



## G Commands

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# generate type7\_encrypted\_secret

generate type7\_encrypted\_secret

Syntax Description

generate	generate
type7_encrypted_secret	Type 7 Encrypted Secret

Command Mode

- /exec

# global-block

```
{ { global-block <min-srgb-label> <max-srgb-label> } | { no global-block } }
```

## Syntax Description

no	Negate a command or set its defaults
global-block	Specify global block range for Segment Routing bindings
min-srgb-label	Minimum label value
max-srgb-label	Maximum label value

## Command Mode

- /exec/configure/config-sr-mpls

# global ingress-replication protocol bgp

[no] global ingress-replication protocol bgp

Syntax Description

no	(Optional) Negate a command or set its defaults
global	Global configurations for nve, inherited by VNIs
ingress-replication	Configure ingress replication
protocol	Control protocol to use
bgp	Border Gateway Protocol

Command Mode

- /exec/configure/if-nve

## global mcast-group L2

global mcast-group { <maddr> } { L2 | L3 } | no global mcast-group { L2 | L3 }

Syntax Description

no	Negate a command or set its defaults
global	Global configurations for nve, inherited by VNIs
mcast-group	NVE Multicast Group
L2	Global mcast-group <arg> for L2 VNIs
L3	Global mcast-group <arg> for L3 VNIs
maddr	Multicast IP Prefix

Command Mode

- /exec/configure/if-nve

# global suppress-arp

[no] global suppress-arp

Syntax Description

no	(Optional) Negate a command or set its defaults
global	Global configurations for nve, inherited by VNIs
suppress-arp	Enable ARP suppression

Command Mode

- /exec/configure/if-nve

# graceful-restart-helper

[no] graceful-restart-helper

Syntax Description

no	(Optional) Negate a command or set its defaults
graceful-restart-helper	Configure Graceful Restart Helper mode functionality

Command Mode

- /exec/configure/router-bgp/vrf-cmds



# graceful-restart

```
graceful-restart [ timers { forwarding-holding <fdwg-holdtime> | max-recovery <recovery-time> |
neighbor-liveness <peer-liveness-time> } ] | no graceful-restart [ timers { forwarding-holding | max-recovery
| neighbor-liveness } ]
```

## Syntax Description

no	Negate a command or set its defaults
graceful-restart	Configure LDP Graceful Restart
timers	(Optional) Configure Graceful Restart timers
forwarding-holding	(Optional) Forwarding State Holding time
fdwg-holdtime	(Optional) seconds
max-recovery	(Optional) Max-Recovery time
recovery-time	(Optional) seconds
neighbor-liveness	(Optional) Neighbor-Liveness time
peer-liveness-time	(Optional) seconds

## Command Mode

- /exec/configure/ldp

# graceful-restart

[no] graceful-restart

Syntax Description

no	(Optional) Negate a command or set its defaults
graceful-restart	Enable graceful restart for IS-IS

Command Mode

- /exec/configure/router-isis/router-isis-vrf-common

# graceful-restart

[no] graceful-restart [ planned-only ]

Syntax Description

no	(Optional) Negate a command or set its defaults
graceful-restart	Configure graceful restart
planned-only	(Optional) Enable graceful restart only for a planned restart

Command Mode

- /exec/configure/router-ospf3 /exec/configure/router-ospf3/vrf

# graceful-restart

[no] graceful-restart [ planned-only ]

Syntax Description

no	(Optional) Negate a command or set its defaults
graceful-restart	Configure graceful restart
planned-only	(Optional) Enable graceful restart only for a planned restart

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

# graceful-restart

[no] graceful-restart

Syntax Description

no	(Optional) Negate a command or set its defaults
graceful-restart	Configure Graceful Restart functionality

Command Mode

- /exec/configure/router-bgp/vrf-cmds

# graceful-restart

[no] graceful-restart

Syntax Description

no	(Optional) Negate a command or set its defaults
graceful-restart	Enable graceful restart for IS-IS

Command Mode

- /exec/configure/otv-isis/otv-isis-vrf-common

# graceful-restart

[no] graceful-restart

Syntax Description

no	(Optional) Negate a command or set its defaults
graceful-restart	Enable graceful restart for IS-IS

Command Mode

- /exec/configure/l2mp-isis/l2mp-isis-vrf-common

## graceful-restart grace-period

[no] graceful-restart grace-period <grace-period>

Syntax Description

no	(Optional) Negate a command or set its defaults
graceful-restart	Configure graceful restart
grace-period	Configure maximum interval to restart gracefully
grace-period	Grace period in seconds

