<dead_interval>] [<wait_interval>] [<rxmt_interval>] [<hello_timer>] [<wait_timer>] [<lsu_timer>] [<lsack_timer>] [<link_lsa_cnt>] [<link_lsa_crc>] [<multi_area_cnt>] [<multi_area_adj>] [<state_chg_cnt>]]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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	OSPF enabled interface
interface	(Optional) OSPF enabled interface
private	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
__readonly__	(Optional)
TABLE_ctx	(Optional)
ptag	(Optional)
cname	(Optional)
TABLE_intf	(Optional)
ifname	(Optional)
admin_status	(Optional)
proto_status	(Optional)
masklen	(Optional)

inst_id	(Optional)
area	(Optional)
if_cfg	(Optional)
state_str	(Optional)
type_str	(Optional)
cost	(Optional)
ipsec_sa_type	(Optional) IPsec SA Type
ipsec_sa_algorithm	(Optional) IPsec SA Algorithm name
ipsec_sa_spi	(Optional) IPsec SA SPI Value
ipsec_esp_sa_type	(Optional) IPsec ESP SA Type
ipsec_esp_sa_encr_algorithm	(Optional) IPsec ESP SA ENCR Algorithm name
ipsec_esp_sa_auth_algorithm	(Optional) IPsec ESP SA AUTH Algorithm name
ipsec_esp_sa_spi	(Optional) IPsec ESP SA SPI Value
bfd_enabled	(Optional)
index	(Optional)
passive	(Optional)
mpls	(Optional)
transmit_delay	(Optional)
if_priority	(Optional)
dr_rid	(Optional)
bdr_rid	(Optional)
nbr_total	(Optional)
nbr_flood	(Optional)
nbr_adjs	(Optional)
gr_nbr	(Optional)
hello_interval	(Optional)
dead_interval	(Optional)
wait_interval	(Optional)
rxmt_interval	(Optional)

hello_timer	(Optional)
wait_timer	(Optional)
lsu_timer	(Optional)
lsack_timer	(Optional)
link_lsa_cnt	(Optional)
link_lsa_crc	(Optional)
multi_area_cnt	(Optional)
multi_area_adj	(Optional)
state_chg_cnt	(Optional)

Command Mode

- /exec

show ospfv3 interface brief

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] interface brief [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_ctx <ptag> <cname> <intf_count> TABLE_intf <ifname> <index> <area> <cost> <state_str> <nbr_total> <admin_status>]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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	OSPF enabled interface
brief	Display summary of OSPFv3 interfaces
__readonly__	(Optional)
TABLE_ctx	(Optional)
ptag	(Optional)
cname	(Optional)
intf_count	(Optional)
TABLE_intf	(Optional)
ifname	(Optional)
index	(Optional)
area	(Optional)
cost	(Optional)
state_str	(Optional)
nbr_total	(Optional)
admin_status	(Optional)

Command Mode

- /exec

show ospfv3 neighbors

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] neighbors [{ { <interface> [<neighbor> | <neighbor-name>] } | { [<neighbor> | <neighbor-name>] [vrf { <vrf-name> | <vrf-known-name> | all }] } }] [__readonly__ TABLE_ctx <ptag> <cname> <nbrcount> [TABLE_nbr <rid> <priority> <state> <drstate> <uptime> <ifid> <intf> [<multiarea>] <addr>]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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
neighbors	Neighbor list
interface	(Optional) OSPF enabled interface
neighbor	(Optional) Router ID of neighbor
neighbor-name	(Optional) DNS Name of the neighbor
__readonly__	(Optional)
TABLE_ctx	(Optional)
ptag	(Optional)
cname	(Optional)
nbrcount	(Optional)
TABLE_nbr	(Optional)
rid	(Optional)
priority	(Optional)
state	(Optional)
drstate	(Optional)
uptime	(Optional)

ifid	(Optional)
intf	(Optional)
multiarea	(Optional)

Command Mode

- /exec

show ospfv3 neighbors detail

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] neighbors [<interface>] [<neighbor>] detail [vrf { <vrf-name> | <vrf-known-name> | all }] [private] [__readonly__ TABLE_ctx <ptag> <cname> [TABLE_nbr <rid> <addr> <area> <intf> <state> <transition> <lastchange> [<bfd_state>] [<priority>] [<ifid>] [<dr>] [<bdr>] [<master>] [<seqno>] [<dbdallsentacked>] [<dbdallsent>] [<dbdallacked>] [<lsaonreqlist>] [<lsafromlastreq>] [<lsreqrxmts>] <helloptions> <dbdoptions> <lastnonhello> [<deadtimer>] [<pacingtimer>] [<dbdrxmtimer>] [<reqrxmtimer>] [<lsutimer>] [<rerxmtimer>] [<fastrerxmtimer>] [<lsacktimer>] [<grtimer>] [<helpermode>] [<helpercand>] [<helperterm>] [<senddbd>] [<sendlsreq>] [<sendlsu>] [<sendlsurxmt>] [<sendlsack>] [<sendlsreqreply>] [<sradjsid>] [<sradjflags>]]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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
neighbors	Neighbor list
interface	(Optional) OSPF enabled interface
neighbor	(Optional) Router ID of neighbor
detail	Show detailed neighbor display
private	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
__readonly__	(Optional)
TABLE_ctx	(Optional)
ptag	(Optional)
cname	(Optional)
TABLE_nbr	(Optional)
rid	(Optional)
area	(Optional)

intf	(Optional)
state	(Optional)
transition	(Optional)
lastchange	(Optional)
bfd_state	(Optional)
priority	(Optional)
ifid	(Optional)
dr	(Optional)
bdr	(Optional)
master	(Optional)
seqno	(Optional)
dbdallsentacked	(Optional)
dbdallsent	(Optional)
dbdallacked	(Optional)
lsaonreqlist	(Optional)
lsafromlastreq	(Optional)
lsreqrxmts	(Optional)
helloptions	(Optional)
dbdoptions	(Optional)
lastnonhello	(Optional)
deadtimer	(Optional)
pacingtimer	(Optional)
dbdrxmtimer	(Optional)
reqrxmtimer	(Optional)
lsutimer	(Optional)
rerxmtimer	(Optional)
fastrerxmtimer	(Optional)
lsacktimer	(Optional)
grtimer	(Optional)

helpermode	(Optional)
helpercand	(Optional)
helperterm	(Optional)
senddbd	(Optional)
sendlsreq	(Optional)
sendlsu	(Optional)
sendlsurxmt	(Optional)
sendlsack	(Optional)
sendlsreqreply	(Optional)
sradjsid	(Optional)
sradjflags	(Optional)

Command Mode

- /exec

show ospfv3 neighbors summary

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] neighbors [<interface>] summary [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_ctx <ptag> <cname> TABLE_intf { <ifname> | <total> } <down> <attempt> <init> <twoway> <exstart> <exchange> <loading> <full> <if_total>]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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
neighbors	Neighbor list
interface	(Optional) OSPF enabled interface
summary	Summary of neighbors
__readonly__	(Optional)
TABLE_ctx	(Optional)
ptag	(Optional)
cname	(Optional)
TABLE_intf	(Optional)
ifname	(Optional)
total	(Optional)
down	(Optional)
attempt	(Optional)
init	(Optional)
twoway	(Optional)
exstart	(Optional)

exchange	(Optional)
loading	(Optional)
full	(Optional)
if_total	(Optional)

Command Mode

- /exec

show ospfv3 request-list

show [ipv6] ospfv3 [<tag>] request-list { <ip-addr> | <neighbor-name> } <interface> [__readonly__ [TABLE_ctx <ptag> <cname> [TABLE_lsreq <nbr_rid> <intf> <nbr_addr> <total> [TABLE_lsa [<type>] [<lsid>] [<advrtr>] [<seqno>] [<cksum>] [<age>]]]]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
request-list	Link state request list
interface	OSPF enabled interface
ip-addr	Neighbor router ID
neighbor-name	DNS Name of the neighbor
__readonly__	(Optional)
TABLE_ctx	(Optional)
ptag	(Optional)
cname	(Optional)
TABLE_lsreq	(Optional)
nbr_rid	(Optional)
intf	(Optional)
total	(Optional)
TABLE_lsa	(Optional)
type	(Optional)
lsid	(Optional)
advrtr	(Optional)
seqno	(Optional)
cksum	(Optional)
age	(Optional)

Command Mode

- /exec

show ospfv3 retransmission-list

show [ipv6] ospfv3 [<tag>] retransmission-list { <routerid> | <router-name> } <interface> [__readonly__ [TABLE_ctx <ptag> <cname> [TABLE_rxmit <nbr_rid> <intf> <nbr_addr> [<timer_running>] [<timer_due>] [TABLE_lsa [<type>] [<lsid>] [<advrtr>] [<seqno>] [<cksum>] [<age>]]]]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
retransmission-list	Link state retransmission list
routerid	Neighbor router ID
router-name	DNS Name of the router
interface	OSPF enabled interface
__readonly__	(Optional)
TABLE_ctx	(Optional)
ptag	(Optional)
cname	(Optional)
TABLE_rxmit	(Optional)
nbr_rid	(Optional)
intf	(Optional)
timer_running	(Optional)
timer_due	(Optional)
TABLE_lsa	(Optional)
type	(Optional)
lsid	(Optional)
advrtr	(Optional)
seqno	(Optional)
cksum	(Optional)
age	(Optional)

