

V-Series Appliances

A Visual Primer for the Version 8.3 CLI

Mapping the New Command Line Interface to the Previous V-Series Appliance Manager

HOW TO MANAGE A V-SERIES APPLIANCE

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Beginning with version 8.3, V-Series appliances are managed through an *enriched command-line interface (CLI) with interactive help*. This replaces the appliance console.

The CLI will remain in future versions, when a centralized appliance manager is added.



HOW TO MANAGE A V-SERIES APPLIANCE

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This short presentation shows how to access the CLI, and *maps* the former single-appliance console to the new CLI commands.

CLI Syntax example:

```
(config)# set interface ipv4
--interface <c|n|p1|p2|e1|e2>
[ --ip <ipv4 address>]
[ --mask <ipv4_netmask>]
[ --gateway <ipv4_address>]
```

See slides 10 – 12

See slides 13 – 23

[] optional parameter

See slides 24 – end

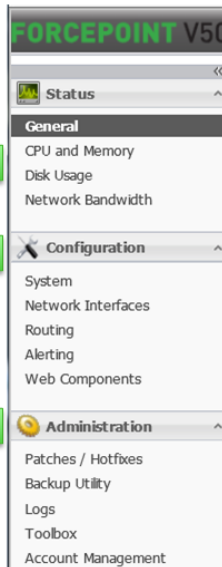
< > list of approved
values for a parameter

| separator

← Status

← Configuration

← Administration



TO ACCESS THE COMMAND LINE INTERFACE (CLI)

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To manage the V-Series appliance with the CLI, select your preferred CLI access method, and then log on:

- ▶ **Use PuTTY or similar tool on a Windows server (iTerm or similar on Mac) to access the CLI.**

- ▶ Connect to the IP address of the C interface
- ▶ Use port 22
- ▶ Select SSH (enabled by default)
- ▶ Use your admin credentials to log on
- ▶ You now have admin privileges



- ▶ **Or, attach a keyboard and monitor directly to the appliance.**



- ▶ **Or, connect to the appliance via serial port or KVM.**

- ▶ Serial port settings: 9600 baud, 8 bits, no parity

- ▶ **Or, use the Virtual Console feature of the DELL Remote Access Controller (iDRAC).**

After logon, for assistance with a specific CLI command, enter **?** or type **help**.

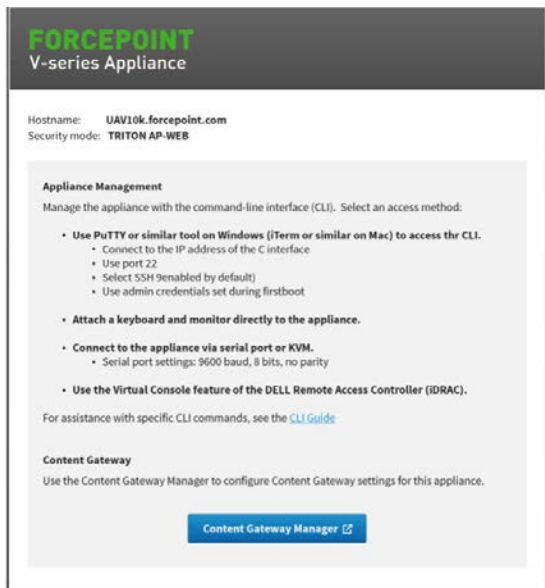
Use the **Tab key** for command completion.

HOW TO LOG ON TO CONTENT GATEWAY MANAGER

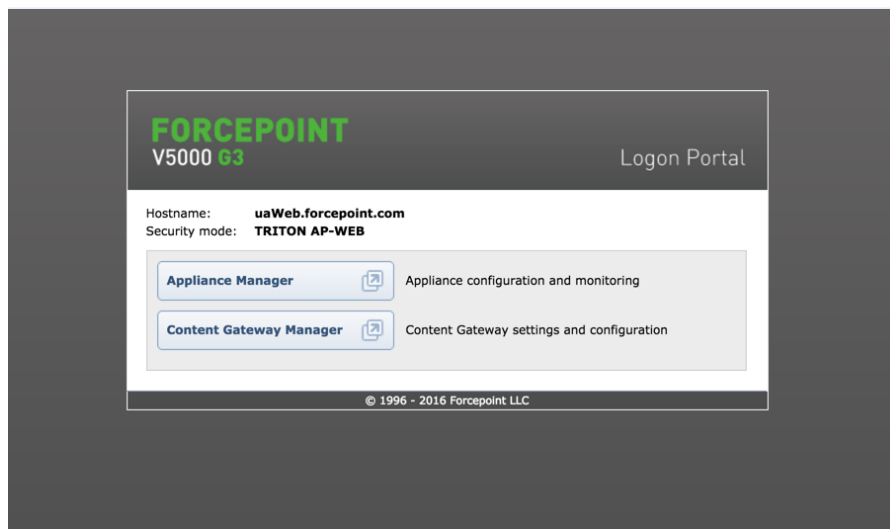
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The new appliance logon page in Version 8.3 is used only to access Content Gateway Manager. To reach the Content Gateway logon page, open a browser. Enter the IP address of the C interface.

New Content Gateway logon page



Former logon page



Content Gateway manager remains the same as in prior versions.

GETTING **HELP** WITH CLI COMMANDS

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Use the **help** command to access CLI help information at any time.

```
# help
```

```
# help show
```

```
# help show log
```

Use the **Tab key** to auto-complete command words, or to display a list of available words or phrases to complete a command.

Use the question mark (**?**) to display help information for the current command path without pressing Enter and without losing the current input.

```
# ?
```

```
# show ?
```

```
# show system ?
```

Use the **up arrow key** to display the previous command.

The CLI has 3 modes. You start out in **view mode**.