Command Mode

- /exec/configure/router-ospf3 /exec/configure/router-ospf3/vrf



## graceful-restart grace-period

[no] graceful-restart grace-period <grace-period>

Syntax Description

no	(Optional) Negate a command or set its defaults
graceful-restart	Configure graceful restart
grace-period	Configure maximum interval to restart gracefully
grace-period	Grace period in seconds

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

## graceful-restart helper-disable

[no] graceful-restart helper-disable

Syntax Description

no	(Optional) Negate a command or set its defaults
graceful-restart	Configure graceful restart
helper-disable	Disable helper mode

Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/vrf

# graceful-restart helper-disable

[no] graceful-restart helper-disable

Syntax Description

no	(Optional) Negate a command or set its defaults
graceful-restart	Configure graceful restart
helper-disable	Disable helper mode

Command Mode

- /exec/configure/router-ospf3 /exec/configure/router-ospf3/vrf

## graceful-restart restart-time

graceful-restart restart-time <restart-time> | no graceful-restart restart-time [ <restart-time> ]

Syntax Description

no	Negate a command or set its defaults
graceful-restart	Configure Graceful Restart functionality
restart-time	Maximum time for restart advertised to peers
restart-time	Restart time (seconds)

Command Mode

- /exec/configure/router-bgp/vrf-cmds

## graceful-restart stalepath-time

graceful-restart stalepath-time <stalepath-time> | no graceful-restart stalepath-time [ <stalepath-time> ]

Syntax Description

no	Negate a command or set its defaults
graceful-restart	Configure Graceful Restart functionality
stalepath-time	Maximum time to keep a restarting peer's stale routes
stalepath-time	Stalepath time (seconds)

Command Mode

- /exec/configure/router-bgp/vrf-cmds

# graceful-restart t3 manual

graceful-restart t3 manual <sec> | no graceful-restart t3 manual [ <sec> ]

## Syntax Description

no	Negate a command or set its defaults
graceful-restart	Enable graceful restart for IS-IS
t3	Set the T3 (RFC 3847) graceful restart timer
manual	Change manually T3 default value
sec	Specify T3 value (secs)

## Command Mode

- /exec/configure/l2mp-isis/l2mp-isis-vrf-common

# graceful-restart t3 manual

graceful-restart t3 manual <sec> | no graceful-restart t3 manual [ <sec> ]

## Syntax Description

no	Negate a command or set its defaults
graceful-restart	Enable graceful restart for IS-IS
t3	Set the T3 (RFC 3847) graceful restart timer
manual	Change manually T3 default value
sec	Specify T3 value (secs)

## Command Mode

- /exec/configure/router-isis/router-isis-vrf-common

## graceful-restart t3 manual

graceful-restart t3 manual <sec> | no graceful-restart t3 manual [ <sec> ]

### Syntax Description

no	Negate a command or set its defaults
graceful-restart	Enable graceful restart for IS-IS
t3	Set the T3 (RFC 3847) graceful restart timer
manual	Change manually T3 default value
sec	Specify T3 value (secs)

### Command Mode

- /exec/configure/otv-isis/otv-isis-vrf-common



## graceful-shutdown activate

[no] graceful-shutdown activate [ route-map <rmap-name> ]

### Syntax Description

no	(Optional) Negate a command or set its defaults
graceful-shutdown	Graceful-shutdown for BGP protocol
activate	Send graceful-shutdown community on all routes
route-map	(Optional) Apply route-map to modify attributes for outbound
rmap-name	(Optional) Route-map name

### Command Mode

- /exec/configure/router-bgp

## graceful-shutdown activate

[ no | default ] graceful-shutdown activate [ route-map <rmap-name> ]

Syntax Description

no	(Optional) Negate a command or set its defaults
default	(Optional) Inherit values from a peer template
graceful-shutdown	Graceful-shutdown for this neighbor
activate	Send graceful-shutdown community
route-map	(Optional) Apply route-map to modify attributes for outbound
rmap-name	(Optional) Route-map name

Command Mode

- /exec/configure/router-bgp/router-bgp-neighbor-sess

# graceful-shutdown aware

[no] graceful-shutdown aware

Syntax Description

no	(Optional) Negate a command or set its defaults
graceful-shutdown	Graceful-shutdown for BGP protocol
aware	Lower preference of routes carrying graceful-shutdown community

Command Mode

- /exec/configure/router-bgp

# graceful consistency-check

[no] graceful consistency-check

Syntax Description

no	(Optional) Negate a command or set its defaults
graceful	Enable graceful features
consistency-check	Enable graceful type-1 consistency check

