



## 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

# getnext

| getnext

## Syntax Description

	Pipe command output to filter
getnext	return next instance instead of specified one, or first instance if none specified (if supported by feature)

## Command Mode

- /output

# global-block

[no] global-block <min-srgb-label> <max-srgb-label>

## Syntax Description

no	(Optional) Negate a command or set its defaults
global-block	Specify global block range for Segment Routing bindings
<i>min-srgb-label</i>	Minimum label value
<i>max-srgb-label</i>	Maximum label value

## Command Mode

- /exec/configure/ulib

# 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

[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 [ 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

```
graceful-restart [ timers { forwarding-holding <fwdg-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
<i>fwdg-holdtime</i>	(Optional) seconds
max-recovery	(Optional) Max-Recovery time
<i>recovery-time</i>	(Optional) seconds
neighbor-liveness	(Optional) Neighbor-Liveness time
<i>peer-liveness-time</i>	(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/otv-isis/otv-isis-vrf-common

# graceful-restart

```
{ { [ no ] [ eigrp ] graceful-restart } | { [ no ] nsf } }
```

## Syntax Description

no	(Optional) Negate a command or set its defaults
eigrp	(Optional) EIGRP router configuration commands
graceful-restart	Peer resync without adjacency reset
nsf	Non-stop forwarding

## Command Mode

- /exec/configure/router-eigrp/router-eigrp-vrf-common /exec/configure/router-eigrp/router-eigrp-af-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/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 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
<i>grace-period</i>	Grace period in seconds

## Command Mode

- /exec/configure/router-ospf /exec/configure/router-ospf/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
<i>grace-period</i>	Grace period in seconds

### Command Mode

- /exec/configure/router-ospf3 /exec/configure/router-ospf3/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
<i>restart-time</i>	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
<i>stalepath-time</i>	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
<i>sec</i>	Specify T3 value (secs)

## Command Mode

- /exec/configure/otv-isis/otv-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
<i>sec</i>	Specify T3 value (secs)

## Command Mode

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

# 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	(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
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
--	(Optional) --
expr	Search for the expression

## Command Mode

- /output



# 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
<i>export_uri</i>	(Optional) Destination file or directory path
disable	(Optional) Disable the guest shell service package
destroy	(Optional) Disable and uninstall the guest shell service package
<i>sync_cmd_name</i>	(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
<i>gsh_rootfs</i>	(Optional) New root filesystem size (in MB)
cpu	(Optional) System CPU share allocated to guest shell
<i>gsh_cpu</i>	(Optional) New CPU share allocation (as % of system CPU)
memory	(Optional) System memory allocated to guest shell
<i>gsh_memory</i>	(Optional) New memory size (in MB)
package	(Optional) Package location
<i>enable_uri</i>	(Optional) File name for the virtual service
<i>upgrade_uri</i>	(Optional) File name for the virtual service
run	(Optional) Execute/run program in the guest shell
<i>cmd_args</i>	(Optional) Executable with optional arguments

## Command Mode

- /exec

# gunzip

gunzip <uri0>

## Syntax Description

gunzip	Uncompresses LZ77 coded files
<i>uri0</i>	Enter filename (filename must have .gz extension)

## Command Mode

- /exec

# gzip

gzip <uri0>

## Syntax Description

gzip	Compresses file using LZ77 coding
<i>uri0</i>	Enter filename

## Command Mode

- /exec