- ▶ **view** – displays status and settings. Also accesses the other 2 modes.
- ▶ **config** (contains all **view** commands) – changes settings and enables/disables options
- ▶ **diagnose** – performs troubleshooting; handles system and network test commands

Mode selection

- ▶ To move to **config** mode: `(view)# config (re-enter admin password)`
- ▶ To move to **diagnose** mode: `(view)# diagnose`
- ▶ To return to **view** mode: `(config)# exit` or `(diagnose)# exit`
- ▶ To exit from the CLI: `(view)# exit`
- ▶ You cannot move from **config** directly to **diagnose** or vice versa.

To bump another admin

- ▶ Only one admin can work in **config** mode at a time.
- ▶ To bump the admin who is currently working in **config** mode: `(view)# clear session --config`
- ▶ This moves that person to **view** mode.

To change the password for the admin account, you need the current one.

```
(config)# set account admin --password
```

Password requirements

- Must be 8 to 15 characters in length and include:

- At least one uppercase character

- At least one lowercase character

- At least one number

- At least one character in this set:

(! # % & ' () * + , - . / ; < = > ? @ [] ^ _ { | } ~

Password recovery options

Go to <http://www.forcepoint.com> and select **Documentation > Forcepoint Appliances**.

See the **CLI Guide** section on *Basic account management*.

See slides 10 – 12



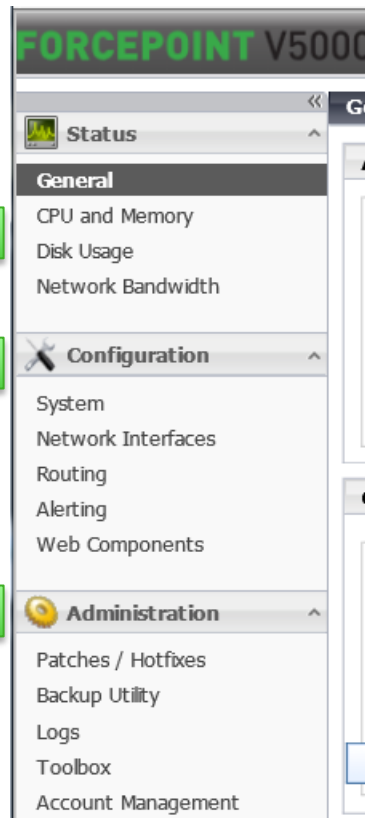
See slides 13 – 23



See slides 24 – end



A complete **CLI Guide** is online.



