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show background

show background

Syntax Description

show	Show running system information
background	show background processes (started with 'source background <file>' command)

Command Mode

- /exec

show banner exec

show banner exec

Syntax Description

show	Show running system information
banner	Show current banner message
exec	Show current exec banner message

Command Mode

- /exec

show banner motd

show banner motd

Syntax Description

show	Show running system information
banner	Show current banner message
motd	Show current motd banner message

Command Mode

- /exec

show bash-shell

show bash-shell

Syntax Description

show	Show running system information
bash-shell	Show bash shell status

Command Mode

- /exec

show bfd clients

show bfd clients

Syntax Description

show	Show running system information
bfd	BFD commands
clients	bfd client list

Command Mode

- /exec

show bfd neighbors

show bfd { [vrf { <vrf-name> | <vrf-known-name> | all }] } { [<ip_type>] } neighbors { [multihop] | [srte-echo] | [module <module>] | [interface <intf_id>] | [application <bfd_cli_client_names>] | [{ src-ip <src_ip> | src-ipv6 <src_ipv6> }] | [{ dest-ip <dest_ip> | dest-ipv6 <dest_ipv6> }] | [vrf { <vrf-name> | <vrf-known-name> | all }] } + [details]

Syntax Description

show	Show running system information
bfd	BFD commands
ip_type	(Optional) ipv4 or ipv6
neighbors	neighbors
multihop	(Optional) Display Multihop sessions only
srte-echo	(Optional) Display SRTE echo sessions only
module	(Optional) module
module	(Optional) module number
interface	(Optional) interface
intf_id	(Optional) show bfd sessions based on interface id
application	(Optional) application
bfd_cli_client_names	(Optional) __nil__ Clients need to register with bfd for this list
src-ip	(Optional) Source ip
src-ipv6	(Optional) Source ip
src_ip	(Optional) Source ip value
dest-ip	(Optional) Destination ip
dest-ipv6	(Optional) Destination ip
dest_ip	(Optional) Destination ip value
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
details	(Optional) details

Command Mode

- /exec

show bgp

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { { { ipv4 { unicast | multicast } | vpnv4 unicast | ipv4 mdt | link-state | l2vpn vpls | l2vpn evpn | ipv4 mvpn } nexthop-database [<ipnexthop>] } | { { ipv6 { unicast | multicast } | vpnv6 unicast | ipv6 mvpn } nexthop-database [<ipv6nexthop>] } | { all nexthop-database } } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
link-state	Display BGP information for link-state address family
l2vpn	Display BGP information for L2VPN address family
vpls	Display BGP information for L2VPN VPLS address family
nexthop-database	Display nexthop database
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
mdt	Display BGP information for multicast distribution tree
mvpn	Display BGP information for MVPN address family
evpn	Display BGP information for L2VPN EVPN address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
all	Display BGP information for all address families
ipnexthop	(Optional) Nexthop address

Command Mode

- /exec

show bgp

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } policy statistics { { redistribute [{ { eigrp | isis | ospf | rip } <tag> } | static | direct | amt | lisp | hmm | am] } | { neighbor <neighbor-id> [default-originate | { route-map | filter-list | prefix-list } { in | out }] } | { dampening } | { network { <ip-addr> mask <ip-mask> | <ip-prefix> } } | { aggregate-address { <ip-addr> <ip-mask> | <ip-prefix> } { suppress-map | advertise-map } } } | vpnv4 unicast policy statistics { neighbor <neighbor-id> [{ route-map | filter-list | prefix-list } { in | out }] } | ipv6 { unicast | multicast } policy statistics { { redistribute [{ { eigrp | isis | ospfv3 | rip } <tag> } | static | direct | amt | lisp | hmm | am] } | { neighbor { <neighbor-id> | <ipv6-neighbor-id> } [default-originate | { route-map | filter-list | prefix-list } { in | out }] } | { dampening } | { network <ipv6-prefix> } | { aggregate-address <ipv6-prefix> { suppress-map | advertise-map } } } } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
vpnv4	Display BGP information for VPNv4 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
policy	Display policy related information
statistics	Display Route Filter statistics
redistribute	Statistics for redistribution
isis	(Optional) ISO IS-IS
ospf	(Optional) Open Shortest Path First
ospfv3	(Optional) Open Shortest Path First v3
rip	(Optional) Routing Information Protocol
eigrp	(Optional) Enhanced Interior Gateway Protocol
static	(Optional) Static routes
direct	(Optional) Directly connected