Command Mode

- /exec/configure/vpc-domain

# grep

```
| { grep | egrep } [ count | ignore-case | line-number | invert-match | word-exp | line-exp | <ctx> | next <num>
| prev <num> ] + <expr>
```

## Syntax Description

	Pipe command output to filter
grep	Grep - print lines matching a pattern
egrep	Egrep - print lines matching a pattern
count	(Optional) Print a total count of matching lines only
ignore-case	(Optional) Ignore case difference when comparing strings
line-number	(Optional) Print each match preceded by its line number
invert-match	(Optional) Print only lines that contain no matches for <expr>
word-exp	(Optional) Print only lines where the match is a complete word
line-exp	(Optional) Print only lines where the match is a whole line
ctx	(Optional) Print <num> lines of context on each side of every match
next	(Optional) Print <num> lines of context after every matching line
prev	(Optional) Print <num> lines of context before every matching line
num	(Optional) Print <num> lines of context
expr	Search for the expression

## Command Mode

- /output

# grep

| { grep | egrep } [ -c | -i | -n | -v | -w | -x | <ctx> | -A <num> | -B <num> ] + <expr>

## Syntax Description

	Pipe command output to filter
grep	Grep - print lines matching a pattern
egrep	Egrep - print lines matching a pattern
-c	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
-i	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
-n	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
-v	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
-w	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
-x	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
ctx	(Optional) Print <num> lines of context on each side of every match
-A	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
-B	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
num	(Optional) Print <num> lines of context
expr	Search for the expression

## Command Mode

- /output

# grep

```
| { grep | egrep } [ -c | -i | -n | -v | -w | -x | <ctx> | -A <num> | -B <num> ] + [ -- ] <expr>
```

## Syntax Description

	Pipe command output to filter
grep	Grep
egrep	Egrep
-c	(Optional) Print a total count of matching lines only
-i	(Optional) Ignore case difference when comparing strings
-n	(Optional) Print each match preceded by its line number
-v	(Optional) Print only lines that contain no matches for <expr>
-w	(Optional) Print only lines where the match is a complete word
-x	(Optional) Print only lines where the match is a whole line
ctx	(Optional) Print <num> lines of context on each side of every match
-A	(Optional) Print <num> lines of context after every matching line
-B	(Optional) Print <num> lines of context before every matching line
num	(Optional) Print <num> lines of context
--	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
expr	Search for the expression

## Command Mode

- /output

## group drop-events

[no] group drop-events

Syntax Description

group	Group for which the events need to be set
drop-events	Set events for drops

Command Mode

- /exec/configure/config-fte-event



## group latency-events

[no] group latency-events

Syntax Description

group	Group for which the events need to be set
latency-events	Set events for latency events

Command Mode

- /exec/configure/config-fte-event

# guestshell

```
guestshell [ { enable [ { package <enable_uri> } ] } | { upgrade [ { package <upgrade_uri> } ] } | { export {
rootfs package <export_uri> } | { disable } | { destroy } | { reboot } | <sync_cmd_name> | { resize { rootfs
<gsh_rootfs> | cpu <gsh_cpu> | memory <gsh_memory> } } | { run { <cmd_args> } } ]
```

## Syntax Description

guestshell	Request a guest shell
enable	(Optional) Enable the guest shell service
upgrade	(Optional) Upgrade the guest shell service package to a different version
export	(Optional) Export the guest shell
export_uri	(Optional) Destination file or directory path
disable	(Optional) Disable the guest shell service package
destroy	(Optional) Disable and uninstall the guest shell service package
sync_cmd_name	(Optional) Synchronize the contents of the guest shell to standby supervisor
reboot	(Optional) Deactivate and reactivate the guest shell service
resize	(Optional) Resize the existing/default guest shell parameters
rootfs	(Optional) Guest shell root filesystem disk image
gsh_rootfs	(Optional) New root filesystem size (in MB)
cpu	(Optional) System CPU share allocated to guest shell
gsh_cpu	(Optional) New CPU share allocation (as % of system CPU)
memory	(Optional) System memory allocated to guest shell
gsh_memory	(Optional) New memory size (in MB)
package	(Optional) Package location
enable_uri	(Optional) File name for the virtual service
upgrade_uri	(Optional) File name for the virtual service
run	(Optional) Execute/run program in the guest shell
cmd_args	(Optional) Executable with optional arguments

## Command Mode

- /exec

# gunzip

gunzip <uri0>

Syntax Description

gunzip	Uncompresses LZ77 coded files
uri0	Enter filename (filename must have .gz extension)

Command Mode

- /exec

# gzip

gzip <uri0>

Syntax Description

gzip	Compresses file using LZ77 coding
uri0	Enter filename

Command Mode

- /exec