General

► Appliance status

(config)# show appliance status

(config)# show email

(config)# show network-agent

(config)# show proxy

(config)# show web

► Appliance restart / shutdown

(config)# restart appliance

(config)# shutdown appliance

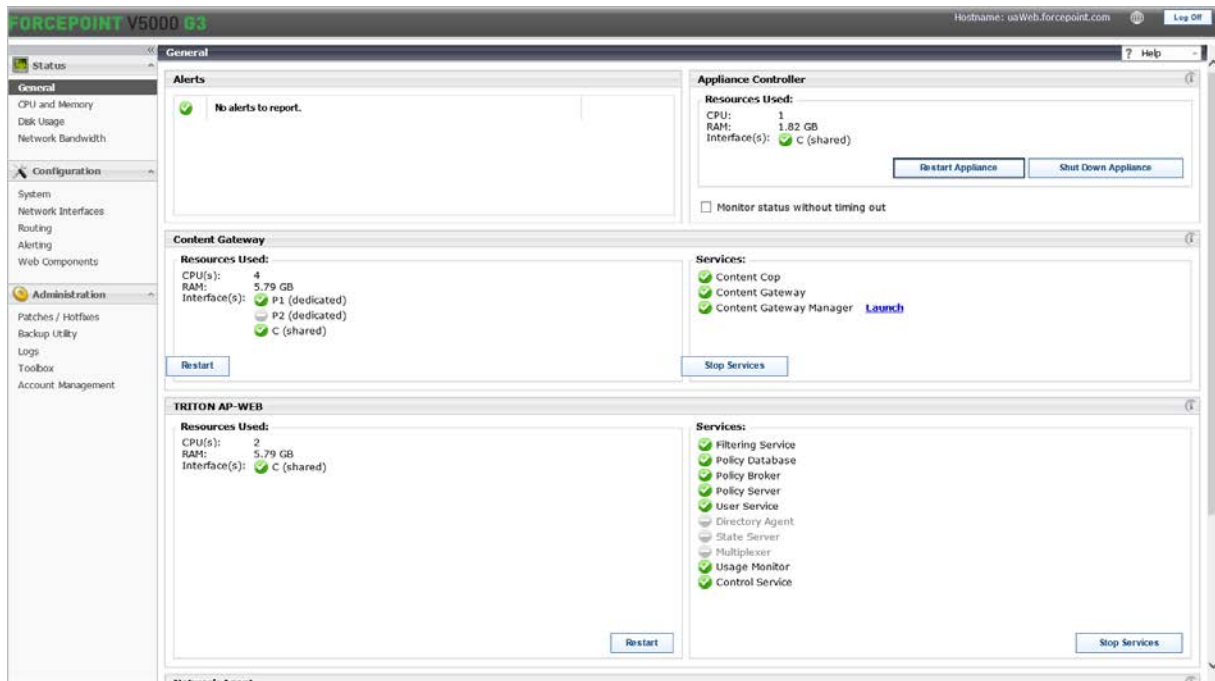
► Module restart

(config)# restart email

(config)# restart network-agent

(config)# restart proxy

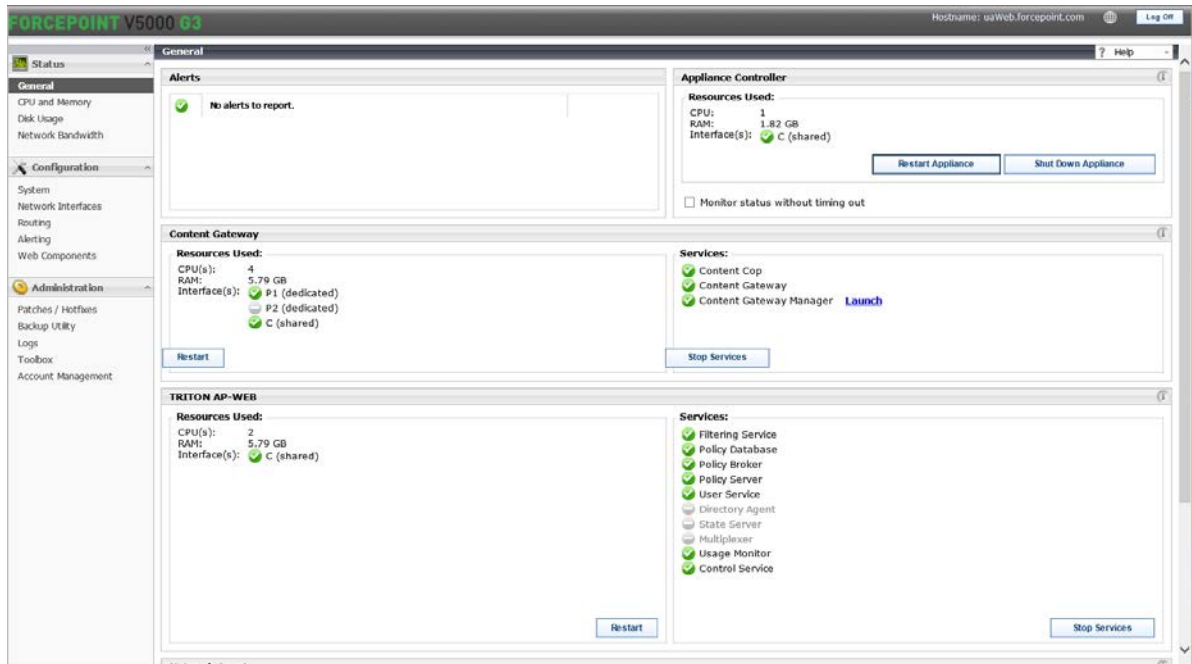
(config)# restart web



General

► Module Stop / Start

```
(config)# stop email  
(config)# start email  
(config)# stop proxy  
(config)# start proxy  
(config)# stop web  
(config)# start web  
(config)# stop network-agent  
(config)# start network-agent
```



CPU and Memory

```
(config)# show cpu
```

use Ctrl+C to quit

```
(config)# show mem
```

use Ctrl+C to quit

Disk usage

```
(config) # show diskio
```

offers a choice of modules

```
(config) # show diskpace
```

shows all partitions

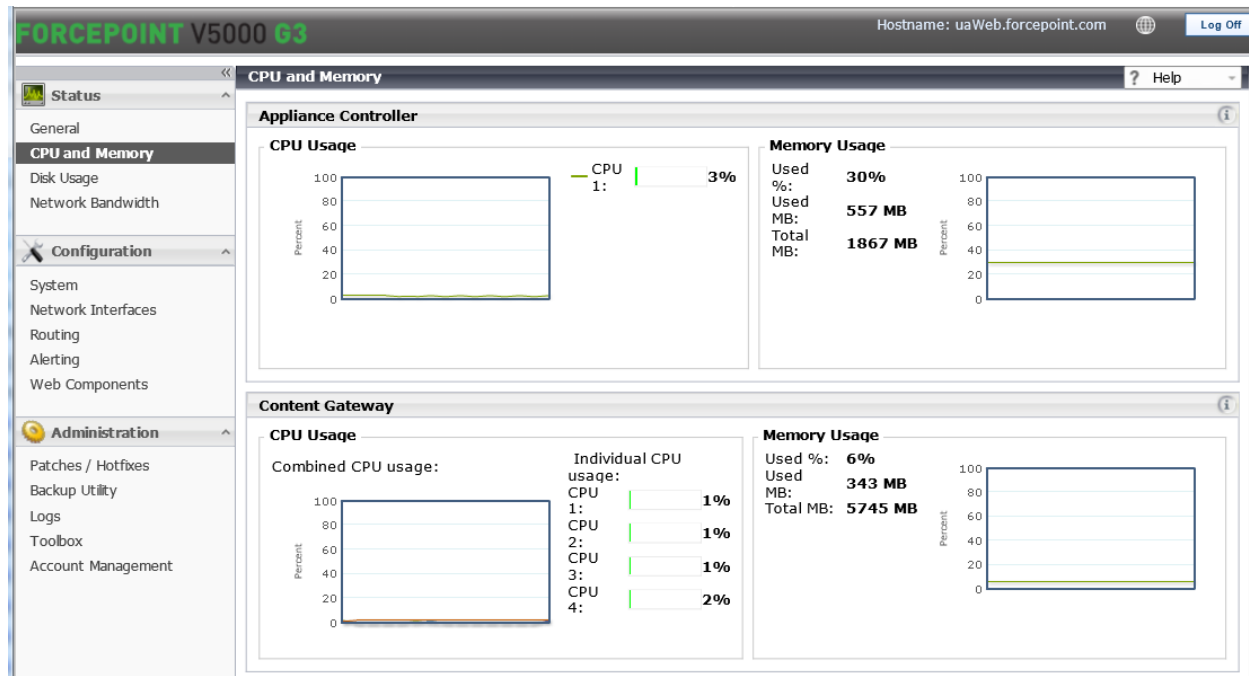
Network bandwidth

```
(config) # show bandwidth
```

shows each enabled interface;

updates every 5 seconds;

use Ctrl+C to quit



CONFIGURATION > SYSTEM / TIME / DATE / HOST / DESCRIPTION 13

Stop all services before you reset system time and date. See slide 10.

```
(config)# show appliance info
```

```
(config)# show system timezone
```

```
(config)# set system timezone
```

```
--zone <zone_name>
```

```
--index <zone_index>
```

```
(config)# show system ntp
```

```
(config)# set system ntp
```

```
--status <on|off>
```

```
(config)# set system ntp
```

```
--server <server1>, <server2>, <server3>
```

```
(config)# show system clock
```

```
(config)# set system clock
```

```
--date <yyyy/mm/dd>
```

```
--time <hh:mm:ss>
```

```
(config)# show system host
```

```
(config)# set system host
```

```
--name <name>
```

```
--description <description>
```