amt	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
lisp	(Optional) LISP EID-prefixes in the non-default VRF
hmm	(Optional) HMM prefix
am	(Optional) AM routes (learned via ARP)
tag	(Optional) Source protocol tag
neighbor	Show neighbor specific counters
neighbor-id	Neighbor IPv4 address
route-map	(Optional) Neighbor route-map
prefix-list	(Optional) Neighbor prefix-list
filter-list	(Optional) Neighbor filter-list
out	(Optional) Outbound policy
in	(Optional) Inbound policy
default-originate	(Optional) Default-originate policy
dampening	Show dampening info
network	Configured IP prefix to advertise
mask	Configured mask of the IP prefix advertised
aggregate-address	Configured BGP aggregate prefixes
suppress-map	Statistics of suppress policy
advertise-map	Statistics of advertise policy
ip-addr	IP network advertised
ip-mask	Dotted 4-octet mask
ip-prefix	IP prefix in CIDR format

Command Mode

- /exec

show bgp

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { { ipv4 { unicast | multicast } | vpnv4 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 labeled-unicast } [<ip-addr> [<ip-mask> [longer-prefixes]] [detail] | <ip-prefix> [longer-prefixes] [detail] | labels | exported | imported | detail] | { ipv6 { unicast | multicast } | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast } [<ipv6-prefix> [longer-prefixes] [detail] | labels | exported | imported | detail] | { ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] } [<ip-addr> [<ip-mask>] | <ip-prefix> | labels | mdt-group <mdt-group>] | { ipv4 | ipv6 } unicast [injected-routes | origin-as validity-state [valid | invalid | not-found]] | link-state [route-type <rt-type> | <ipv4-ls-rt> | <ipv6-ls-rt>] | l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } [{ <ip-addr> [<ip-mask>] | <ip-prefix> } | { ve-id <ve-id> block-offset <ve-bs> }]] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } [join <v4src-addr> <v4grp-addr> <src-asn> | rp <v4src-addr> <grp-v4prefix> <pe-addr> <rp-flags> <rp-priority> <hashlen> | sa <grp-v4prefix> | sa-ad <v4src-addr> <v4grp-addr> | route-type { 1 | 2 | 3 | 4 | 5 | 6 | 7 } [detail]] | route-type { 1 | 2 | 3 | 4 | 5 | 6 | 7 } [detail] | join [detail] | sa-ad [detail] | i-pmsi [detail] | { <v4src-addr> [<v4grp-addr>] | <v4grp-addr> [<v4src-addr>] } [route-type { 1 | 2 | 3 | 4 | 5 | 6 | 7 }] [detail]] | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } [join <v6src-addr> <v6grp-addr> <src-asn> | rp <v6src-addr> <grp-v6prefix> <pe-addr> <rp-flags> <rp-priority> <hashlen> | sa <grp-v6prefix> | sa-ad <v6src-addr> <v6grp-addr> | route-type { 1 | 2 | 3 | 4 | 5 | 6 | 7 } [detail]] | route-type { 1 | 2 | 3 | 4 | 5 | 6 | 7 } [detail] | join [detail] | sa-ad [detail] | i-pmsi [detail] | { <v6src-addr> [<v6grp-addr>] | <v6grp-addr> [<v6src-addr>] } [route-type { 1 | 2 | 3 | 4 | 5 | 6 | 7 }] [detail]] | l2vpn evpn [route-type <rtype> [etid <et>] | detail | rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> } [route-type <rtype> [etid <et>] | <ipv4-evpn-rt> | <ipv6-evpn-rt> | <mac-address>] | vni-id <vni_id> [route-type <rtype> | detail] | es <es-id> [route-type <rtype> [etid <et>]] | <ipv4-evpn-rt> | <ipv6-evpn-rt> | <mac-address>] | all [detail] } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
ip-addr	(Optional) Display one particular network from the BRIB in detail
ip-mask	(Optional) Mask for one particular prefix in the BRIB
ip-prefix	(Optional) Display one particular prefix from the BRIB in detail
longer-prefixes	(Optional) Display route and more specific routes
labels	(Optional) Display BGP labels for prefixes
exported	(Optional) Display only exported prefixes
imported	(Optional) Display only imported prefixes