Command Mode

- /exec

show ospfv3 route

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] route [<ipv6-prefix> [longer-prefixes]] [all_routes] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_ctx <ptag> <cname> [<hdr_addr>] [<hdr_masklen>] [TABLE_route <addr> <masklen> <type> [<in_ulib>] <in_rib> <direct> [<area>] [<tag>] [<vlink_unresolved>] [TABLE_route_ubest_nh [<ubest_nh_addr>] [<ubest_nh_intf>] [<ubest_cost>] [<distance>] [<ubest_nh_direct>] [<ubest_nh_sham_link>] [<ubest_nh_te_tun>] [<ubest_nh_in_rib>]] [TABLE_route_mbest_nh [<mbest_nh_addr>] [<mbest_nh_intf>] [<mbest_cost>] [<mbest_nh_direct>] [<mbest_nh_in_rib>]]]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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
route	Internal OSPF routes
longer-prefixes	(Optional) Show exact match and more specific routes
all_routes	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
tag	(Optional)
__readonly__	(Optional)
TABLE_ctx	(Optional)
ptag	(Optional)
cname	(Optional)
hdr_masklen	(Optional)
TABLE_route	(Optional)
masklen	(Optional)
type	(Optional)
in_ulib	(Optional)
in_rib	(Optional)

direct	(Optional)
area	(Optional)
vlink_unresolved	(Optional)
TABLE_route_ubest_nh	(Optional)
ubest_nh_intf	(Optional)
ubest_cost	(Optional)
distance	(Optional)
ubest_nh_direct	(Optional)
ubest_nh_sham_link	(Optional)
ubest_nh_te_tun	(Optional)
ubest_nh_in_rib	(Optional)
TABLE_route_mbest_nh	(Optional)
mbest_nh_intf	(Optional)
mbest_cost	(Optional)
mbest_nh_direct	(Optional)
mbest_nh_in_rib	(Optional)

Command Mode

- /exec

show ospfv3 route summary

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] route [<ipv6-prefix> [longer-prefixes]] summary [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_ctx <ptag> <cname> [TABLE_route <total_routes> <total_paths> [TABLE_route_type <path_type> <path_routes> <path_paths>] [TABLE_route_masklen <masklen> <masklen_routes> <masklen_paths>]]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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
route	Internal OSPF routes
longer-prefixes	(Optional) Show exact match and more specific routes
summary	Show route counts
__readonly__	(Optional)
TABLE_ctx	(Optional)
ptag	(Optional)
cname	(Optional)
TABLE_route	(Optional)
total_routes	(Optional)
total_paths	(Optional)
TABLE_route_type	(Optional)
path_type	(Optional)
path_routes	(Optional)
path_paths	(Optional)
TABLE_route_masklen	(Optional)

masklen	(Optional)
masklen_routes	(Optional)
masklen_paths	(Optional)

Command Mode

- /exec

show ospfv3 statistics

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] statistics [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_stats <ptag> <cname> <last_clear> <rid_change> <dr_elections> <older_lsa_recv> <nbr_state_change> <nbr_dead_postpone> <nbr_dead_expire> <nbr_bad_lsreq> <nbr_seqno_mismatch> <spf_full> <spf_summary> <spf_external> <spf_extsummary> <rtr_generate> <rtr_refresh> <rtr_flush> <rtr_other_flush> <net_generate> <net_refresh> <net_flush> <net_other_flush> <inter_prefix_generate> <inter_prefix_refresh> <inter_prefix_flush> <inter_prefix_other_flush> <inter_router_generate> <inter_router_refresh> <inter_router_flush> <inter_router_other_flush> <asext_generate> <asext_refresh> <asext_flush> <asext_other_flush> <link_generate> <link_refresh> <link_flush> <link_other_flush> <intra_prefix_generate> <intra_prefix_refresh> <intra_prefix_flush> <intra_prefix_other_flush> <unknown_generate> <unknown_refresh> <unknown_flush> <unknown_other_flush> <limbo_lsa_count> <limbo_lsa_hwm> <limbo_lsa_deleted> <limbo_lsa_revived> <limbo_runs> <limbo_lsa_last_time_hwm> [<limbo_timer>] <helloq_size> <helloq_max_size> <helloq_hwm> <helloq_drops> <helloq_last_hwm_time> <floodq_size> <floodq_max_size> <floodq_hwm> <floodq_drops> <floodq_last_hwm_time> <lsdb_add_fail> [TABLE_buffer_detail [<buf_size>] [<buf_size_huge>] <buf_in_use> <buf_hwm> <buf_perm> <buf_alloc> <buf_free>]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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
statistics	Event counters
__readonly__	(Optional)
TABLE_stats	(Optional)
ptag	(Optional)
cname	(Optional)
last_clear	(Optional)
rid_change	(Optional)
dr_elections	(Optional)
older_lsa_recv	(Optional)

nbr_state_change	(Optional)
nbr_dead_postpone	(Optional)
nbr_dead_expire	(Optional)
nbr_bad_lsreq	(Optional)
nbr_seqno_mismatch	(Optional)
spf_full	(Optional)
spf_summary	(Optional)
spf_external	(Optional)
spf_extsummary	(Optional)
rtr_generate	(Optional)
rtr_refresh	(Optional)
rtr_flush	(Optional)
rtr_other_flush	(Optional)
net_generate	(Optional)
net_refresh	(Optional)
net_flush	(Optional)
net_other_flush	(Optional)
inter_prefix_generate	(Optional)
inter_prefix_refresh	(Optional)
inter_prefix_flush	(Optional)
inter_prefix_other_flush	(Optional)
inter_router_generate	(Optional)
inter_router_refresh	(Optional)
inter_router_flush	(Optional)
inter_router_other_flush	(Optional)
asext_generate	(Optional)
asext_refresh	(Optional)
asext_flush	(Optional)
asext_other_flush	(Optional)

link_generate	(Optional)
link_refresh	(Optional)
link_flush	(Optional)
link_other_flush	(Optional)
intra_prefix_generate	(Optional)
intra_prefix_refresh	(Optional)
intra_prefix_flush	(Optional)
intra_prefix_other_flush	(Optional)
unknown_generate	(Optional)
unknown_refresh	(Optional)
unknown_flush	(Optional)
unknown_other_flush	(Optional)
limbo_lsa_count	(Optional)
limbo_lsa_hwm	(Optional)
limbo_lsa_deleted	(Optional)
limbo_lsa_revived	(Optional)
limbo_runs	(Optional)
limbo_lsa_last_time_hwm	(Optional)
limbo_timer	(Optional)
helloq_size	(Optional)
helloq_max_size	(Optional)
helloq_hwm	(Optional)
helloq_drops	(Optional)
helloq_last_hwm_time	(Optional)
floodq_size	(Optional)
floodq_max_size	(Optional)
floodq_hwm	(Optional)
floodq_drops	(Optional)
floodq_last_hwm_time	(Optional)

lsdb_add_fail	(Optional)
TABLE_buffer_detail	(Optional)
buf_size	(Optional)
buf_size_huge	(Optional)
buf_in_use	(Optional)
buf_hwm	(Optional)
buf_perm	(Optional)
buf_alloc	(Optional)
buf_free	(Optional)

Command Mode

- /exec

show ospfv3 summary-address

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] summary-address [private] [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ [TABLE_ctx <ptag> <cname> <rid> [TABLE_sum <addr> <masklen> [<metric>] [<tag>] [<pending>]]]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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
summary-address	Summary-address redistribution information
private	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
tag	(Optional)
__readonly__	(Optional)
TABLE_ctx	(Optional)
ptag	(Optional)
cname	(Optional)
rid	(Optional)
TABLE_sum	(Optional)
masklen	(Optional)
metric	(Optional)
pending	(Optional)

Command Mode

- /exec

show ospfv3 traffic

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] traffic [<interface> [detail] | [detail] | [detail] vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_traf <ptag> <cname> <last_clear> [<ifname>] <pkt_in> <pkt_out> <lsu_first_trans> <lsu_retrans> <lsu_for_lsreq> <lsu_nbr_trans> <throttle_out> <throttle_out_token> <throttle_out_ip> <lsa_ignored> <lsa_dropped_spf> <lsa_dropped_gr> <pkt_drops_in> <pkt_drops_out> <pkt_errors_in> <pkt_errors_out> <hello_errors_in> <dbds_errors_in> <lsreqs_errors_in> <lsus_errors_in> <lsacks_errors_in> <pkt_unknown_in> <pkt_unknown_out> <pkt_no_ospf_intf> <bad_version> <bad_crc> <dup_rtr_id> <dup_src_addr> <invalid_src_addr> <invalid_dst_addr> <non_existing_nbr> <pkt_passive_intf> <wrong_area> <invalid_pkt_len> <nbr_changed_routerid_ipaddr> <nbr_changed_interfaceid> [<bad_auth>] [<bad_reserved>] [<pkt_no_vrf>] <hellos_in> <dbds_in> <lsreqs_in> <lsus_in> <lsacks_in> <hellos_out> <dbds_out> <lsreqs_out> <lsus_out> <lsacks_out> [<hellos_in_hq> <dbds_in_hq> <lsreqs_in_flq> <lsus_in_flq> <lsacks_in_flq> <lsas_in_dbds_in> <lsas_in_lsreqs_in> <lsas_in_lsus_in> <lsas_in_lsacks_in> <lsas_in_dbds_out> <lsas_in_lsreqs_out> <lsas_in_lsus_out> <lsas_in_lsacks_out> <lsas_in_rxmt_lsus_out>]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
interface	(Optional) OSPF enabled interface
detail	(Optional) Display detailed information
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
traffic	Packet counters
__readonly__	(Optional)
TABLE_traf	(Optional)
ptag	(Optional)
cname	(Optional)
last_clear	(Optional)
ifname	(Optional)
pkt_in	(Optional)

pkt_out	(Optional)
lsu_first_trans	(Optional)
lsu_retrans	(Optional)
lsu_for_lsreq	(Optional)
lsu_nbr_trans	(Optional)
throttle_out	(Optional)
throttle_out_token	(Optional)
throttle_out_ip	(Optional)
lsa_ignored	(Optional)
lsa_dropped_spf	(Optional)
lsa_dropped_gr	(Optional)
pkt_drops_in	(Optional)
pkt_drops_out	(Optional)
pkt_errors_in	(Optional)
pkt_errors_out	(Optional)
hello_errors_in	(Optional)
dbds_errors_in	(Optional)
lsreqs_errors_in	(Optional)
lsus_errors_in	(Optional)
lsacks_errors_in	(Optional)
pkt_unknown_in	(Optional)
pkt_unknown_out	(Optional)
pkt_no_ospf_intf	(Optional)
bad_version	(Optional)
bad_crc	(Optional)
dup_rtr_id	(Optional)
dup_src_addr	(Optional)
invalid_src_addr	(Optional)
invalid_dst_addr	(Optional)

non_existing_nbr	(Optional)
pkt_passive_intf	(Optional)
wrong_area	(Optional)
invalid_pkt_len	(Optional)
nbr_changed_routerid_ipaddr	(Optional)
nbr_changed_interfaceid	(Optional)
bad_auth	(Optional)
bad_reserved	(Optional)
pkt_no_vrf	(Optional)
hellos_in	(Optional)
dbds_in	(Optional)
lsreqs_in	(Optional)
lsus_in	(Optional)
lsacks_in	(Optional)
hellos_out	(Optional)
dbds_out	(Optional)
lsreqs_out	(Optional)
lsus_out	(Optional)
lsacks_out	(Optional)
hellos_in_hq	(Optional)
dbds_in_hq	(Optional)
lsreqs_in_flq	(Optional)
lsus_in_flq	(Optional)
lsacks_in_flq	(Optional)
lsas_in_dbds_in	(Optional)
lsas_in_lsreqs_in	(Optional)
lsas_in_lsus_in	(Optional)
lsas_in_lsacks_in	(Optional)
lsas_in_dbds_out	(Optional)

lsas_in_lsreqs_out	(Optional)
lsas_in_lsus_out	(Optional)
lsas_in_lsacks_out	(Optional)
lsas_in_rxmt_lsus_out	(Optional)

