



G Commands

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generate type7_encrypted_secret

generate type7_encrypted_secret

Syntax Description

Syntax Description

generate	generate
type7_encrypted_secret	Type 7 Encrypted Secret

Command Mode

- /exec

getnext

| getnext

Syntax Description

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

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

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

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

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 [planned-only]

Syntax Description

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

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

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

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

Syntax Description

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 grace-period

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

Syntax Description

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

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

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

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

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

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

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-restart t3 manual

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

Syntax Description

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

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

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

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

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> } ] } | { disable }
| { destroy } | { reboot } | <sync_cmd_name> | { resize { rootfs <gsh_rootfs> | cpu <gsh_cpu> | memory
<gsh_memory> } } | { run { <cmd_args> } } ]
```

Syntax Description

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
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) Resize the guest shell root filesystem to a larger value
<i>gsh_rootfs</i>	(Optional) New root filesystem size (in MB)
cpu	(Optional) Resize the system CPU share allocated to guest shell
<i>gsh_cpu</i>	(Optional) New CPU share allocation (as % of system CPU)
memory	(Optional) Resize the 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 (with .ova extension) for the virtual service
<i>upgrade_uri</i>	(Optional) File name (with .ova extension) 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

Syntax Description

gunzip Uncompresses LZ77 coded files

uri0 Enter filename (filename must have .gz extension)

Command Mode

- /exec

gzip

gzip <uri0>

Syntax Description

Syntax Description

gzip Compresses file using LZ77 coding

uri0 Enter filename

Command Mode

- /exec