injected-routes	(Optional) Display only injected prefixes
origin-as	(Optional) Display RPKI origin-as validity
validity-state	(Optional) Display validity state of origin-as for the prefix
valid	(Optional) Display only prefixes with valid origin-as
invalid	(Optional) Display only prefixes with invalid origin-as
not-found	(Optional) Display only prefixes with not-found origin-as
mdt-group	(Optional) Display prefixes with MDT group address
mdt-group	(Optional) MDT group address
rd	(Optional) Display information for a route distinguisher
ve-id	(Optional) VPLS VE ID
ve-id	(Optional) VPLS VE ID
route-type	(Optional) EVPN Route Type number
rtype	(Optional) EVPN route type number
1	(Optional) Inter-AS PMSI AD
2	(Optional) Intra-AS PMSI AD
3	(Optional) SPMSI AD
4	(Optional) LEAF AD
5	(Optional) Source-Active AD
6	(Optional) Shared C-Multicast
7	(Optional) Source C-Multicast
vni-id	(Optional) EVPN VNI ID number
vni_id	(Optional) EVPN VNI ID number
rt-type	(Optional) Link-State route-type
es	(Optional) Ethernet Segment
es-id	(Optional) ESID
etid	(Optional) Ethernet Tag-ID for L2VPN EVPN route
et	(Optional) Ethernet Tag-ID
ipv4-evpn-rt	(Optional) EVPN IPv4 address
ipv4-ls-rt	(Optional) Link-State NLRI with descriptor including IPv4 address

mac-address	(Optional) MAC address
block-offset	(Optional) VPLS VE Block offset
ve-bs	(Optional) VPLS VE Block offset
ext-comm-rd-aa4nn2	(Optional) VPN route distinguisher in aa4:nn or ip:nn format
ext-comm-rd-aa2nn4	(Optional) VPN route distinguisher in aa:nn format
ipv4	Display BGP information for IPv4 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
ipv6	Display BGP information for IPv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
mdt	Display BGP information for multicast distribution tree
link-state	Display BGP information for link-state address family
l2vpn	Display BGP information for L2VPN address family
vpls	Display BGP information for L2VPN VPLS address family
labeled-unicast	Display BGP information for labeled-unicast address family
mvpn	Display BGP information for MVPN address family
evpn	Display BGP information for L2VPN EVPN address family
all	Display BGP information for all address families
join	(Optional) Display Multicast Join route
detail	(Optional) Display detailed path info for routes
sa	(Optional) Display Multicast Source Active AD route
sa-ad	(Optional) Display Multicast Source Active AD route
i-pmsi	(Optional) Display Multicast Intra-AS I-PMSI route
rp	(Optional) Display Multicast Group to RP route
v4src-addr	(Optional) Source IP Address
src-asn	(Optional) Source ASN
v4grp-addr	(Optional) Group IP Address
grp-v4prefix	(Optional) Group IP prefix

pe-addr	(Optional) PE IP Address
rp-flags	(Optional) Flags
rp-priority	(Optional) RP Priority
hashlen	(Optional) Hash mask length
1	(Optional) vrf

Command Mode

- /exec

show bgp

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv4 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast | link-state | l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | l2vpn evpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 labeled-unicast | all } { route-map { <rmap-name> | <rmap-name> } | filter-list { <fltrlist-name> | <test_pol_name> } | { community-list { <commlist-name> | <test_pol_name> } | large-community-list { <large-commlist-name> | <test_pol_name> } | extcommunity-list { <extcommlist-name> | <test_pol_name> } } [exact-match] } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
route-map	Display routes matching the route-map
rmap-name	Route-map name
rmap-name	Known route-map name
filter-list	Display routes matching the filter-list
fltrlist-name	Name of filter-list
community-list	Display routes matching the community-list
commlist-name	Name of community-list
large-community-list	Display routes matching the large-community-list
large-commlist-name	Name of large-community-list
extcommunity-list	Display routes matching the extcommunity-list
extcommlist-name	Name of extcommunity-list
test_pol_name	An existing test-list policy
rd	(Optional) Display information for a route distinguisher
ext-comm-rd-aa4nn2	(Optional) VPN route distinguisher in aa4:nn or ip:nn format

ext-comm-rd-aa2nn4	(Optional) VPN route distinguisher in aa:nn format
ipv4	Display BGP information for IPv4 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
ipv6	Display BGP information for IPv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
mdt	Display BGP information for multicast distribution tree
labeled-unicast	Display BGP information for labeled-unicast address family
link-state	Display BGP information for link-state address family
l2vpn	Display BGP information for L2VPN address family
vpls	Display BGP information for L2VPN VPLS address family
mvpn	Display BGP information for MVPN address family
evpn	Display BGP information for L2VPN EVPN address family
all	Display BGP information for all address families
exact-match	(Optional) Exact match of the communities