Command Mode

- /exec

show ospfv3 virtual-links

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] virtual-links [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_ctx <ptag> <cname> [TABLE_vlink <name> <nbr_rid> <if_state> <transit_area> <nh_intf> <nbr_addr> [<transit_area_stub>] [<transit_area_nssa>] <addr> [<masklen>] <inst_id> <area> [<if_cfg>] <state_str> <type_str> <cost> [<ipsec_sa_type>] [<ipsec_sa_algorithm>] [<ipsec_sa_spi>] [<ipsec_esp_sa_type>] [<ipsec_esp_sa_encr_algorithm>] [<ipsec_esp_sa_auth_algorithm>] [<ipsec_esp_sa_spi>] <index> [<passive>] [<mpls>] [<transmit_delay>] [<if_priority>] [<dr_rid>] [<dr_addr>] [<bdr_rid>] [<bdr_addr>] [<nbr_total>] [<nbr_flood>] [<nbr_adjs>] [<gr_nbr>] [<hello_interval>] [<dead_interval>] [<wait_interval>] [<rxmt_interval>] [<hello_timer>] [<wait_timer>] [<pacing_timer>] [<lsu_timer>] [<lsack_timer>] [<netlsa_throt_timer>] [<link_lsa_cnt>] [<link_lsa_crc>] [<state>] [<transition>] [<lastchange>] [<priority>] [<ifid>] [<dr>] [<bdr>] [<master>] [<seqno>] [<dbdallsentacked>] [<dbdallsent>] [<dbdallacked>] [<lsaonreqlist>] [<lsafromlastreq>] [<lsreqrxmts>] [<helloptions>] [<dbdoptions>] [<lastnonhello>] [<deadtimer>] [<pacingtimer>] [<dbdrxmtimer>] [<reqrxmtimer>] [<lsutimer>] [<rerxmtimer>] [<fastrerxmtimer>] [<lsacktimer>] [<grtimer>] [<helpermode>] [<helpercand>] [<helperterm>] [<senddbd>] [<sendlsreq>] [<sendlsu>] [<sendlsurxmt>] [<sendlsack>] [<sendlsreqreply>]]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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
virtual-links	Virtual link information
__readonly__	(Optional)
TABLE_ctx	(Optional)
ptag	(Optional)
cname	(Optional)
TABLE_vlink	(Optional)
name	(Optional)
nbr_rid	(Optional)
if_state	(Optional)

transit_area	(Optional)
nh_intf	(Optional)
transit_area_stub	(Optional)
transit_area_nssa	(Optional)
masklen	(Optional)
inst_id	(Optional)
area	(Optional)
if_cfg	(Optional)
state_str	(Optional)
type_str	(Optional)
cost	(Optional)
ipsec_sa_type	(Optional) IPsec SA Type
ipsec_sa_algorithm	(Optional) IPsec SA Algorithm name
ipsec_sa_spi	(Optional) IPsec SA SPI Value
ipsec_esp_sa_type	(Optional) IPsec ESP SA Type
ipsec_esp_sa_encr_algorithm	(Optional) IPsec ESP SA ENCR Algorithm name
ipsec_esp_sa_auth_algorithm	(Optional) IPsec ESP SA AUTH Algorithm name
ipsec_esp_sa_spi	(Optional) IPsec ESP SA SPI Value
index	(Optional)
passive	(Optional)
mpls	(Optional)
transmit_delay	(Optional)
if_priority	(Optional)
dr_rid	(Optional)
bdr_rid	(Optional)
nbr_total	(Optional)
nbr_flood	(Optional)
nbr_adjs	(Optional)
gr_nbr	(Optional)

hello_interval	(Optional)
dead_interval	(Optional)
wait_interval	(Optional)
rxmt_interval	(Optional)
hello_timer	(Optional)
wait_timer	(Optional)
pacing_timer	(Optional)
lsu_timer	(Optional)
lsack_timer	(Optional)
netlsa_throt_timer	(Optional)
link_lsa_cnt	(Optional)
link_lsa_crc	(Optional)
state	(Optional)
transition	(Optional)
lastchange	(Optional)
priority	(Optional)
ifid	(Optional)
dr	(Optional)
bdr	(Optional)
master	(Optional)
seqno	(Optional)
dbdallsentacked	(Optional)
dbdallsent	(Optional)
dbdallacked	(Optional)
lsaonreqlist	(Optional)
lsafromlastreq	(Optional)
lsreqrxmts	(Optional)
helloptions	(Optional)
dbdoptions	(Optional)

lastnonhello	(Optional)
deadtimer	(Optional)
pacingtimer	(Optional)
dbdrxmtimer	(Optional)
reqrxmtimer	(Optional)
lsutimer	(Optional)
rerxmtimer	(Optional)
fastrerxmtimer	(Optional)
lsacktimer	(Optional)
grtimer	(Optional)
helpermode	(Optional)
helpercand	(Optional)
helperterm	(Optional)
senddbd	(Optional)
sendlsreq	(Optional)
sendlsu	(Optional)
sendlsurxmt	(Optional)
sendlsack	(Optional)
sendlsreqreply	(Optional)

Command Mode

- /exec

show ospfv3 virtual-links brief

show [ipv6] ospfv3 [<tag>] [vrf { <vrf-name> | <vrf-known-name> | all }] virtual-links brief [vrf { <vrf-name> | <vrf-known-name> | all }] [__readonly__ TABLE_ctx <ptag> <cname> <vlink_count> [TABLE_vlink <nbr_rid> <vlink_num> <transit_area> <cost> <if_state>]]

Syntax Description

show	Show running system information
ipv6	(Optional) Display IPv6 information
ospfv3	Display OSPFv3 status and configuration
tag	(Optional) Process tag
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
virtual-links	Virtual link information
brief	Display summary of OSPFv3 virtual links
__readonly__	(Optional)
TABLE_ctx	(Optional)
ptag	(Optional)
cname	(Optional)
vlink_count	(Optional)
TABLE_vlink	(Optional)
nbr_rid	(Optional)
vlink_num	(Optional)
transit_area	(Optional)
cost	(Optional)
if_state	(Optional)

Command Mode

- /exec

show otv isis

show otv isis [<otv-isis-tag>] [vpn { <vrf-name> | all }] [process | protocol] [vpn { <vrf-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> <mcast-encap-type-out> { TABLE_vrf <vrf-name-out> <system-id-out> <is-type-out> <otv-version-out> <interop-flag-out> <sap-out> <qh-out> <mtu-out> <gr-status-out> <gr-state-out> <last-gr-status-out> <metric-send-out> <metric-accept-out> <area-addr-out> <proc-state-out> [<proc-state-net-out>] [<proc-state-vpn-out>] [<proc-state-mem-out>] [<proc-state-seq-wrap-out>] <vrf-id-out> [{ TABLE_intf <intf-name-out> }] [<auth-out>] [<auth-chk-out>] [<auth-kchain-out>] [{ TABLE_redist <max_redist> <warning> <threshold> <current_count> }] [{ TABLE_afi_safi <afi-safi-out> <intf-num-out> <adj-check-out> [{ TABLE_redist_proc <redist-pib-out> <redist-rpm-out> }] [{ TABLE_leak <dist-src-lvl-out> <dist-dest-lvl-out> <dist-leak-all-out> <dist-rpm-out> }] <admin-dist-out> <tib-id-out> }] <aed-capability-out> <aed-priority-out> <aed-srv-elected-out> <aed-state-out> <aed-elected-oper-out> <aed-backup-srv-out> <aed-backup-state-out> <aed-backup-elected-oper-out> } }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) Display information for all VRFs
process	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
protocol	(Optional) Display IS-IS process information
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
mcast-encap-type-out	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
TABLE_afi_safi	(Optional)
afi-safi-out	(Optional)
system-id-out	(Optional)
is-type-out	(Optional)

otv-version-out	(Optional)
interop-flag-out	(Optional)
sap-out	(Optional)
qh-out	(Optional)
mtu-out	(Optional)
gr-status-out	(Optional)
gr-state-out	(Optional)
last-gr-status-out	(Optional)
metric-send-out	(Optional)
metric-accept-out	(Optional)
area-addr-out	(Optional)
proc-state-out	(Optional)
proc-state-net-out	(Optional)
proc-state-vpn-out	(Optional)
proc-state-mem-out	(Optional)
proc-state-seq-wrap-out	(Optional)
vrf-id-out	(Optional)
TABLE_intf	(Optional)
intf-name-out	(Optional)
auth-out	(Optional)
auth-chk-out	(Optional)
auth-kchain-out	(Optional)
TABLE_redist	(Optional)
max_redist	(Optional)
warning	(Optional)
threshold	(Optional)
current_count	(Optional)
intf-num-out	(Optional)
adj-check-out	(Optional)