The screenshot shows the Forcepoint V5000 G3 configuration interface. The left sidebar contains a navigation menu with sections: Status, Configuration, System, Administration, and a Help icon. The main content area is titled 'System' and contains several panels:

- System Information**: Displays Hostname (uaWeb.forcepoint.com), Security mode (TRITON AP-WEB), Appliance Version (8.2.0), Hardware Platform (V5000 G3), Date/time (Nov 15, 2016 14:06:44 GMT), and Uptime (35 Days 21 Hours 22 Minutes).
- Component Information**: A table showing the versions of installed components.
- Time and Date**: Contains instructions and settings for the system clock. It includes a dropdown for 'Time zone' (set to '(GMT) Greenwich Mean Time'), radio buttons for 'Automatically synchronize with an NTP server' and 'Manually set time and date' (selected), and input fields for 'Date' (2016-11-15) and 'Time' (14:06:44).
- Hostname**: A text field for 'Set hostname as:' containing 'uaWeb.forcepoint.com'.
- Appliance Description**: A text area for providing a brief unique description.

At the bottom right of the configuration area are 'OK' and 'Cancel' buttons.

Name	Version
Content Gateway	8.2.0
Network Agent	8.2.0
TRITON AP-WEB	8.2.0

Setting	Value
Time zone	(GMT) Greenwich Mean Time
Time and date	Automatically synchronize with an NTP server (selected)
Primary NTP server	3.pool.ntp.org
Secondary NTP server	1.pool.ntp.org (optional)
Tertiary NTP server	2.pool.ntp.org (optional)
Date	2016-11-15
Time	14:06:44

Show current interface for one module

```
(config)# show interface info
[ - -module <app | email | proxy |
web | network-agent>]
```

Show unused physical interfaces

```
(config)# show interface unused
```

Enable or Disable an interface

```
(config)# set interface status
- -interface <e2 | p2 >
< - -enabled | - -disabled >
```

Configure IPv4 interfaces

```
(config)# set interface ipv4
- -interface <c|n|p1|p2|e1|e2>
- -ip <ipv4 address>
[ - -mask <ipv4_netmask>]
- -gateway <ipv4_address>
```

```
(config)# delete interface ipv4
- -interface <n|p1|p2|e1|e2>
- -status <enabled|disabled>
```

FORCEPOINT V5000 G3 Hostname: uaWeb.forcepoint.com Log Off

Network Interfaces ? Help

Content Gateway Interfaces (P1 and P2)

Proxy interface for inbound (user requests) and outbound (communication with Internet).

Select interfaces being used:

☒ P1 only

☐ P1 and P2

P1

MAC Address: 00:0A:F7:82:8F:F4

IP Address: Primary DNS:

Subnet Mask: Secondary DNS: optional

Default Gateway: Tertiary DNS: optional

P2

MAC Address: 00:0A:F7:82:8F:F5

IP Address:

Subnet Mask:

Network Agent Interface (N)

Network Agent interface monitors all Internet traffic in the network, reports on bandwidth usage and sends blocking information for non-HTTP/HTTPS traffic.

Send blocking information for non-HTTP/HTTPS traffic via:

☒ Interface C *The C interface must be able to access the clients' network.*

☐ Interface N *Must be connected to a bidirectional span port*

MAC Address: 00:16:3E:36:D4:6A

IP Address: Primary DNS:

Subnet Mask: Secondary DNS: optional

Default Gateway: Tertiary DNS: optional

OK Cancel

Configure appliance DNS settings

```
(config)# set interface dns
[ - -dns1 <ipv4_address>]
[ - -dns2 <ipv4_address>]
[ - -dns3 <ipv4_address>]
[ - -module <email|network-agent|proxy>]
Omit module if configuring appliance DNS
```

Delete appliance DNS settings

```
(config)# delete interface dns
[ - -dns-server <dns2 | dns3 >]
[ - -module <email|network-agent|proxy>]
Omit module if deleting appliance DNS
```

Display bonded interfaces

```
(config)# show interface bond
```

Bond interfaces

```
(config)# set interface bond
[ - -mode <active-standby|load-balancing>]
```

Remove bonding

```
(config)# set interface unbond
```

FORCEPOINT V5000 G3 Hostname: uaWeb.forcepoint.com Log Off

Network Interfaces ? Help

Content Gateway Interfaces (P1 and P2) ⓘ

Proxy interface for inbound (user requests) and outbound (communication with Internet).

Select interfaces being used:

☒ P1 only

☐ P1 and P2

P1

MAC Address: 00:0A:F7:82:8F:F4

IP Address: 10.0.0.3 Primary DNS:

Subnet Mask: Secondary DNS: optional

Default Gateway: Tertiary DNS: optional

P2

MAC Address: 00:0A:F7:82:8F:F5

IP Address:

Subnet Mask:

Network Agent Interface (N) ⓘ

Network Agent interface monitors all Internet traffic in the network, reports on bandwidth usage and sends blocking information for non-HTTP/HTTPS traffic.

Send blocking information for non-HTTP/HTTPS traffic via:

☒ Interface C The C interface must be able to access the clients' network.