Command Mode

- /exec

show bgp

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { { ipv4 { unicast | multicast } | ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv4 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | link-state | l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | l2vpn evpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 labeled-unicast } nexthop <ipnexthop> | { ipv6 { unicast | multicast } | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] } nexthop <ipv6nexthop> } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
rd	(Optional) Display information for a route distinguisher
ext-comm-rd-aa4nn2	(Optional) VPN route distinguisher in aa4:nn or ip:nn format
ext-comm-rd-aa2nn4	(Optional) VPN route distinguisher in aa:nn format
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
nexthop	Display routes matching the nexthop
ipnexthop	Nexthop address
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
mdt	Display BGP information for multicast distribution tree
link-state	Display BGP information for link-state address family
l2vpn	Display BGP information for L2VPN address family
vpls	Display BGP information for L2VPN VPLS address family
evpn	Display BGP information for L2VPN EVPN address family

mvpn	Display BGP information for MVPN address family
labeled-unicast	Display BGP information for labeled-unicast address family

Command Mode

- /exec

show bgp

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } flap-statistics [<ip-prefix> | <ip-addr> [<ip-mask>]] | ipv6 { unicast | multicast } flap-statistics [<ipv6-prefix>] | all flap-statistics } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
flap-statistics	Display route flap statistics
ip-prefix	(Optional) Display flap statistics for one prefix
ip-addr	(Optional) Display flap statistics for one network
ip-mask	(Optional) Network mask
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
all	Display BGP information for all address families

Command Mode

- /exec

show bgp bmp server

show bgp bmp server [<server-id>] [detail]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
bmp	Display BMP state
server	Display BMP server information
server-id	(Optional) Display server specific information
detail	(Optional) Display detailed information

Command Mode

- /exec

show bgp community

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv4 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast | link-state | l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | l2vpn evpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 labeled-unicast | all } community { <regexp-str> | { { <comm-id> | <wellknown-id> } + [exact-match] } } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
rd	(Optional) Display information for a route distinguisher
ext-comm-rd-aa4nn2	(Optional) VPN route distinguisher in aa4:nn or ip:nn format
ext-comm-rd-aa2nn4	(Optional) VPN route distinguisher in aa:nn format
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
mdt	Display BGP information for multicast distribution tree
link-state	Display BGP information for link-state address family
l2vpn	Display BGP information for L2VPN address family
vpls	Display BGP information for L2VPN VPLS address family
labeled-unicast	Display BGP information for labeled-unicast address family
mvpn	Display BGP information for MVPN address family

evpn	Display BGP information for L2VPN EVPN address family
all	Display BGP information for all address families
community	Display routes matching the BGP communities
regexp-str	Regular expression to match the communities
comm-id	BGP community value
wellknown-id	BGP wellknown community
exact-match	(Optional) Exact match of the communities

Command Mode

- /exec

show bgp convergence

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] convergence [detail] [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
convergence	Display information about convergence
detail	(Optional) Display detailed information about convergence

Command Mode

- /exec

show bgp dampening dampened

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv4 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast | link-state | l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | l2vpn evpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 labeled-unicast | all } dampening { dampened-paths [regexp <regexp-str>] | history-paths [regexp <regexp-str>] } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
dampened-paths	Display all dampened paths
history-paths	Display all history paths
dampening	Display dampening info
rd	(Optional) Display information for a route distinguisher
ext-comm-rd-aa4nn2	(Optional) VPN route distinguisher in aa4:nn or ip:nn format
ext-comm-rd-aa2nn4	(Optional) VPN route distinguisher in aa:nn format
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
mdt	Display BGP information for multicast distribution tree
labeled-unicast	Display BGP information for labeled-unicast address family
link-state	Display BGP information for link-state address family

l2vpn	Display BGP information for L2VPN address family
vpls	Display BGP information for L2VPN VPLS address family
mvpn	Display BGP information for MVPN address family
evpn	Display BGP information for L2VPN EVPN address family
all	Display BGP information for all address families
regexp	(Optional) Display routes matching the AS path regular expression
regexp-str	(Optional) Regular expression to match the AS paths