TABLE_redist_proc	(Optional)
redist-pib-out	(Optional)
redist-rpm-out	(Optional)
TABLE_leak	(Optional)
dist-src-lvl-out	(Optional)
dist-dest-lvl-out	(Optional)
dist-leak-all-out	(Optional)
dist-rpm-out	(Optional)
admin-dist-out	(Optional)
tib-id-out	(Optional)
aed-capability-out	(Optional)
aed-priority-out	(Optional)
aed-srv-elected-out	(Optional)
aed-state-out	(Optional)
aed-elected-oper-out	(Optional)
aed-backup-srv-out	(Optional)
aed-backup-state-out	(Optional)
aed-backup-elected-oper-out	(Optional)

Command Mode

- /exec

show otv isis active-source

show otv isis [<otv-isis-tag>] active-source [vlan <vlan-id> [group <gip-addr> [source <sip-addr>]]] [summary] [vpn { <vrf-name> | all }] [__readonly__ TABLE_process_tag <process-tag-out> <vrf-name-out> [<af-string-out>] [TABLE_mroute <source-out> <vlan-id-out> <group-out> [TABLE_adj <interface-name-out> <iod-out> <site-index-out> <unicast-only-key-out>] [TABLE_active_source <interface-name-out> <iod-out> <site-index-out> <unicast-only-key-out> <source-and-group-addr-out>]]]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
active-source	Display IS-IS Active-source information
vlan	(Optional) Display IS-IS VLAN information
vlan-id	(Optional) Display IS-IS VLAN information
group	(Optional) Display IS-IS Group information
source	(Optional) Display IS-IS Source information
gip-addr	(Optional) Display single IP redistribute route
sip-addr	(Optional) Display single IP redistribute route
summary	(Optional) Display route counts
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
vrf-name-out	(Optional)
af-string-out	(Optional)
TABLE_mroute	(Optional)
source-out	(Optional)

vlan-id-out	(Optional)
group-out	(Optional)
TABLE_adj	(Optional)
interface-name-out	(Optional)
iod-out	(Optional)
site-index-out	(Optional)
unicast-only-key-out	(Optional)
TABLE_active_source	(Optional)
interface-name-out	(Optional)
iod-out	(Optional)
site-index-out	(Optional)
unicast-only-key-out	(Optional)
source-and-group-addr-out	(Optional)

Command Mode

- /exec

show otv isis adjacency

show otv isis [<otv-isis-tag>] adjacency [<interface>] { [system-id <sid>] | [detail] | [summary] } [vpn { <vrf-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> <adj-summary-out> <adj-interface-out> [<adj-interface-name-out>] [{ TABLE_process_adj <adj-sys-name-out> <adj-sys-id-out> [<adj-usage-out>] [<adj-level-out>] <adj-state-out> <adj-hold-time-out> <adj-intf-name-out> <adj-site-out> <adj-detail-set-out> [{ <adj-transitions-out> <adj-flap-out> [<adj-flap-time-out>] <adj-ckt-type-out> <adj-ipv4-addr-out> <adj-ipv6-addr-out> <adj-bcast-out> [{ <adj-ckt-id-out> <adj-lan-prio-out> }] <adj-resurrect-out> [{ <adj-resurrect-count-out> <adj-resurrect-hwm-out> }] }] }] [{ TABLE_lan_adj_sum <adj-summ-lan-level-out> <adj-summ-lan-state-out> <adj-summ-lan-count-out> }] } }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
adjacency	Display IS-IS adjacency information
interface	(Optional) IS-IS interface
system-id	(Optional) Hostname or System ID
sid	(Optional) Hostname or System ID (in the form of XXXX.XXXX.XXXX)
detail	(Optional) Display IS-IS adjacency detail information
summary	(Optional) Display IS-IS adjacency summary information
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
adj-summary-out	(Optional)
adj-interface-out	(Optional)

adj-interface-name-out	(Optional)
TABLE_process_adj	(Optional)
adj-sys-name-out	(Optional)
adj-sys-id-out	(Optional)
adj-usage-out	(Optional)
adj-level-out	(Optional)
adj-state-out	(Optional)
adj-hold-time-out	(Optional)
adj-intf-name-out	(Optional)
adj-site-out	(Optional)
adj-detail-set-out	(Optional)
adj-transitions-out	(Optional)
adj-flap-out	(Optional)
adj-flap-time-out	(Optional)
adj-ckt-type-out	(Optional)
adj-ipv4-addr-out	(Optional)
adj-ipv6-addr-out	(Optional)
adj-bcast-out	(Optional)
adj-ckt-id-out	(Optional)
adj-lan-prio-out	(Optional)
adj-resurrect-out	(Optional)
adj-resurrect-count-out	(Optional)
adj-resurrect-hwm-out	(Optional)
TABLE_lan_adj_sum	(Optional)
adj-summ-lan-level-out	(Optional)
adj-summ-lan-state-out	(Optional)
adj-summ-lan-count-out	(Optional)

Command Mode

- /exec

show otv isis aed-svr-req local

show otv isis [<otv-isis-tag>] aed-svr-req { local | remote } [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> [{ TABLE_aed_svr_req_local <overlay-iod-out> <cluster-id-out> <partition-id-out> <device-id-out> <old-aed-out> <old-aed-backup-out> <new-aed-out> <new-aed-backup-out> <site-id-out> <delete-flag-out> <version-out> <start-vlan-id-out> <end-vlan-id-out> <step-size-out> }] [{ TABLE_aed_svr_req_remote <overlay-iod-out> <cluster-id-out> <partition-id-out> <device-id-out> <old-aed-out> <old-aed-backup-out> <new-aed-out> <new-aed-backup-out> <site-id-out> <vlan-id-out> <version-out> <delete-flag-out> }] } }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
aed-svr-req	Display aed svr req Info
local	local
remote	remote
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
TABLE_aed_svr_req_local	(Optional)
overlay-iod-out	(Optional)
cluster-id-out	(Optional)
partition-id-out	(Optional)
device-id-out	(Optional)
old-aed-out	(Optional)
old-aed-backup-out	(Optional)
new-aed-out	(Optional)
new-aed-backup-out	(Optional)
site-id-out	(Optional)

delete-flag-out	(Optional)
version-out	(Optional)
start-vlan-id-out	(Optional)
end-vlan-id-out	(Optional)
step-size-out	(Optional)
TABLE_aed_svr_req_remote	(Optional)
overlay-iod-out	(Optional)
cluster-id-out	(Optional)
partition-id-out	(Optional)
device-id-out	(Optional)
old-aed-out	(Optional)
old-aed-backup-out	(Optional)
new-aed-out	(Optional)
new-aed-backup-out	(Optional)
site-id-out	(Optional)
vlan-id-out	(Optional)
version-out	(Optional)
delete-flag-out	(Optional)

Command Mode

- /exec

show otv isis database

show otv isis [<otv-isis-tag>] [site] database [mgroup] [detail | advertise | summary] [<lid>] { [zero-sequence] | [adjacency <adj-id>] } [vpn { <vrf-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> [<dbase-hname-absent-out>] [{ TABLE_process_lvl <dbase-level-out> [{ TABLE_process_lsp <dbase-lsp-name-out> <dbase-lsp-status-out> <dbase-lsp-absent-out> [{ <dbase-lsp-seqnum-out> <dbase-lsp-cksum-out> [<dbase-lsp-lifetime-str-out>] [<dbase-lsp-lifetime-out>] <dbase-att-out> <dbase-partition-out> <dbase-overload-out> <dbase-istype-out> }] [{ <dbase-lsp-instance-out> [{ TABLE_process_tlv <dbase-lsp-tlv-name-out> [<dbase-lsp-area-addr-out>] [<dbase-lsp-is-nbr-name-out>] [<dbase-lsp-is-nbr-metric-out>] [<dbase-lsp-is-nbr-ext-metric-out>] [<dbase-lsp-es-nbr-name-out>] [<dbase-lsp-es-nbr-metric-out>] [<dbase-lsp-es-nbr-ext-metric-out>] [<dbase-lsp-auth-type-out>] [<dbase-lsp-auth-len-out>] [<dbase-lsp-ext-is-name-out>] [<dbase-lsp-ext-is-metric-out>] [<dbase-lsp-ip-ri-addr-out>] [<dbase-lsp-ip-ri-mask-out>] [<dbase-lsp-ip-ri-metric-out>] [<dbase-lsp-ip-ri-ext-metric-out>] [<dbase-lsp-ip-ri-up-down-out>] [{ TABLE_process_nlpid <dbase-lsp-prot-support-out> }] [<dbase-lsp-ip-addr-out>] [<dbase-lsp-ipv6-addr-out>] [{ TABLE_process_extip <dbase-lsp-extip-addr-out> <dbase-lsp-extip-prefix-len-out> <dbase-lsp-extip-metric-out> <dbase-lsp-extip-up-down-out> }] [<dbase-lsp-hname-out>] [<dbase-lsp-hname-len-out>] [{ TABLE_process_extipv6 <dbase-lsp-extipv6-addr-out> <dbase-lsp-extipv6-prefix-len-out> <dbase-lsp-extipv6-metric-out> <dbase-lsp-extipv6-up-down-out> <dbase-lsp-extipv6-ext-origin-out> }] [<dbase-lsp-tlv-len-out>] [<dbase-lsp-tlv-unknown-out>] [{ TABLE_process_subtlv <dbase-lsp-subtlv-name-out> [<dbase-lsp-extis-admin-group-out>] [<dbase-lsp-subtlv-ip-addr-out>] [<dbase-lsp-extis-bw-out>] [<dbase-lsp-extis-pri1-out>] [<dbase-lsp-extis-pri1-val-out>] [<dbase-lsp-extis-pri2-out>] [<dbase-lsp-extis-pri2-val-out>] [<dbase-lsp-extis-te-metric-out>] [<dbase-lsp-ext-ipv4-pfxsid> <dbase-lsp-ext-ipv4-pfxsid-algo> <dbase-lsp-ext-ipv4-pfxsid-flag>] [<dbase-lsp-ext-ipv6-pfxsid> <dbase-lsp-ext-ipv6-pfxsid-algo> <dbase-lsp-ext-ipv6-pfxsid-flag>] [<dbase-lsp-subtlv-len-out>] [<dbase-lsp-subtlv-unknown-out>] }] }] <dbase-lsp-digest-out> }] }] [{ <dbase-lsp-total-out> [{ <dbase-lsp-empty-out> <dbase-lsp-zeroseq-out> }] }] }] } }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
site	(Optional) Display IS-IS OTV site information
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
database	Display IS-IS database information
mgroup	(Optional) Display IS-IS GM database information
lid	(Optional) LSP ID in the form of XXXX.XXXX.XXXX.XX-XX