☐ Interface N Must be connected to a bidirectional span port

MAC Address: 00:16:3E:36:D4:6A

IP Address: 10.0.0.5 Primary DNS:

Subnet Mask: 255.255.255.255 Secondary DNS: optional

Default Gateway: Tertiary DNS: optional

OK Cancel

IPv6 interfaces

```
(config)# set interface ipv6
--interface <c|n|p1|p2|e1|e2>
[--status <enabled | disabled>]
[--ip <ipv6_address>]
[--prefixlen <integer>]
[--gateway <ipv6_address>]
```

```
(config)# delete interface ipv6
--interface <c|n|p1|p2|e1|e2>
```

DNS settings configured for IPv4 are automatically applied

TRITON AP-EMAIL does not support IPv6

FORCEPOINT V5000 G3 Hostname: uaWeb.forcepoint.com Log Off

Network Interfaces

IPv4 IPv6

IPv6 Networking:
☒ Disable
☐ Enable

Appliance Controller Interface (C)

Configure IPv6 addressing for the C interface. DNS settings configured for IPv4 are automatically applied.

MAC Address:

IPv6 address:

Subnet prefix length:

Default Gateway: optional

Content Gateway Interface (P1)

Configure IPv6 addressing for the P1 interfaces. DNS settings configured for IPv4 are automatically applied.

P1

MAC Address:

IPv6 address:

Subnet prefix length:

Default Gateway:

To configure IPv6 for P2, it must be enabled and configured for IPv4.

Network Agent Interface (N)

Configure IPv6 addressing for the N interface. DNS settings configured for IPv4 are automatically applied.

Send blocking information for non-HTTP/HTTPS traffic via:
☒ **Interface C** *The C interface must be able to access the clients' network.*
☐ **Interface N** *Must be connected to a bidirectional span port*

MAC Address:

IPv6 address:

Subnet prefix length: 128

Default Gateway:

OK Cancel

Display a table of configured static IPv4 routes

```
(config)# show route
```

Add a static route in IPv4 format

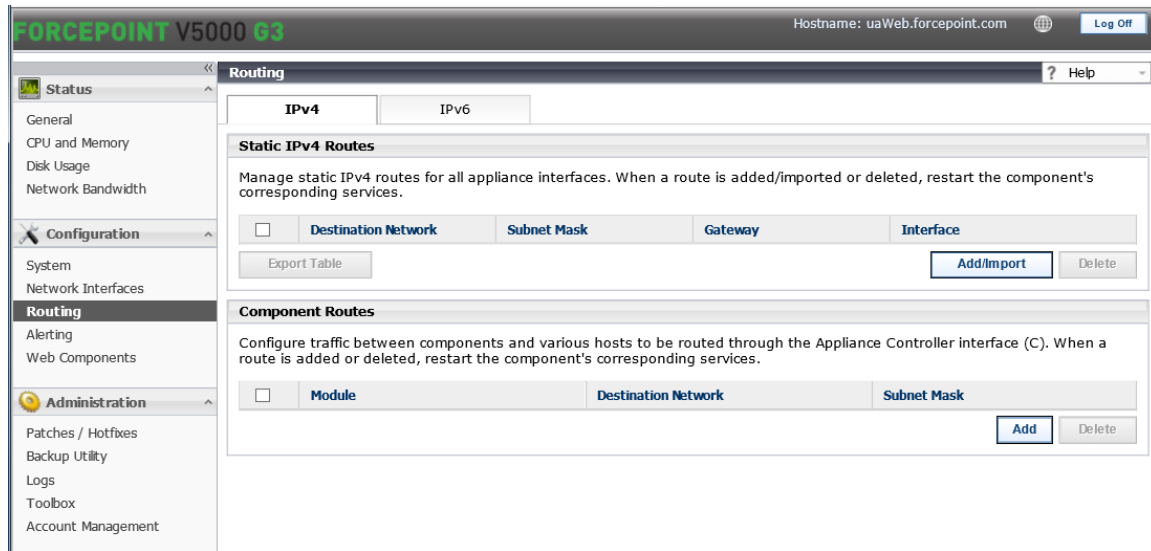
```
(config)# set route
```

```
--dest <ipv4_address>  
--interface <c|p1|p2|e1|e2>  
--mask <ipv4_netmask>  
--gateway <ipv4_address>
```

Delete a single IPv4 static route

```
(config) # delete route
```

```
--dest <ip_address>  
--mask <ipv4_netmask>  
--interface <c|p1|p2|e1|e2>  
--gateway <ipv4_address>
```



Export IPv4 static routes

Do these in sequence shown:

1. Define a remote storage location:

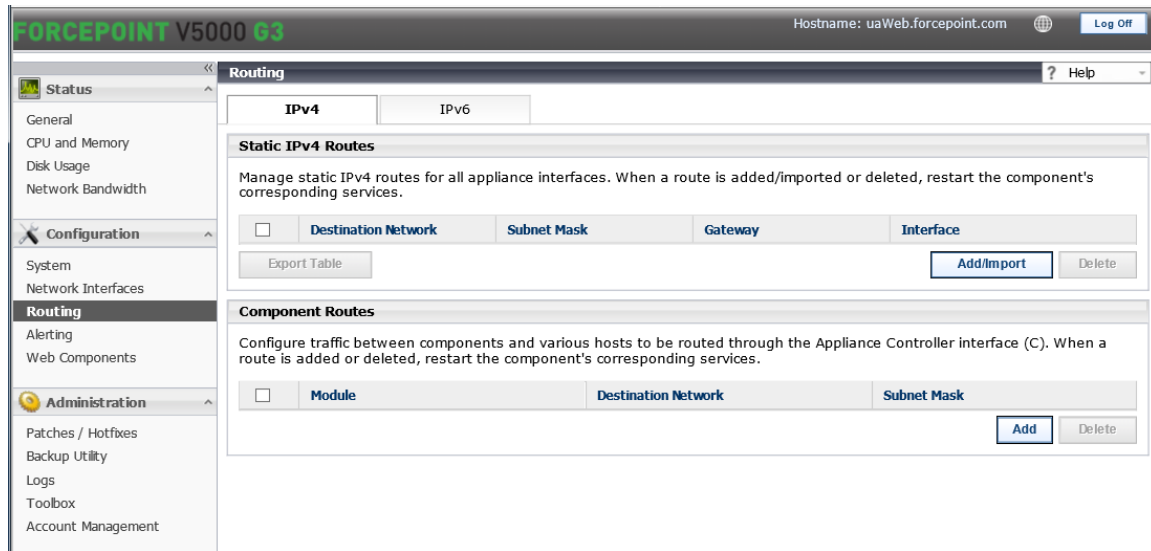
```
(config)# set filestore
--alias <alias_name>
--type <ftp|samba|tftp>
--host <ip_address>
--path <share_directory>
[--user <user_name>]
[--port <port>]
```