Command Mode

- /exec

show bgp dampening flap-statistics

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv4 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast | link-state | l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | l2vpn evpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 labeled-unicast | all } dampening flap-statistics [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
dampening	Display dampening info
flap-statistics	Display flap statistics for routes
rd	(Optional) Display information for a route distinguisher
ext-comm-rd-aa4nn2	(Optional) VPN route distinguisher in aa4:nn or ip:nn format
ext-comm-rd-aa2nn4	(Optional) VPN route distinguisher in aa:nn format
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
mdt	Display BGP information for multicast distribution tree
labeled-unicast	Display BGP information for labeled-unicast address family
link-state	Display BGP information for link-state address family
l2vpn	Display BGP information for L2VPN address family
vpls	Display BGP information for L2VPN VPLS address family

mvpn	Display BGP information for MVPN address family
evpn	Display BGP information for L2VPN EVPN address family
all	Display BGP information for all address families

Command Mode

- /exec

show bgp dampening parameters

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv4 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast | link-state | l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | l2vpn evpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 labeled-unicast | all } dampening parameters [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
dampening	Display dampening info
parameters	Display dampening parameters
rd	(Optional) Display information for a route distinguisher
ext-comm-rd-aa4nn2	(Optional) VPN route distinguisher in aa4:nn or ip:nn format
ext-comm-rd-aa2nn4	(Optional) VPN route distinguisher in aa:nn format
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
mdt	Display BGP information for multicast distribution tree
labeled-unicast	Display BGP information for labeled-unicast address family
link-state	Display BGP information for link-state address family
l2vpn	Display BGP information for L2VPN address family
vpls	Display BGP information for L2VPN VPLS address family

mvpn	Display BGP information for MVPN address family
evpn	Display BGP information for L2VPN EVPN address family
all	Display BGP information for all address families

Command Mode

- /exec

show bgp evi

show bgp evi [<evi-id>]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
evi	Display information about EVI database
evi-id	(Optional) EVI Id

Command Mode

- /exec

show bgp extcommunity

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv4 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast | link-state | l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | l2vpn evpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 labeled-unicast | all } extcommunity { <regexp-str> | { { 4byteas-generic { transitive <ext-comm-gen-trans> | non-transitive <ext-comm-gen-nontrans> } } + [exact-match] } } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
rd	(Optional) Display information for a route distinguisher
ext-comm-rd-aa4nn2	(Optional) VPN route distinguisher in aa4:nn or ip:nn format
ext-comm-rd-aa2nn4	(Optional) VPN route distinguisher in aa:nn format
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
mdt	Display BGP information for multicast distribution tree
link-state	Display BGP information for link-state address family
labeled-unicast	Display BGP information for labeled-unicast address family
l2vpn	Display BGP information for L2VPN address family
vpls	Display BGP information for L2VPN VPLS address family
mvpn	Display BGP information for MVPN address family

evpn	Display BGP information for L2VPN EVPN address family
all	Display BGP information for all address families
extcommunity	Display routes matching the BGP extcommunities
4byteas-generic	Generic extended community
regexp-str	Regular expression to match the extcommunities
transitive	Transitive extcommunity
non-transitive	Non-Transitive extcommunity
ext-comm-gen-trans	Extcommunity number aa4:nn format
ext-comm-gen-nontrans	Extcommunity number aa4:nn format
exact-match	(Optional) Exact match of the extcommunities

Command Mode

- /exec

show bgp l3vpn

show bgp l3vpn [detail] [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
l3vpn	BGP l3vpn information
vrf	(Optional) Virtual Router Context
detail	(Optional) Detailed information
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

show bgp large-community

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv4 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast | link-state | l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | l2vpn evpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 labeled-unicast | all } large-community { <regexp-str> | { <large-comm-xxyyzz> + [exact-match] } } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
rd	(Optional) Display information for a route distinguisher
ext-comm-rd-aa4nn2	(Optional) VPN route distinguisher in aa4:nn or ip:nn format
ext-comm-rd-aa2nn4	(Optional) VPN route distinguisher in aa:nn format
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
mdt	Display BGP information for multicast distribution tree
link-state	Display BGP information for link-state address family
l2vpn	Display BGP information for L2VPN address family
vpls	Display BGP information for L2VPN VPLS address family
labeled-unicast	Display BGP information for labeled-unicast address family
mvpn	Display BGP information for MVPN address family

evpn	Display BGP information for L2VPN EVPN address family
all	Display BGP information for all address families
large-community	Display routes matching the BGP large communities
regexp-str	Regular expression to match the large communities
large-comm-xxyyzz	Large Community value in xx:yy:zz format
exact-match	(Optional) Exact match of the large communities