detail	(Optional) Display detailed IS-IS information
advertise	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
summary	(Optional) Display summary IS-IS information
zero-sequence	(Optional) LSP with zero sequence number
adjacency	(Optional) Adjacency filter
adj-id	(Optional) Single exact match adjacency filter
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
dbase-hname-absent-out	(Optional)
TABLE_process_lvl	(Optional)
dbase-level-out	(Optional)
TABLE_process_lsp	(Optional)
dbase-lsp-name-out	(Optional)
dbase-lsp-status-out	(Optional)
dbase-lsp-absent-out	(Optional)
dbase-lsp-seqnum-out	(Optional)
dbase-lsp-cksum-out	(Optional)
dbase-lsp-lifetime-str-out	(Optional)
dbase-lsp-lifetime-out	(Optional)
dbase-att-out	(Optional)
dbase-partition-out	(Optional)
dbase-overload-out	(Optional)
dbase-istype-out	(Optional)
dbase-lsp-instance-out	(Optional)
TABLE_process_tlv	(Optional)
dbase-lsp-tlv-name-out	(Optional)

dbase-lsp-area-addr-out	(Optional)
dbase-lsp-is-nbr-name-out	(Optional)
dbase-lsp-is-nbr-metric-out	(Optional)
dbase-lsp-is-nbr-ext-metric-out	(Optional)
dbase-lsp-es-nbr-name-out	(Optional)
dbase-lsp-es-nbr-metric-out	(Optional)
dbase-lsp-es-nbr-ext-metric-out	(Optional)
dbase-lsp-auth-type-out	(Optional)
dbase-lsp-auth-len-out	(Optional)
dbase-lsp-ext-is-name-out	(Optional)
dbase-lsp-ext-is-metric-out	(Optional)
dbase-lsp-ip-ri-addr-out	(Optional)
dbase-lsp-ip-ri-mask-out	(Optional)
dbase-lsp-ip-ri-metric-out	(Optional)
dbase-lsp-ip-ri-ext-metric-out	(Optional)
dbase-lsp-ip-ri-up-down-out	(Optional)
TABLE_process_nlpid	(Optional)
dbase-lsp-prot-support-out	(Optional)
dbase-lsp-ip-addr-out	(Optional)
dbase-lsp-ipv6-addr-out	(Optional)
TABLE_process_extip	(Optional)
dbase-lsp-extip-addr-out	(Optional)
dbase-lsp-extip-prefix-len-out	(Optional)
dbase-lsp-extip-metric-out	(Optional)
dbase-lsp-extip-up-down-out	(Optional)
dbase-lsp-hname-out	(Optional)
dbase-lsp-hname-len-out	(Optional)
TABLE_process_extipv6	(Optional)
dbase-lsp-extipv6-addr-out	(Optional)

dbase-lsp-extipv6-prefix-len-out	(Optional)
dbase-lsp-extipv6-metric-out	(Optional)
dbase-lsp-extipv6-up-down-out	(Optional)
dbase-lsp-extipv6-ext-origin-out	(Optional)
dbase-lsp-tlv-len-out	(Optional)
dbase-lsp-tlv-unknown-out	(Optional)
TABLE_process_subtlv	(Optional)
dbase-lsp-subtlv-name-out	(Optional)
dbase-lsp-extis-admin-group-out	(Optional)
dbase-lsp-subtlv-ip-addr-out	(Optional)
dbase-lsp-extis-bw-out	(Optional)
dbase-lsp-extis-pri1-out	(Optional)
dbase-lsp-extis-pri1-val-out	(Optional)
dbase-lsp-extis-pri2-out	(Optional)
dbase-lsp-extis-pri2-val-out	(Optional)
dbase-lsp-extis-te-metric-out	(Optional)
dbase-lsp-ext-ipv4-pfxsid	(Optional)
dbase-lsp-ext-ipv4-pfxsid-algo	(Optional)
dbase-lsp-ext-ipv4-pfxsid-flag	(Optional)
dbase-lsp-ext-ipv6-pfxsid	(Optional)
dbase-lsp-ext-ipv6-pfxsid-algo	(Optional)
dbase-lsp-ext-ipv6-pfxsid-flag	(Optional)
dbase-lsp-subtlv-len-out	(Optional)
dbase-lsp-subtlv-unknown-out	(Optional)
dbase-lsp-digest-out	(Optional)
dbase-lsp-total-out	(Optional)
dbase-lsp-empty-out	(Optional)
dbase-lsp-zeroseq-out	(Optional)

Command Mode

- /exec

show otv isis ed-summary local

show otv isis [<otv-isis-tag>] ed-summary local [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> [{ TABLE_ed_summary_local <site-id-out> <version-out> <fwd-ready-out> <device-id-out> <lsp-id-out> }] } }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
ed-summary	Display ED Summary Info
local	local
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
TABLE_ed_summary_local	(Optional)
site-id-out	(Optional)
version-out	(Optional)
fwd-ready-out	(Optional)
device-id-out	(Optional)
lsp-id-out	(Optional)

Command Mode

- /exec

show otv isis ed-summary remote

show otv isis [<otv-isis-tag>] ed-summary remote [site-identifier { <site-id-mac> | <site-id-hex> }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> [{ TABLE_ed_summary_site <site-id-out> <ref-count-out> [{ TABLE_remote <device-id-out> <aed-srv-out> <fwd-ready-out> <version-out> <lsp-id-out> }] }] } }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
ed-summary	Display ED Summary Info
remote	remote
site-identifier	(Optional) site-identifier
site-id-mac	(Optional) Site ID in MAC address format
site-id-hex	(Optional) Site ID in hex
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
TABLE_ed_summary_site	(Optional)
site-id-out	(Optional)
ref-count-out	(Optional)
TABLE_remote	(Optional)
device-id-out	(Optional)
aed-srv-out	(Optional)
fwd-ready-out	(Optional)
version-out	(Optional)
lsp-id-out	(Optional)

Command Mode

- /exec

show otv isis fast-flood

show otv isis [<otv-isis-tag>] fast-flood [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> <tokens-left-out> [{ TABLE_fast_flood <level-out> <on-off-out> <interval-out> <packet-count-out> }] } }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
fast-flood	Fast flood the LSP's
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
tokens-left-out	(Optional)
TABLE_fast_flood	(Optional)
level-out	(Optional)
on-off-out	(Optional)
interval-out	(Optional)
packet-count-out	(Optional)

Command Mode

- /exec

show otv isis hostname

show otv isis [<otv-isis-tag>] hostname [detail] [vpn { <vrf-name> | all }] [__readonly__ { TABLE_process_tag <tag-out> <hname-enabled-out> <hname-detail-out> [{ TABLE_vrf <vrf-name-out> [{ TABLE_hname <hname-level-out> <hname-id-out> <hname-id-mine-out> <hname-name-out> }] }] }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
hostname	Display IS-IS hostname table information
detail	(Optional) Display detailed IS-IS information
__readonly__	(Optional)
TABLE_process_tag	(Optional)
tag-out	(Optional)
hname-enabled-out	(Optional)
hname-detail-out	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
TABLE_hname	(Optional)
hname-level-out	(Optional)
hname-id-out	(Optional)
hname-id-mine-out	(Optional)
hname-name-out	(Optional)

Command Mode

- /exec

show otv isis interface

show otv isis [<otv-isis-tag>] interface [brief | <interface>] [vpn { <vrf-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> [{ TABLE_interface [{ <intfb-name-out> <intfb-type-out> <intfb-ix-out> <intfb-state-out> <intfb-ready-state-out> <intfb-cid-out> <intfb-ckt-type-out> <intfb-mtu-out> [{ <intf-p2p-metric-lvl-1-out> <intf-p2p-prio-lvl-1-out> <intf-p2p-adj-count-lvl-1-out> <intf-p2p-adj-up-count-lvl-1-out> }] [{ <intf-loopback-metric-lvl-1-out> <intf-loopback-prio-lvl-1-out> <intf-loopback-adj-count-lvl-1-out> <intf-loopback-adj-up-count-lvl-1-out> }] [{ <intf-bcast-metric-lvl-1-out> <intf-bcast-prio-lvl-1-out> <intf-bcast-adj-count-lvl-1-out> <intf-bcast-adj-up-count-lvl-1-out> }] }] [{ <intf-name-out> <intf-status-out> }] [{ <intf-state-out> <intf-internal-state-out> [<intf-cib-disabled-out>] [<intf-cid-invalid-out>] }] [{ <intf-ix-out> <intf-cid-out> <intf-ckt-type-out> }] [<intf-passive-mask-out>] [<intf-passive-mask-lvl-out>] [<intf-mgrp-set-out>] [<intf-mgrp-state-out>] [<intf-mgrp-id-out>] [{ TABLE_auth [{ <intf-auth-info-out> [<intf-auth-kchain-out>] <intf-auth-chk-info-out> }] }] [<intf-p2p-type-out>] [{ <intf-p2p-ext-local-cid-out> <intf-p2p-cid-out> <intf-retx-intv-out> <intf-retx-throttle-out> }] [<intf-loopback-type-out>] [{ <intf-lsp-intv-out> <intf-mtu-out> [<intf-hpad-state-out>] }] [{ [<intf-p2p-pad-ts-out>] <intf-p2p-adj-count-out> <intf-p2p-adj-up-count-out> <intf-p2p-prio-out> <intf-p2p-hello-intv-out> <intf-p2p-hello-multi-out> <intf-p2p-hello-next-out> [{ TABLE_p2p <intf-p2p-lvl-out> <intf-p2p-adj-lvl-out> <intf-p2p-adj-up-lvl-out> <intf-p2p-metric-lvl-out> <intf-p2p-csnp-lvl-out> <intf-p2p-csnp-nxt-lvl-out> <intf-p2p-lspid-last-lvl-out> }] }] [{ <intf-bcast-type-out> [{ TABLE_bcast_pad [{ <intf-bcast-lvl-out> <intf-bcast-pad-ts-out> }] }] [{ TABLE_bcast_dis [{ <intf-bcast-lvl-dis-out> <intf-bcast-dis-ts-out> }] }] [{ TABLE_bcast_pkt <intf-bcast-lvl-info-out> <intf-bcast-lvl-metric-out> <intf-bcast-lvl-csnp-intv-out> <intf-bcast-lvl-csnp-next-out> <intf-bcast-lvl-iih-intv-out> <intf-bcast-lvl-iih-multi-out> <intf-bcast-lvl-iih-next-out> }] [{ TABLE_bcast_adj <intf-bcast-lvl-value-out> <intf-bcast-lvl-adj-out> <intf-bcast-lvl-adj-up-out> <intf-bcast-lvl-prio-out> <intf-bcast-lvl-cktid-out> <intf-bcast-lvl-cktid-ts-out> }] }] [{ TABLE_loopback <intf-loopback-lvl-out> <intf-loopback-lvl-metric-out> }] [<intf-unknown-out>] }] } }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
brief	(Optional) Brief display of IS-IS interfaces
interface	Display IS-IS interface information
interface	(Optional) IS-IS interface
__readonly__	(Optional)
TABLE_process_tag	(Optional)