2. Export all IPv4 static routes

```
(config)# save route
--location <filestore_alias>
```

Note: To export IPv6 static routes,
set up a filestore alias_name and then

```
(config)# save route6
--location <filestore_alias>
```



Add or delete one or more IPv4 static route definitions via a text file

```
load route
--file <file_name>
--location <filestore_alias>
--action <add|del>
```

(Web only)

Add or delete one or more IPv6 static route definitions via a text file

```
load route6
--file <file_name>
--location <filestore_alias>
--action <add|del>
```

The screenshot displays the Forcepoint V5000 G3 web interface. The top navigation bar includes the product name 'FORCEPOINT V5000 G3', the hostname 'uaWeb.forcepoint.com', and a 'Log Off' button. The left sidebar contains a menu with categories: Status, Configuration, Routing, and Administration. The 'Routing' category is selected, showing sub-items like Alerting and Web Components. The main content area is titled 'Routing' and has tabs for 'IPv4' and 'IPv6'. The 'IPv4' tab is active, showing the 'Static IPv4 Routes' section. This section includes a description: 'Manage static IPv4 routes for all appliance interfaces. When a route is added/imported or deleted, restart the component's corresponding services.' Below this is a table with columns: Destination Network, Subnet Mask, Gateway, and Interface. There is an 'Export Table' button and 'Add/Import' and 'Delete' buttons. The 'Component Routes' section below it has a description: 'Configure traffic between components and various hosts to be routed through the Appliance Controller interface (C). When a route is added or deleted, restart the component's corresponding services.' It features a table with columns: Module, Destination Network, and Subnet Mask, along with 'Add' and 'Delete' buttons.

Show table of configured component routes

```
(config)# show component_route
```

Configure traffic from appliance component to be routed through the C Interface. **Dest** is the subnet address for which traffic will be routed.

```
(config)# set component_route
```

```
--dest <ipv4_address>
```

```
--mask <ipv4_netmask>
```

```
--module <proxy|email>
```

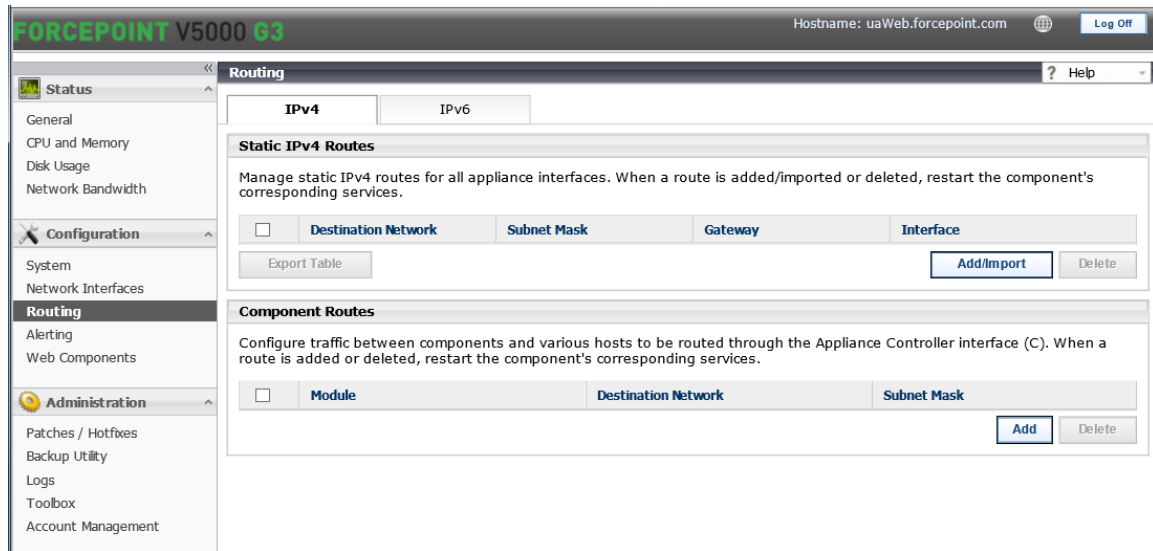
Delete routing between appliance component and C interface.

```
(config)# delete component_route
```

```
--dest <ipv4_address>
```

```
--mask <ipv4_netmask>
```

```
--module <proxy|email>
```



Display SNMP monitor server information

```
(config)# show snmp config
```

Enable or disable SNMP monitoring

```
(config)# set snmp service
```

```
--status <on|off>
```

Configure SNMP v1 monitoring

```
(config)# set snmp v1
```

```
--community <name>
```

Configure SNMP v2c monitoring

```
(config)# set snmp v2c
```

```
--community <name>
```

See the CLI Guide for full details about SNMP v3 monitoring

The screenshot shows the Forcepoint V5000 G3 web interface. The top bar displays the device name 'FORCEPOINT V5000 G3' and the hostname 'uaWeb.forcepoint.com'. The left sidebar contains a navigation menu with sections: Status (General, CPU and Memory, Disk Usage, Network Bandwidth), Configuration (System, Network Interfaces, Routing), Alerting (Web Components), and Administration (Patches / Hotfixes, Backup Utility, Logs, Toolbox, Account Management). The main content area is titled 'Alerting' and has two tabs: 'Setup' and 'Alerts'. The 'Setup' tab is active, showing the 'SNMP' configuration page. This page has two main sections: 'Monitoring Server' and 'Trap Server'. The 'Monitoring Server' section has a radio button for 'Off' (selected) and 'On'. Below it are fields for 'SNMP version' (set to v1) and 'Community name'. The 'Trap Server' section also has radio buttons for 'Off' (selected) and 'On'. Below these are fields for 'SNMP version' (set to v1), 'Community name', 'IP address', and 'Port' (set to 162). A 'Send Test Trap' button is located at the bottom of the 'Trap Server' section. At the very bottom of the interface are 'OK' and 'Cancel' buttons.