Command Mode

- /exec

show bgp neighbors

show bgp { { [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } } | vpnv4 unicast | vpnv6 unicast | ipv6 labeled-unicast | ipv4 labeled-unicast | l2vpn evpn } neighbors { <neighbor-id> | <ipv6-neighbor-id> } { routes [detail | advertised [processed] [detail] | received [detail] | dampened] | advertised-routes [processed] [detail] | received-routes [detail] } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
neighbors	Display all configured BGP neighbors
neighbor-id	Display one particular BGP neighbor
ipv4	Display BGP information for IPv4 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
labeled-unicast	Display BGP information for labeled-unicast address family
ipv6	Display BGP information for IPv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
all	Display BGP information for all address families
l2vpn	Display BGP information for L2VPN address family
evpn	Display BGP information for L2VPN EVPN address family
routes	Display all routes advertised/received to/from peer
advertised	(Optional) Display all routes advertised to this peer
received	(Optional) Display all routes received from this peer
advertised-routes	Display all the routes advertised to this peer
received-routes	Display all the routes received from this peer
dampened	(Optional) Display all dampened routes received from this peer

detail	(Optional) Display detailed output
processed	(Optional) Display advertised routes after outbound route-map

Command Mode

- /exec

show bgp neighbors

show bgp { { [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } } | vpnv4 unicast | vpnv6 unicast | ipv6 labeled-unicast | link-state | l2vpn vpls | l2vpn evpn | ipv4 mvpn | ipv6 mvpn | ipv4 labeled-unicast } neighbors [{ <neighbor-id> | <ipv6-neighbor-id> | <neighbor-prefix-id> | <ipv6-neighbor-prefix-id> | <neighbor-interface> }] [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
neighbors	Display all configured BGP neighbors
neighbor-id	(Optional) Display one particular BGP neighbor
neighbor-prefix-id	(Optional) Display details for a prefix peering
neighbor-interface	(Optional) Display details for BGP interface peering
ipv4	Display BGP information for IPv4 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
ipv6	Display BGP information for IPv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
labeled-unicast	Display BGP information for labeled-unicast address family
link-state	Display BGP information for link-state address family
l2vpn	Display BGP information for L2VPN address family
vpls	Display BGP information for L2VPN VPLS address family
mvpn	Display BGP information for MVPN address family
evpn	Display BGP information for L2VPN EVPN address family
all	Display BGP information for all address families

Command Mode

- /exec

show bgp neighbors commands

show bgp { { [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } } | vpnv4 unicast | vpnv6 unicast | l2vpn evpn } neighbors { <neighbor-id> | <ipv6-neighbor-id> } commands [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
neighbor-id	Display one particular BGP neighbor
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
all	Display BGP information for all address families
l2vpn	Display BGP information for L2VPN address family
evpn	Display BGP information for L2VPN EVPN address family
neighbors	Display all configured BGP neighbors
commands	Display details on commands

Command Mode

- /exec

show bgp neighbors flap-statistics

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } neighbors { <neighbor-id> | <ipv6-neighbor-id> } flap-statistics [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
neighbors	Display all configured BGP neighbors
neighbor-id	Display one particular BGP neighbor
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
all	Display BGP information for all address families
flap-statistics	Display flap statistics for routes received from this peer

Command Mode

- /exec

show bgp neighbors paths

show bgp { { [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } } | vpnv4 unicast | vpnv6 unicast | ipv6 labeled-unicast | ipv4 labeled-unicast | link-state | l2vpn evpn } neighbors { <neighbor-id> | <ipv6-neighbor-id> } paths [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
neighbors	Display all configured BGP neighbors
neighbor-id	Display one particular BGP neighbor
ipv4	Display BGP information for IPv4 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
ipv6	Display BGP information for IPv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
labeled-unicast	Display BGP information for labeled-unicast address family
link-state	Display BGP information for link-state address family
all	Display BGP information for all address families
l2vpn	Display BGP information for L2VPN address family
evpn	Display BGP information for L2VPN EVPN address family
paths	Display AS paths learned from this peer

Command Mode

- /exec

show bgp path-attribute discard

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv4 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | link-state | l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | l2vpn evpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 labeled-unicast | ipv6 { unicast | multicast } | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] } path-attribute { discard | unknown } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
rd	(Optional) Display information for a route distinguisher
ext-comm-rd-aa4nn2	(Optional) VPN route distinguisher in aa4:nn or ip:nn format
ext-comm-rd-aa2nn4	(Optional) VPN route distinguisher in aa:nn format
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
mdt	Display BGP information for multicast distribution tree
link-state	Display BGP information for link-state address family
l2vpn	Display BGP information for L2VPN address family
vpls	Display BGP information for L2VPN VPLS address family
evpn	Display BGP information for L2VPN EVPN address family
mvpn	Display BGP information for MVPN address family
labeled-unicast	Display BGP information for labeled-unicast address family

path-attribute	path attribute on a route
discard	discard the path attribute
unknown	unknown path attribute