process-tag-out	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
TABLE_interface	(Optional)
intf-status-out	(Optional)
intf-name-out	(Optional)
intf-ix-out	(Optional)
intf-state-out	(Optional)
intf-cid-out	(Optional)
intf-ckt-type-out	(Optional)
intfb-name-out	(Optional)
intfb-type-out	(Optional)
intfb-ix-out	(Optional)
intfb-state-out	(Optional)
intfb-ready-state-out	(Optional)
intfb-cid-out	(Optional)
intfb-ckt-type-out	(Optional)
intf-p2p-metric-lvl-1-out	(Optional)
intf-p2p-prio-lvl-1-out	(Optional)
intf-p2p-adj-count-lvl-1-out	(Optional)
intf-p2p-adj-up-count-lvl-1-out	(Optional)
intf-loopback-metric-lvl-1-out	(Optional)
intf-loopback-prio-lvl-1-out	(Optional)
intf-loopback-adj-count-lvl-1-out	(Optional)
intf-loopback-adj-up-count-lvl-1-out	(Optional)
intf-bcast-metric-lvl-1-out	(Optional)
intf-bcast-prio-lvl-1-out	(Optional)
intf-bcast-adj-count-lvl-1-out	(Optional)
intf-bcast-adj-up-count-lvl-1-out	(Optional)

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

TABLE_p2p	(Optional)
intf-p2p-lvl-out	(Optional)
intf-p2p-adj-lvl-out	(Optional)
intf-p2p-adj-up-lvl-out	(Optional)
intf-p2p-metric-lvl-out	(Optional)
intf-p2p-csnp-lvl-out	(Optional)
intf-p2p-csnp-nxt-lvl-out	(Optional)
intf-p2p-lspid-last-lvl-out	(Optional)
intf-bcast-type-out	(Optional)
TABLE_bcast_pad	(Optional)
intf-bcast-lvl-out	(Optional)
intf-bcast-pad-ts-out	(Optional)
TABLE_bcast_dis	(Optional)
intf-bcast-lvl-dis-out	(Optional)
intf-bcast-dis-ts-out	(Optional)
TABLE_bcast_pkt	(Optional)
intf-bcast-lvl-info-out	(Optional)
intf-bcast-lvl-metric-out	(Optional)
intf-bcast-lvl-csnp-intv-out	(Optional)
intf-bcast-lvl-csnp-next-out	(Optional)
intf-bcast-lvl-iih-intv-out	(Optional)
intf-bcast-lvl-iih-multi-out	(Optional)
intf-bcast-lvl-iih-next-out	(Optional)
TABLE_bcast_adj	(Optional)
intf-bcast-lvl-value-out	(Optional)
intf-bcast-lvl-adj-out	(Optional)
intf-bcast-lvl-adj-up-out	(Optional)
intf-bcast-lvl-prio-out	(Optional)
intf-bcast-lvl-cktid-out	(Optional)

intf-bcast-lvl-cktid-ts-out	(Optional)
TABLE_loopback	(Optional)
intf-loopback-lvl-out	(Optional)
intf-loopback-lvl-metric-out	(Optional)
intf-unknown-out	(Optional)

Command Mode

- /exec

show otv isis ip mroute

show otv isis [<otv-isis-tag>] ip mroute [vlan <vlan-id> [group <gip-addr> [source <sip-addr>]]] [summary] [vpn { <vrf-name> | all }] [__readonly__ TABLE_process_tag <process-tag-out> <vrf-name-out> [<af-string-out>] [TABLE_mroute <source-out> <vlan-id-out> <group-out> [TABLE_adj <interface-name-out> <iod-out> <site-index-out> <unicast-only-key-out>] [TABLE_active_source <interface-name-out> <iod-out> <site-index-out> <unicast-only-key-out> <source-and-group-addr-out>]]]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
ip	Display IS-IS IPv4 information
mroute	Display IS-IS multicast group information
vlan	(Optional) Display IS-IS VLAN information
vlan-id	(Optional) Display IS-IS VLAN information
group	(Optional) Display IS-IS Group information
source	(Optional) Display IS-IS Source information
gip-addr	(Optional) Display single IP redistribute route
sip-addr	(Optional) Display single IP redistribute route
summary	(Optional) Display route counts
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
vrf-name-out	(Optional)
af-string-out	(Optional)
TABLE_mroute	(Optional)

source-out	(Optional)
vlan-id-out	(Optional)
group-out	(Optional)
TABLE_adj	(Optional)
interface-name-out	(Optional)
iod-out	(Optional)
site-index-out	(Optional)
unicast-only-key-out	(Optional)
TABLE_active_source	(Optional)
interface-name-out	(Optional)
iod-out	(Optional)
site-index-out	(Optional)
unicast-only-key-out	(Optional)
source-and-group-addr-out	(Optional)

Command Mode

- /exec

show otv isis ip redistribute mroute

show otv isis [<otv-isis-tag>] ip redistribute mroute [vlan <vlan-id> [group <gip-addr> [source <sip-addr>]]] [summary] [vpn { <vrf-name> | all }] [__readonly__ TABLE_process_tag <process-tag-out> <af-string-out> <vrf-name-out> [TABLE_mrouter <redist-ipv4-vlan> [<redist-ipv4-mrouter-vlanid-out>] [<redist-ipv4-vlanid-out>] [<redist-ipv4-source-addr-out>] [<redist-ipv4-group-addr-out>] [<redist-ipv4-as-lsp>] [<redist-ipv4-recv-lsp>] [<redist-ipv4-mroute-vlan-id>] [<redist-ipv4-mroute-src-addr>] [<redist-ipv4-mroute-grp-addr>]] [TABLE_summary <redist-ipv4-vlan> <redist-ipv4-group> <redist-ipv4-src-count>]]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
ip	Display IS-IS IPv4 information
redistribute	Display IS-IS redistribute information
vlan	(Optional) Display IS-IS VLAN information
vlan-id	(Optional) Display IS-IS VLAN information
group	(Optional) Display IS-IS Group information
source	(Optional) Display IS-IS Source information
gip-addr	(Optional) Display single IP redistribute route
sip-addr	(Optional) Display single IP redistribute route
mroute	Display IS-IS multicast group information
summary	(Optional) Display route counts
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
af-string-out	(Optional)
vrf-name-out	(Optional)

TABLE_mrouter	(Optional)
redist-ipv4-vlan	(Optional)
redist-ipv4-mrouter-vlanid-out	(Optional)
redist-ipv4-vlanid-out	(Optional)
redist-ipv4-source-addr-out	(Optional)
redist-ipv4-group-addr-out	(Optional)
redist-ipv4-as-lsp	(Optional)
redist-ipv4-recv-lsp	(Optional)
redist-ipv4-mroute-vlan-id	(Optional)
redist-ipv4-mroute-src-addr	(Optional)
redist-ipv4-mroute-grp-addr	(Optional)
TABLE_summary	(Optional)
redist-ipv4-vlan	(Optional)
redist-ipv4-group	(Optional)
redist-ipv4-src-count	(Optional)

Command Mode

- /exec

show otv isis redistribute route

show otv isis [<otv-isis-tag>] [mac] redistribute route [summary] [direct-mask] [vpn { <vrf-name> | all }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
redistribute	Display IS-IS redistribute information
route	Display ISIS redistribute route
mac	(Optional) Display IS-IS MAC information
summary	(Optional) Display route counts
direct-mask	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

show otv isis route-map statistics

show otv isis [<otv-isis-tag>] route-map statistics [vpn { <vrf-name> | all }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
route-map	Display IS-IS route-map information
statistics	Display IS-IS route-map statistics

Command Mode

- /exec

show otv isis route

show otv isis [<otv-isis-tag>] route [summary | detail | is] [vpn { <vrf-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> [<afi-safi-out>] [{ TABLE_route [<route-addr-print-out>] [<route-absent-out>] [<route-prefix-out>] [<route-mask-len-out>] [<route-level-out>] [<route-lvl-absent-out>] [<route-summ-discard-addr-out>] [<route-summ-discard-mask-len-out>] [<route-discard-addr-out>] [<route-discard-mask-len-out>] [<route-mask-len-print-out>] [<route-lvl-out>] [<route-direct-print-out>] [<route-direct-out>] [<route-direct-via-out>] [<route-direct-if-name-out>] [<route-direct-metric-out>] [<route-direct-level-out>] [<route-direct-instance-out>] [<route-marker-out>] [<route-addr-valid-out>] [<route-no-def-prefix-out>] [<route-ifname-out>] [<route-metric-out>] [<route-pref-out>] [<route-instance-out>] [<route-discard-mask-out>] [<route-sum-prefix-out>] [<route-sum-prefix-len-out>] }] [<route-total-out>] [<route-paths-total-out>] [<route-paths-best-out>] [<route-paths-backup-out>] [<route-sum-lvl-out>] [<route-sum-total-out>] [<route-sum-direct-out>] [<route-sum-normal-out>] [<route-sum-missing-out>] [<route-best-pend-num-out>] [<route-bestpaths-out>] [<route-path-sum-lvl-out>] [<route-path-sum-total-out>] [<route-path-sum-direct-out>] [<route-path-sum-normal-out>] [<route-backuppaths-out>] [<route-bestroutes-per-mask-out>] [<route-best-mask-val-out>] [<route-best-mask-count-out>] [<route-pend-q-count-out>] } }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
is	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
route	Display IS-IS route information
summary	(Optional) Display route counts
detail	(Optional) Display detail route information
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
afi-safi-out	(Optional)