Display SNMP trap server status and version

```
(config)# show trap config
```

Display table of SNMP trap events and settings

```
(config)# show trap events
```

Save SNMP trap events settings for editing or use

1. Define a remote storage location:

```
(config)# set filestore
```

```
--alias <alias_name>
```

```
--type <ftp|samba|tftp>
```

```
--host <ip_address>
```

```
--path <share_directory>
```

```
[--user <user_name>]
```

```
[--port <port>]
```

2. Save trap settings

```
(config)# save trap
```

```
--location <filestore_alias>
```

```
[--default]
```

FORCEPOINT V5000 G3

Hostname: uaWeb.forcepoint.com Log Off

Alerting

Setup Alerts

SNMP

Monitoring Server

Monitor standard SNMP counters on the appliance using your organization's SNMP server.

☒ Off

☐ On

SNMP version: V1

Community name:

Trap Server

Send traps (alerts) from the appliance to your SNMP server. Use the appliance [MIB file](#) for trap interpretation.

☒ Off

☐ On

SNMP version: V1

Community name:

IP address: Port: 162

Send Test Trap

OK Cancel

Enable or disable SNMP traps

```
(config)# set trap service
```

```
--status <on|off>
```

Load SNMP trap events settings from a file

```
(config)# load trap
```

```
--location <filestore_alias>
```

```
--file <name>
```

Send a test trap to verify communication

```
(config)# test trap event
```

Configure SNMP v1 traps for alerting

```
(config)# set trap v1
```

```
--community <name>
```

```
--ip <ip_address>
```

```
--port <port>
```

See the CLI Guide for details about SNMP v2c and v3 traps

FORCEPOINT V5000 G3 Hostname: uaWeb.forcepoint.com Log Off

Alerting ? Help

Setup Alerts

SNMP

Monitoring Server
Monitor standard SNMP counters on the appliance using your organization's SNMP server.

☒ Off
☐ On

SNMP version: v1
Community name:

Trap Server
Send traps (alerts) from the appliance to your SNMP server. Use the appliance [MIB file](#) for trap interpretation.

☒ Off
☐ On

SNMP version: v1
Community name:
IP address: Port: 162

Send Test Trap

OK Cancel

Display available appliance upgrades

```
(config)# show upgrade
```

```
--list
--history
--status
```

Download or upload an upgrade file

```
(config)# load upgrade
```

```
[- -file <filename>]
[- -location <file location>]
```

Run without parameters to see a list of choices

Display status of upgrade file download

```
(config)# show download
```

```
--file <filename>
```

Cancel, pause, resume download

```
(config)# cancel download
```

```
--file <filename>
```

```
(config)# pause download
```

```
--file <filename>
```

```
(config)# resume download
```

```
--file <filename>
```

Install upgrade file

```
(config)# install upgrade
```

```
--file <upgrade_file> [--force <upgrade_file>]
```

FORCEPOINT V5000 G3 Hostname: uaWeb.forcepoint.com Log Off

Patches / Hotfixes ? Help

Patches Hotfixes Proxy Settings

Patch Upgrades

Download and install available patches to ensure that the appliance is updated with the latest software. The appliance automatically checks for patches once a day.

Appliance current version: **8.2.0**

Available patches:

Version	Description	Status	Action
No patches available.			

[Check for Patches](#) Last updated: Apr 26, 2016 at 01:11:08 [Upload Patch Manually](#)

Patch History

Version	Date	Comments	Log Files
8.1.0	Apr 13, 2016 17:03:41	Patch has been installed successfully.	View log

View available appliance hotfixes

```
(config)# show hotfix list
```

```
  [--id <hotfix_id>]
```

```
  [--module
```

```
  <app|web|proxy|email>]
```

Download or upload a hotfix to appliance

```
(config)# load hotfix
```

```
  --id <hotfix id>
```

```
  --file <name>
```

```
  --location <alias>
```

Display status of hotfix download

```
(config)# show download hotfix
```

```
  --file <filename>
```

```
  --id <hotfix id>
```

Show hotfix history

```
(config)# show hotfix history
```

FORCEPOINT V5000 63 Hostname: uaWeb.forcepoint.com Log Off

Patches / Hotfixes ? Help

Hotfixes | Patches | Proxy Settings

Hotfix Installation

Locate a hotfix to download and install on the appliance.

Find ⓘ

Downloaded hotfixes:

Hotfix ID	Description	Status	Action
No hotfixes available.			

ⓘ [Upload Hotfix Manually](#)

Hotfix History

Manage installed hotfixes and view uninstalled hotfixes for the current appliance version.

Appliance Version: **8.2.0**

View: Installed hotfixes

Hotfix ID	Name	Module	Date Installed	Status
No hotfixes installed.				