Command Mode

- /exec

show bgp paths

show [ip] bgp paths

Syntax Description

show	Show running system information
ip	(Optional) Display IP information
bgp	Display BGP status and configuration
paths	Display Path information

Command Mode

- /exec

show bgp peer-template

show [ip] bgp peer-template [<peer-template-name>]

Syntax Description

show	Show running system information
ip	(Optional) Display IP information
bgp	Display BGP status and configuration
peer-template	Display information about a peer-template
peer-template-name	(Optional) Peer-template name

Command Mode

- /exec

show bgp peer

show [ip] bgp { peer-session [<session-template-name>] | peer-policy [<policy-template-name>] }

Syntax Description

show	Show running system information
ip	(Optional) Display IP information
bgp	Display BGP status and configuration
peer-session	Display information about a peer-session
peer-policy	Display information about a peer-policy
session-template-name	(Optional) Peer-session name
policy-template-name	(Optional) Peer-policy name

Command Mode

- /exec

show bgp prefix-list

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } } prefix-list { <prfxlist-name> | <test_pol_name> } [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
prefix-list	Display routes matching the prefix-list
prfxlist-name	Name of prefix-list
test_pol_name	An existing test-list policy
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family

Command Mode

- /exec

show bgp private attr

show bgp private attr [database | as-path | nve-peer | community | large-community | extcommunity | srte-policy | prefix-sid | srv6 | attrset] [brief]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
private	Show BGP information intended for developer eyes only
attr	Show BGP attributes
database	(Optional) Show attribute set table
as-path	(Optional) Show AS-PATH attribute table
nve-peer	(Optional) Show NVE peer attribute table
community	(Optional) Show community attribute table
large-community	(Optional) Show large community attribute table
extcommunity	(Optional) Show extended community attribute table
srte-policy	(Optional) Show SRTE policy attribute table
prefix-sid	(Optional) Show prefix SID attribute table
srv6	(Optional) Show SRv6 attribute table
attrset	(Optional) Show ATTRSET attribute table
brief	(Optional) Show brief info

Command Mode

- /exec

show bgp private debug history

show bgp private debug history { all | ead-es | es | mac | cloudsec }

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
private	Show BGP information intended for developer eyes only
debug	Debug
history	history
all	all
ead-es	ead-es
es	es
mac	mac
cloudsec	cloudsec

Command Mode

- /exec

show bgp process

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] process [detail] [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
process	BGP global information
detail	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name

Command Mode

- /exec

show bgp received-paths

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | ipv4 mdt [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv4 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | vpnv6 unicast [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 labeled-unicast | link-state | l2vpn vpls [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv6 mvpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | l2vpn evpn [rd { <ext-comm-rd-aa2nn4> | <ext-comm-rd-aa4nn2> }] | ipv4 labeled-unicast | all } received-paths [private] [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
received-paths	Display paths stored for soft-reconfig
rd	(Optional) Display information for a route distinguisher
ext-comm-rd-aa4nn2	(Optional) VPN route distinguisher in aa4:nn or ip:nn format
ext-comm-rd-aa2nn4	(Optional) VPN route distinguisher in aa:nn format
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
mdt	Display BGP information for multicast distribution tree
labeled-unicast	Display BGP information for labeled-unicast address family
link-state	Display BGP information for link-state address family
l2vpn	Display BGP information for L2VPN address family
vpls	Display BGP information for L2VPN VPLS address family
mvpn	Display BGP information for MVPN address family

evpn	Display BGP information for L2VPN EVPN address family
all	Display BGP information for all address families
private	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED

Command Mode

- /exec

show bgp regexp

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } regexp <regexp-str> [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
all	Display BGP information for all address families
regexp	Display routes matching the AS path regular expression
regexp-str	Regular expression to match the AS paths

Command Mode

- /exec

show bgp rpki cache

show bgp rpki cache [<ipv4-addr> | <ipv6-addr>]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
rpki	Display RPKI information
cache	Display RPKI cache information
ipv4-addr	(Optional) Display one particular RPKI IPv4 cache

Command Mode

- /exec

show bgp rpki summary

show bgp rpki summary

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
rpki	Display RPKI information
summary	Display RPKI summary information