TABLE_route	(Optional)
route-addr-print-out	(Optional)
route-absent-out	(Optional)
route-lvl-absent-out	(Optional)
route-prefix-out	(Optional)
route-mask-len-out	(Optional)
route-level-out	(Optional)
route-summ-discard-addr-out	(Optional)
route-summ-discard-mask-len-out	(Optional)
route-discard-addr-out	(Optional)
route-discard-mask-len-out	(Optional)
route-mask-len-print-out	(Optional)
route-lvl-out	(Optional)
route-direct-print-out	(Optional)
route-direct-out	(Optional)
route-direct-via-out	(Optional)
route-direct-if-name-out	(Optional)
route-direct-metric-out	(Optional)
route-direct-level-out	(Optional)
route-direct-instance-out	(Optional)
route-marker-out	(Optional)
route-addr-valid-out	(Optional)
route-ifname-out	(Optional)
route-metric-out	(Optional)
route-pref-out	(Optional)
route-instance-out	(Optional)
route-no-def-prefix-out	(Optional)
route-discard-mask-out	(Optional)
route-sum-prefix-out	(Optional)

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

Command Mode

- /exec

show otv isis rrm

show otv isis [<otv-isis-tag>] rrm [mgroup] <interface> [vpn { <vrf-name> | all }] [__readonly__ TABLE_process_tag <process-tag-out> <rrm-if-out> <rrm-if-p2p-out> <rrm-level-out> <rrm-retx-interval-out> <rrm-retx-throttle-out> <rrm-retx-queue-len-out> <rrm-next-retx-out> <rrm-retx-queue-hwm-out> <rrm-queue-exceed-out> <rrm-if-lsp-out> <rrm-lsp-name-out> <rrm-lsp-status-out> <rrm-lsp-absent-out> <rrm-lsp-seqnum-out> <rrm-lsp-cksum-out> <rrm-lsp-lifetime-out> <rrm-lsp-attached-out> <rrm-lsp-partition-out> <rrm-lsp-overload-out> <rrm-lsp-istype-out> <rrm-last-sent-time-out> <rrm-invalid-retx-out> <rrm-invalid-db-out> <rrm-set-out> <rrm-srm-set-out>]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
rrm	Display IS-IS Retransmit-Routing-Message information
mgroup	(Optional) Display IS-IS GM Retransmit-Routing-Message information
interface	IS-IS interface
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
rrm-if-out	(Optional)
rrm-if-p2p-out	(Optional)
rrm-level-out	(Optional)
rrm-retx-interval-out	(Optional)
rrm-retx-throttle-out	(Optional)
rrm-retx-queue-len-out	(Optional)
rrm-next-retx-out	(Optional)
rrm-retx-queue-hwm-out	(Optional)
rrm-queue-exceed-out	(Optional)

rrm-if-lsp-out	(Optional)
rrm-lsp-name-out	(Optional)
rrm-lsp-status-out	(Optional)
rrm-lsp-absent-out	(Optional)
rrm-lsp-seqnum-out	(Optional)
rrm-lsp-cksum-out	(Optional)
rrm-lsp-lifetime-out	(Optional)
rrm-lsp-attached-out	(Optional)
rrm-lsp-partition-out	(Optional)
rrm-lsp-overload-out	(Optional)
rrm-lsp-istype-out	(Optional)
rrm-last-sent-time-out	(Optional)
rrm-invalid-retx-out	(Optional)
rrm-invalid-db-out	(Optional)
rrm-set-out	(Optional)
rrm-srm-set-out	(Optional)

Command Mode

- /exec

show otv isis site-index

show otv isis [<otv-isis-tag>] site-index

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
site-index	Display site index table

Command Mode

- /exec

show otv isis site

show otv isis [<otv-isis-tag>] site [statistics] [__readonly__ { TABLE_process_tag <process-tag-out> [<bfd-state-str-out>] [{ TABLE_adjacency <nbr-system-id-out> <adj-state-out> <last-flap-ts-out> <hold-time-out> <otv-fwd_ready-out> <site-id-out> <otv-version-out> <l3-ipv4-addr-out> <nbr-ip-out> }] [<system-id-out>] [<interface-out>] [<vlan-id-out>] [<cib-out>] [<iib-out>] [{ TABLE_site_groups <overlay-name-out> <overlay-state-out> <timer-iih-out> <iih-ts-out> <iih-multi-out> }] [{ TABLE_site_groups_csnp <overlay-name-csnp-out> <encap-af-out> <csnp-last-out> <csnp-int-out> <csnp-next-out> }] [{ TABLE_site_groups_nbr <nbr-gr-system-id-out> }] [<traffic-lan-iih-out>] [<traffic-lan-iih-rcv-out>] [<traffic-lan-iih-xmit-out>] [<traffic-lan-iih-rcv-auth-err-out>] [<traffic-lan-iih-rcv-err-out>] [<traffic-csnp-out>] [<traffic-csnp-rcv-out>] [<traffic-csnp-xmit-out>] [<traffic-csnp-rcv-auth-err-out>] [<traffic-csnp-rcv-err-out>] [<traffic-psnp-out>] [<traffic-psnp-rcv-out>] [<traffic-psnp-xmit-out>] [<traffic-psnp-rcv-auth-err-out>] [<traffic-psnp-rcv-err-out>] [<traffic-lsp-out>] [<traffic-lsp-rcv-out>] [<traffic-lsp-flood-out>] [<traffic-lsp-rcv-auth-err-out>] [<traffic-lsp-rcv-err-out>] [<traffic-lsp-rexmit-out>] [<traffic-gmlsp-out>] [<traffic-gmlsp-rcv-out>] [<traffic-gmlsp-flood-out>] [<traffic-gmlsp-rcv-auth-err-out>] [<traffic-gmlsp-rcv-err-out>] [<traffic-gmlsp-rexmit-out>] [<site-spf-calc-out>] [<site-lsp-sourced-out>] [<site-lsp-refresh-out>] [<site-lsp-purge-out>] }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
site	Display IS-IS OTV site information
statistics	(Optional) Display IS-IS protocol statistics
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
bfd-state-str-out	(Optional)
system-id-out	(Optional)
interface-out	(Optional)
vlan-id-out	(Optional)
cib-out	(Optional)
iib-out	(Optional)
TABLE_adjacency	(Optional)
nbr-system-id-out	(Optional)

adj-state-out	(Optional)
last-flap-ts-out	(Optional)
hold-time-out	(Optional)
otv-fwd_ready-out	(Optional)
site-id-out	(Optional)
otv-version-out	(Optional)
l3-ipv4-addr-out	(Optional)
nbr-ip-out	(Optional)
TABLE_site_groups	(Optional)
overlay-name-out	(Optional)
overlay-state-out	(Optional)
timer-iih-out	(Optional)
iih-ts-out	(Optional)
iih-multi-out	(Optional)
TABLE_site_groups_csnp	(Optional)
overlay-name-csnp-out	(Optional)
encap-af-out	(Optional)
csnp-last-out	(Optional)
csnp-int-out	(Optional)
csnp-next-out	(Optional)
TABLE_site_groups_nbr	(Optional)
nbr-gr-system-id-out	(Optional)
traffic-lan-iih-out	(Optional)
traffic-lan-iih-rcv-out	(Optional)
traffic-lan-iih-xmit-out	(Optional)
traffic-lan-iih-rcv-auth-err-out	(Optional)
traffic-lan-iih-rcv-err-out	(Optional)
traffic-csnp-out	(Optional)
traffic-csnp-rcv-out	(Optional)

traffic-csnp-xmit-out	(Optional)
traffic-csnp-rcv-auth-err-out	(Optional)
traffic-csnp-rcv-err-out	(Optional)
traffic-psnp-out	(Optional)
traffic-psnp-rcv-out	(Optional)
traffic-psnp-xmit-out	(Optional)
traffic-psnp-rcv-auth-err-out	(Optional)
traffic-psnp-rcv-err-out	(Optional)
traffic-lsp-out	(Optional)
traffic-lsp-rcv-out	(Optional)
traffic-lsp-flood-out	(Optional)
traffic-lsp-rcv-auth-err-out	(Optional)
traffic-lsp-rcv-err-out	(Optional)
traffic-lsp-rexmit-out	(Optional)
traffic-gmlsp-out	(Optional)
traffic-gmlsp-rcv-out	(Optional)
traffic-gmlsp-flood-out	(Optional)
traffic-gmlsp-rcv-auth-err-out	(Optional)
traffic-gmlsp-rcv-err-out	(Optional)
traffic-gmlsp-rexmit-out	(Optional)
site-spf-calc-out	(Optional)
site-lsp-sourced-out	(Optional)
site-lsp-refresh-out	(Optional)
site-lsp-purge-out	(Optional)

Command Mode

- /exec

show otv isis spf-log

show otv isis [<otv-isis-tag>] spf-log [detail] [vpn { <vrf-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> <spflog-calc-out> <spflog-size-out> <spflog-maxsize-out> [{ TABLE_log_detail <num-out> <ts-out> <date-out> [{ TABLE_lvl_detail <lvld-out> <instance-out> <init-ts-out> <ts-lvl-out> }] [<ts-is-out>] [<ts-urib-out>] [<ts-elapsed-out>] [{ TABLE_lvl_second <lvls-out> <spf-node-out> <spf-cnt-out> <changed-cnt-out> <spf-reason-out> }] }] [{ TABLE_log_brief <ago-time-out> [{ TABLE_lvl <lvl-out> <reason-out> <count-out> }] [<elapsed-ts-out>] }] } }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
spf-log	Display IS-IS SPF information
detail	(Optional) Display detail ISIS SPF information
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
spflog-calc-out	(Optional)
spflog-size-out	(Optional)
spflog-maxsize-out	(Optional)
TABLE_log_detail	(Optional)
num-out	(Optional)
ts-out	(Optional)
date-out	(Optional)
TABLE_lvl_detail	(Optional)

lvld-out	(Optional)
instance-out	(Optional)
init-ts-out	(Optional)
ts-lvl-out	(Optional)
ts-is-out	(Optional)
ts-urib-out	(Optional)
ts-elapsed-out	(Optional)
TABLE_lvl_second	(Optional)
lvls-out	(Optional)
spf-node-out	(Optional)
spf-cnt-out	(Optional)
changed-cnt-out	(Optional)
spf-reason-out	(Optional)
TABLE_log_brief	(Optional)
ago-time-out	(Optional)
TABLE_lvl	(Optional)
lvl-out	(Optional)
reason-out	(Optional)
count-out	(Optional)
elapsed-ts-out	(Optional)

