Configuration Commands

gw-action:request admin-tech

To create admin tech logs file which is required for customer support, use the **gw-action**:**request admin-tech** command in user EXEC mode.

gw-action : request   admin-tech

Syntax Description   This command has no arguments or keywords.

Command Default   This command has no default settings.

Command Modes   User EXEC

Command History

Command History

Release	Modification
Cisco IOS XE Amsterdam 17.3.x release	This command was introduced.

Usage Guidelines   Use the **gw-action**:**request admin-tech** command to create admin tech logs file that is used for troubleshooting purposes for customer support.

Examples

```
CG522-E# gw-action:request admin-tech
Log
Creating support bundle, please wait...
Support file CG522-E.support.user.20230120.114157.tgz created in /flash
```

gw-action:request file list

To display the files listed on the specified location, use the **gw-action**:**request file list** command in the user EXEC mode.

gw-action: request   file list

Syntax Description   This command has no arguments or keywords.

Command Default   This command has no default settings.

Command Modes   User EXEC

Command History

Command History

Release	Modification
Cisco IOS XE Amsterdam 17.3.x release	This command was introduced.

Usage Guidelines

Examples   This example shows how to view all the file related actions that you can perform:

```
gw-action:request file list
-rw-r--r-- 59906252 Sep 22 18:44 CG522-E.support.20220922.184252.tgz
-rw-r--r-- 199807 Jan 20 11:42 CG522-E.support.user.20230120.114157.tgz
drwxrwxrwx 4096 Jan 17 21:02 DL-SW-IMAGES
-rw-r--r-- 1761 Nov 5 15:55 cacert.pem
d--------- 4096 Aug 21 2021 fw_upgrade_sysinfo
-rw-r--r-- 0 Mar 18 2022 issue.pcap
drwx------ 16384 Oct 1 2021 lost+found
-rw-r--r-- 1761 Oct 1 2021 old_cacert.pem
drwxr-xr-x 4096 Jan 20 11:41 storage
-rw-r--r-- 175 Jan 20 11:39 sw_script_upg_confirm.log
-rw-r--r-- 7626 Jan 17 21:03 sw_script_upgrade_task.log
drwxr-xr-x 4096 Oct 1 2021 tmp
```

gw-action:request ping

To display the IPv4 and IPv6 ping information, use the **gw-action**:**request ping** command in user EXEC mode.

gw-action: request   ping

Syntax Description   This command has no arguments or keywords.

Command Default   This command has no default settings.

Command Modes   User EXEC

Command History

Command History

Release	Modification
Cisco IOS XE Amsterdam 17.3.x release	This command was introduced.

Usage Guidelines

Examples   This example shows the ping information for the IPv4 and IPv6 addresses:

```
gw-action:request ping 192.0.2.12
Success :192.0.2.12 (192.0.2.12): 56 data bytes
192.0.2.12 ping statistics
5 packets transmitted, 5 packets received, 0% packet loss round
trip min/avg/max = 43.438/51.709/56.303 ms
```

```
gw-action:request ping 2001:DB8::1
Success :2001:DB8::1 (2001:DB8::1): 56 data bytes
2001:DB8::1 ping statistics
5 packets transmitted, 5 packets received, 0% packet loss round
trip min/avg/max = 32.468/40.010/49.135 ms
```

gw-action:request software

To display all the software related information, use the **gw-action**:**request software** command in user EXEC mode.

gw-action: request   software

Syntax Description   This command has no arguments or keywords.

Command Default   This command has no default settings.

Command Modes   User EXEC

Command History

Command History

Release	Modification
Cisco IOS XE Amsterdam 17.3.x release	This command was introduced.

Usage Guidelines

Examples   This example shows all the software image related operations:

```
gw-action:request software
Possible completions:
  activate   Activate software image
  download   Download software image or other file to the device
  install    Install software image
  upgrade    Download, Install and Activate software
```

gw-action:request system reboot

To perform the system reboot, use the **gw-action: request system reboot** command in user EXEC mode.

gw-action: request   system   reboot

Syntax Description

This command has no arguments or keywords.

Command Default

This command has no default settings.

Command Modes

User EXEC

Command History

Command History

Release	Modification
Cisco IOS XE Amsterdam 17.3.x release	This command was introduced.

Usage Guidelines

Use the **gw-action: request system reboot** command to perform the system reboot.

This example shows how to perform the system reboot:

```
Router# gw-action:request system reboot
```

request root-cert-chain install

To install the root certificate chain, use the **request root-cert-chain install** command in user EXEC mode.

request   root-cert-chain   install

Syntax Description   This command has no arguments or keywords.

Command Default   This command has no default settings.

Command Modes   User EXEC

Command History

Command History

Release	Modification
Cisco IOS XE Amsterdam 17.3.x release	This command was introduced.

Usage Guidelines   Use the **request root-cert-chain install** command to install the root certificate chain.

This example shows how to install the root certificate chain:

```
Router# request root-cert-chain install /flash/cacert.pem
Root CA certificate chain install script called:
/usr/bin/vconfd_script_upload_root_ca_crt_chain.sh -cli path /flash/cacert.pem
Uploading root-ca-cert-chain via VPN 0 true
sh: //AP_PLATFORM_DESCR: unknown operand
Copying ... /flash/cacert.pem via VPN 0 true
Installing the new root certificate chain true
Successfully installed the root certificate chain true
```

cellular 1 profile-reset

To restore the default profile settings on a device, use the **cellular1profile-reset** command in user EXEC mode.

cellular   1 profile-reset

Syntax Description   This command has no arguments or keywords.

Command Default   No default behavior or values.

Command Modes   User EXEC

Command History

Release	Modification
Cisco IOS XE 17.18.1a	This command was introduced.

Usage Guidelines   The cellular reset profile command can be used to completely clear the cellular network settings associated with a specific profile and restore the settings to factory default.

Example

```
CellularGateway# cellular 1 profile-reset
```

crash-action

To set the crash action on the modem upon a crash. The device can be configured to auto collect the crash dump data or to boot-and-hold mode.

crash-action   *?*

Syntax Description		
crash-action	Specify the action the device should take when a modem crash is detected.	
auto-collect	Device remains in a crash state, auto collects crash dump data and resets the device.	
boot-and-hold	Device remains in crash state.	

Command Modes   User EXEC

Command History

Release	Modification
Cisco IOS XE 17.18.1a	This command was introduced.

Usage Guidelines   If the modem corresponding to the cellular interface crashes, the modem will reset itself and come back up. However, to debug the cause of the crash, a full crash dump can be captured on the modem.

Example

An example to configure crash action to auto-collect on modem:

```
CellularGateway(config)# controller cellular 1
CellularGateway(config-cellular-1)# crash-action ?
Possible completions:
  auto-collect    auto collect crash dump and reset modem
  boot-and-hold   Remain in modem crash state
CellularGateway(config-cellular-1)# crash-action auto-collect
CellularGateway(config-cellular-1)#
CellularGateway(config-cellular-1)# end
CellularGateway#
CellularGateway# show running-config controller cellular 1
controller cellular 1
  crash-action auto-collect
exit
```