Command Mode

- /exec

show bgp rpki table ipv4

show bgp rpki table { ipv4 [<ip-prefix>] | ipv6 [<ipv6-prefix>] }

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
rpki	Display RPKI information
table	Display RPKI table information
ipv4	Display IPv4 RPKI table information
ip-prefix	(Optional) Display one particular prefix from RPKI
ipv6	Display IPv6 RPKI table information

Command Mode

- /exec

show bgp segment-routing srv6

show bgp segment-routing srv6

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
segment-routing	Display segment-routing informstion
srv6	Display segment-routing srv6 information

Command Mode

- /exec

show bgp self-originated

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } self-originated [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
all	Display BGP information for all address families
self-originated	Self originated routes

Command Mode

- /exec

show bgp sessions

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] sessions [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
sessions	Display session information for all peers

Command Mode

- /exec

show bgp statistics

show bgp statistics

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
statistics	BGP global statistics

Command Mode

- /exec

show bgp summary

show bgp { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | ipv4 mdt | vpnv4 unicast | vpnv6 unicast | ipv6 labeled-unicast | link-state | l2vpn vpls | ipv4 mvpn | ipv6 mvpn | l2vpn evpn | ipv4 labeled-unicast | all } summary [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }]

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
summary	Display summarized information of BGP state
ipv4	Display BGP information for IPv4 address family
vpnv4	Display BGP information for VPNv4 address family
vpnv6	Display BGP information for VPNv6 address family
ipv6	Display BGP information for IPv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
labeled-unicast	Display BGP information for labeled-unicast address family
mdt	Display BGP information for multicast distribution tree
link-state	Display BGP information for link-state address family
l2vpn	Display BGP information for L2VPN address family
vpls	Display BGP information for L2VPN VPLS address family
mvpn	Display BGP information for MVPN address family
evpn	Display BGP information for L2VPN EVPN address family
all	Display BGP information for all address families

Command Mode

- /exec

show bgp summary

show bgp [vrf { <vrf-name> | <vrf-known-name> | ALL_VRFS_012345678901234 }] { ipv4 { unicast | multicast } | ipv6 { unicast | multicast } | all } summary

Syntax Description

show	Show running system information
bgp	Display BGP status and configuration
vrf	(Optional) Virtual Router Context
vrf-name	(Optional) VRF name
vrf-known-name	(Optional) Known VRF name
summary	Display summarized information of BGP state
ipv4	Display BGP information for IPv4 address family
ipv6	Display BGP information for IPv6 address family
unicast	Display BGP information for unicast address family
multicast	Display BGP information for multicast address family
all	Display BGP information for all address families

Command Mode

- /exec

show boot

show boot

Syntax Description

show	Show running system information
boot	Show Bootvar Variables

Command Mode

- /exec

show boot auto-copy

show boot auto-copy

Syntax Description

show	Show running system information
boot	Show Bootvar Variables
auto-copy	See if autocopy is turned on

Command Mode

- /exec

show boot auto-copy list

show boot auto-copy list

Syntax Description

show	Show running system information
boot	Show Bootvar Variables
auto-copy	See if autocopy is turned on
list	Show the list of files to be auto-copied

Command Mode

- /exec

show boot current

show boot current

Syntax Description

show	Show running system information
boot	Show Bootvar Variables
current	Show Current Bootvar Variables

Command Mode

- /exec

show boot mode

show boot mode

Syntax Description

show	Show boot mode information
boot	Show boot mode
mode	See if lxc boot is turned on

Command Mode

- /exec

show boot order

show boot order

Syntax Description

show	Show running system information
boot	Show Bootvar Variables
order	Show Boot Order

Command Mode

- /exec

show boot timings

show [system internal] boot timings [detail]

Syntax Description

show	Show running system information
system	(Optional) System-related show commands
internal	(Optional) Commands for internal use
boot	show boot information
timings	show boot timings
detail	(Optional) show detailed time statistics

Command Mode

- /exec

show boot variables

show boot variables

Syntax Description

show	Show running system information
boot	Show Bootvar Variables
variables	Display the list of boot variables

Command Mode

- /exec

show buffer-drop detail

show buffer-drop detail

Syntax Description

show	Show running system information
buffer-drop	Show Buffer Drop information
detail	Show Session Configuration

Command Mode

- /exec

show buffer-latency detail

show buffer-latency detail

Syntax Description

show	Show running system information
buffer-latency	Show Buffer Drop information
detail	Show Session Configuration

Command Mode

- /exec