Command Mode

- /exec

show otv isis srm

show otv isis [<otv-isis-tag>] srm [mgroup] <interface> [vpn { <vrf-name> | all }] [__readonly__ TABLE_process_tag <process-tag-out> <srm-if-out> <srm-level-out> <srm-if-flood-out> <srm-if-stopped-out> <srm-lsp-interval-out> <srm-next-lsp-out> [TABLE_srm_lsp <srm-lsp-name-out> <srm-lsp-status-out> [<srm-lsp-absent-out>] [<srm-lsp-seqnum-out> <srm-lsp-cksum-out>] [<srm-lsp-lifetime-out>] [<srm-lsp-attached-out> <srm-lsp-partition-out> <srm-lsp-overload-out> <srm-lsp-istype-out>] [<srm-txlist-status>]]]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
srm	Display IS-IS Send-Routing-Message information
mgroup	(Optional) Display IS-IS GM-Send-Routing-Message information
interface	IS-IS interface
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
srm-if-out	(Optional)
srm-level-out	(Optional)
srm-if-flood-out	(Optional)
srm-if-stopped-out	(Optional)
srm-lsp-interval-out	(Optional)
srm-next-lsp-out	(Optional)
TABLE_srm_lsp	(Optional)
srm-lsp-name-out	(Optional)
srm-lsp-status-out	(Optional)

srm-lsp-absent-out	(Optional)
srm-lsp-seqnum-out	(Optional)
srm-lsp-cksum-out	(Optional)
srm-lsp-lifetime-out	(Optional)
srm-lsp-attached-out	(Optional)
srm-lsp-partition-out	(Optional)
srm-lsp-overload-out	(Optional)
srm-lsp-istype-out	(Optional)
srm-txlist-status	(Optional)

Command Mode

- /exec

show otv isis ssn

show otv isis [<otv-isis-tag>] ssn [mgroup] <interface> [vpn { <vrf-name> | all }] [__readonly__ TABLE_process_tag <process-tag-out> <ssn-if-out> <ssn-level-out> <ssn-psnp-capable-out> <ssn-next-psnp-out> [TABLE_ssn_lsp <ssn-lsp-name-out> <ssn-lsp-status-out> [<ssn-lsp-absent-out>] [<ssn-lsp-seqnum-out> <ssn-lsp-cksum-out>] [<ssn-lsp-lifetime-out>] [<ssn-lsp-attached-out> <ssn-lsp-partition-out> <ssn-lsp-overload-out> <ssn-lsp-istype-out>] [<ssn-txlist-status-out>]]]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
ssn	Display IS-IS Send-Sequence-Number information
mgroup	(Optional) Display IS-IS GM-Send-Sequence-Number information
interface	IS-IS interface
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
ssn-if-out	(Optional)
ssn-level-out	(Optional)
ssn-psnp-capable-out	(Optional)
ssn-next-psnp-out	(Optional)
TABLE_ssn_lsp	(Optional)
ssn-lsp-name-out	(Optional)
ssn-lsp-status-out	(Optional)
ssn-lsp-absent-out	(Optional)
ssn-lsp-seqnum-out	(Optional)
ssn-lsp-cksum-out	(Optional)

ssn-lsp-lifetime-out	(Optional)
ssn-lsp-attached-out	(Optional)
ssn-lsp-partition-out	(Optional)
ssn-lsp-overload-out	(Optional)
ssn-lsp-istype-out	(Optional)
ssn-txlist-status-out	(Optional)

Command Mode

- /exec

show otv isis statistics

show otv isis [<otv-isis-tag>] statistics [<interface>] [vpn { <vrf-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> [<stat-if-out>] { TABLE_vrf <vrf-name-out> [<stat-if-name-out>] [<stat-spf-calc-out>] [<stat-lsp-sourced-out>] [<stat-lsp-refresh-out>] [<stat-lsp-purge-out>] [<stat-dis-elections-out>] } }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
statistics	Display IS-IS protocol statistics
interface	(Optional) IS-IS interface
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
stat-if-out	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
stat-if-name-out	(Optional)
stat-spf-calc-out	(Optional)
stat-lsp-sourced-out	(Optional)
stat-lsp-refresh-out	(Optional)
stat-lsp-purge-out	(Optional)
stat-dis-elections-out	(Optional)

Command Mode

- /exec

show otv isis track-adjacency-nexthop

show otv isis [<otv-isis-tag>] track-adjacency-nexthop [__readonly__ { TABLE_process_tag <process-tag-out> [{ TABLE_next_hop <ip-address-out> <vrf-name-out> [{ TABLE_adjacency <hostname-out> <interface-out> }] }] }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
track-adjacency-nexthop	Display IS-IS OTV adjacency nexthop tracking information
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
TABLE_next_hop	(Optional)
ip-address-out	(Optional)
vrf-name-out	(Optional)
TABLE_adjacency	(Optional)
hostname-out	(Optional)
interface-out	(Optional)

Command Mode

- /exec

show otv isis traffic

show otv isis [<otv-isis-tag>] traffic [<interface>] [mbuf-priority] [vpn { <vrf-name> | all }] [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> <traffic-if-out> [<traffic-if-name-out>] <traffic-lan-iih-out> <traffic-lan-iih-rcv-out> <traffic-lan-iih-xmit-out> <traffic-lan-iih-rcv-auth-err-out> <traffic-lan-iih-rcv-err-out> <traffic-csnp-out> <traffic-csnp-rcv-out> <traffic-csnp-xmit-out> <traffic-csnp-rcv-auth-err-out> <traffic-csnp-rcv-err-out> <traffic-psnp-out> <traffic-psnp-rcv-out> <traffic-psnp-xmit-out> <traffic-psnp-rcv-auth-err-out> <traffic-psnp-rcv-err-out> <traffic-lsp-out> <traffic-lsp-rcv-out> <traffic-lsp-flood-out> <traffic-lsp-rcv-auth-err-out> <traffic-lsp-rcv-err-out> <traffic-lsp-rexmit-out> <traffic-gmlsp-out> <traffic-gmlsp-rcv-out> <traffic-gmlsp-flood-out> <traffic-gmlsp-rcv-auth-err-out> <traffic-gmlsp-rcv-err-out> <traffic-gmlsp-rexmit-out> [<traffic-xmit-err-out>] [<traffic-unknown-pdu-rcv-out>] } }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vpn	(Optional) Display VPN information
vrf-name	(Optional) VPN name
all	(Optional) All configured VPNs
traffic	Display IS-IS traffic information
interface	(Optional) IS-IS interface
mbuf-priority	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
traffic-if-out	(Optional)
traffic-if-name-out	(Optional)
traffic-lan-iih-out	(Optional)
traffic-lan-iih-rcv-out	(Optional)
traffic-lan-iih-xmit-out	(Optional)

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

Command Mode

- /exec

show otv isis vlan-status local

show otv isis [<otv-isis-tag>] vlan-status { local | remote } [__readonly__ { TABLE_process_tag <process-tag-out> { TABLE_vrf <vrf-name-out> [{ TABLE_vlan_status_local <overlay-iod-out> <cluster-id-out> <partition-id-out> <device-id-out> <site-id-out> <fwd-ready-out> <aed-out> <backup-aed-out> <delete-flag-out> <local-out> <remote-out> <version-out> <priority-out> <start-vlan-id-out> <end-vlan-id-out> <step-size-out> }] [{ TABLE_vlan_status_remote <overlay-iod-out> <cluster-id-out> <partition-id-out> <device-id-out> <site-id-out> <fwd-ready-out> <aed-out> <backup-aed-out> <delete-flag-out> <local-out> <remote-out> <priority-out> <vlan-id-out> <version-out> <site-index-out> <update-count-out> <creation-time-out> <update-time-out> }] } }]

Syntax Description

show	Show running system information
otv	Display OTV information
isis	Display IS-IS status and configuration
otv-isis-tag	(Optional) Routing process tag
vlan-status	Display vlan status Info
local	local
remote	remote
__readonly__	(Optional)
TABLE_process_tag	(Optional)
process-tag-out	(Optional)
TABLE_vrf	(Optional)
vrf-name-out	(Optional)
TABLE_vlan_status_local	(Optional)
overlay-iod-out	(Optional)
cluster-id-out	(Optional)
partition-id-out	(Optional)
device-id-out	(Optional)
site-id-out	(Optional)
fwd-ready-out	(Optional)
aed-out	(Optional)
backup-aed-out	(Optional)

delete-flag-out	(Optional)
local-out	(Optional)
remote-out	(Optional)
version-out	(Optional)
priority-out	(Optional)
start-vlan-id-out	(Optional)
end-vlan-id-out	(Optional)
step-size-out	(Optional)
TABLE_vlan_status_remote	(Optional)
overlay-iod-out	(Optional)
cluster-id-out	(Optional)
partition-id-out	(Optional)
device-id-out	(Optional)
site-id-out	(Optional)
fwd-ready-out	(Optional)
aed-out	(Optional)
backup-aed-out	(Optional)
delete-flag-out	(Optional)
local-out	(Optional)
remote-out	(Optional)
priority-out	(Optional)
vlan-id-out	(Optional)
version-out	(Optional)
site-index-out	(Optional)
update-count-out	(Optional)
creation-time-out	(Optional)
update-time-out	(Optional)

Command Mode

- /exec