[Uninstall Hotfix](#)

Stop, pause, or resume download

```
(config)# cancel download hotfix
```

```
 [--id <id>]
```

```
 [--file <filename>]
```

```
(config)# pause download hotfix
```

```
 [--id <id>]
```

```
 [--file <filename>]
```

```
(config)# resume download hotfix
```

```
 [--id <id>]
```

```
 [--file <filename>]
```

Install hotfix

```
(config)# install hotfix
```

```
 [--id <hotfix_id>]
```

Remove hotfix

```
(config)# delete hotfix
```

```
 [--id <id>]
```

```
 [--file <filename>]
```

Uninstall hotfix

```
(config)# uninstall hotfix
```

```
 [--id <hotfix_id>]
```

The screenshot displays the Forcepoint V5000 G3 web interface. The top navigation bar includes the product name 'FORCEPOINT V5000 G3', the hostname 'uaWeb.forcepoint.com', and a 'Log Off' button. The left sidebar contains a menu with categories: Status, Configuration, and Administration. The 'Patches / Hotfixes' section is selected and highlighted. The main content area is divided into three tabs: 'Patches', 'Hotfixes', and 'Proxy Settings'. The 'Hotfixes' tab is active, showing the 'Hotfix Installation' section. This section includes a text prompt 'Locate a hotfix to download and install on the appliance.' with a search input field and a 'Find' button. Below this, a table titled 'Downloaded hotfixes:' shows no results with the message 'No hotfixes available.' and an 'Upload Hotfix Manually' button. The 'Hotfix History' section follows, with a prompt to 'Manage installed hotfixes and view uninstalled hotfixes for the current appliance version.' and 'Appliance Version: 8.2.0'. It includes a 'View:' dropdown set to 'Installed hotfixes' and a table with columns 'Hotfix ID', 'Name', 'Module', 'Date Installed', and 'Status'. The table also shows 'No hotfixes installed.' and an 'Uninstall Hotfix' button.

Display the current internet proxy information

```
(config)# show internet_proxy
```

Configure the proxy interface that the appliance will use to contact Forcepoint servers for hotfixes and upgrades

```
(config)# set internet_proxy  
--ip <ip address>  
--port <port>  
[--user <username>]  
[--password <password>]
```

Delete the current internet proxy information

```
(config)# delete internet_proxy
```

The screenshot displays the Forcepoint V5000 G3 web interface. The top header shows the hostname 'uaWeb.forcepoint.com' and a 'Log Off' button. The left sidebar contains a navigation menu with sections: Status (General, CPU and Memory, Disk Usage, Network Bandwidth), Configuration (System, Network Interfaces, Routing, Alerting, Web Components), and Administration (Backup Utility, Logs, Toolbox, Account Management). The main content area is titled 'Patches / Hotfixes' and has three tabs: 'Patches', 'Hotfixes', and 'Proxy Settings'. The 'Proxy Settings' tab is active, showing a section titled 'Proxy Settings' with the text: 'If the appliance management interface (C) does not have a direct Internet connection, a proxy server can be used to check for and download hotfixes/patches.' Below this text is a checkbox labeled 'Use proxy server'. If checked, there are input fields for 'Proxy IP address:', 'Port:' (with '8080' entered), 'User name:' (marked as optional), and 'Password:' (marked as optional). A 'Test Connection' button is located below these fields. At the bottom of the interface are 'OK' and 'Cancel' buttons.

View available backups

```
(config)# show backup list
--location
<local | filestore_alias>
```

Display configured backup schedule

```
(config)# show backup schedule
```

Create a full appliance backup now

1. Define a remote storage location:

```
(config)# set filestore
--alias <alias_name>
--type <ftp|samba|tftp>
--host <ip_address>
--path <share_directory>
[--user <user_name>]
[--port <port>]
```

2. Create backup

```
(config)# create backup now
<local | filestore_alias>
[--desc "<description>"] --type <full|email|web>
```

FORCEPOINT V5000 G3 Hostname: uaWeb.forcepoint.com Log Off

Backup Utility ? Help

Backup Restore

Perform Backup

Run the Backup Utility now or schedule backups to be performed on a regular basis. A Full Appliance Configuration backup saves all appliance settings, as well as configuration and policy information for all active components. Component configuration backups do not include Content Gateway. To perform backups for Content Gateway only, Use [Content Gateway Manager](#).

Backup Type	Schedule Frequency	Last Scheduled Backup	Next Scheduled Backup
☒ Full Appliance Configuration	Not scheduled	Not scheduled	Not scheduled
☐ Web Configuration	Not scheduled	Not scheduled	Not scheduled

[Run Backup Now](#) [Configure Backup Schedule](#) [Cancel Scheduled Backup](#)

Local Backup Files

Manage all backup files stored on this appliance.

View backups for: Full Appliance Configuration

☐ Date	File name	Version	Backup source	Comments
No backup file found.				

Maximum of 20 full appliance configuration backup files [Delete](#)

Define a schedule of automated backups**(config)# create backup schedule**

```
--location
  <local|filestore_alias>
--freq
  <daily|weekly|monthly>
--day <Mon|Tue|Wed|Thu|
  Fri|Sat|Sun>
--date <integer>
--time <hh:mm>
--type <full|web|email>
```

Cancel all scheduled backups**(config)# cancel backup schedule****Delete all backup files in a specific location
or delete one file****(config)# delete backup**

```
[--file <file_name|all>]
```

FORCEPOINT V5000 G3 Hostname: uaWeb.forcepoint.com Log Off

Backup Utility Help

Backup Restore

Perform Backup

Run the Backup Utility now or schedule backups to be performed on a regular basis. A Full Appliance Configuration backup saves all appliance settings, as well as configuration and policy information for all active components. Component configuration backups do not include Content Gateway. To perform backups for Content Gateway only, Use [Content Gateway Manager](#).

Backup Type	Schedule Frequency	Last Scheduled Backup	Next Scheduled Backup
☒ Full Appliance Configuration	Not scheduled	Not scheduled	Not scheduled
☐ Web Configuration	Not scheduled	Not scheduled	Not scheduled

Run Backup Now Configure Backup Schedule Cancel Scheduled Backup

Local Backup Files

Manage all backup files stored on this appliance.

View backups for: Full Appliance Configuration

☐ Date	File name	Version	Backup source	Comments
No backup file found.				

Maximum of 20 full appliance configuration backup files Delete

Restore appliance settings saved in a specific backup file

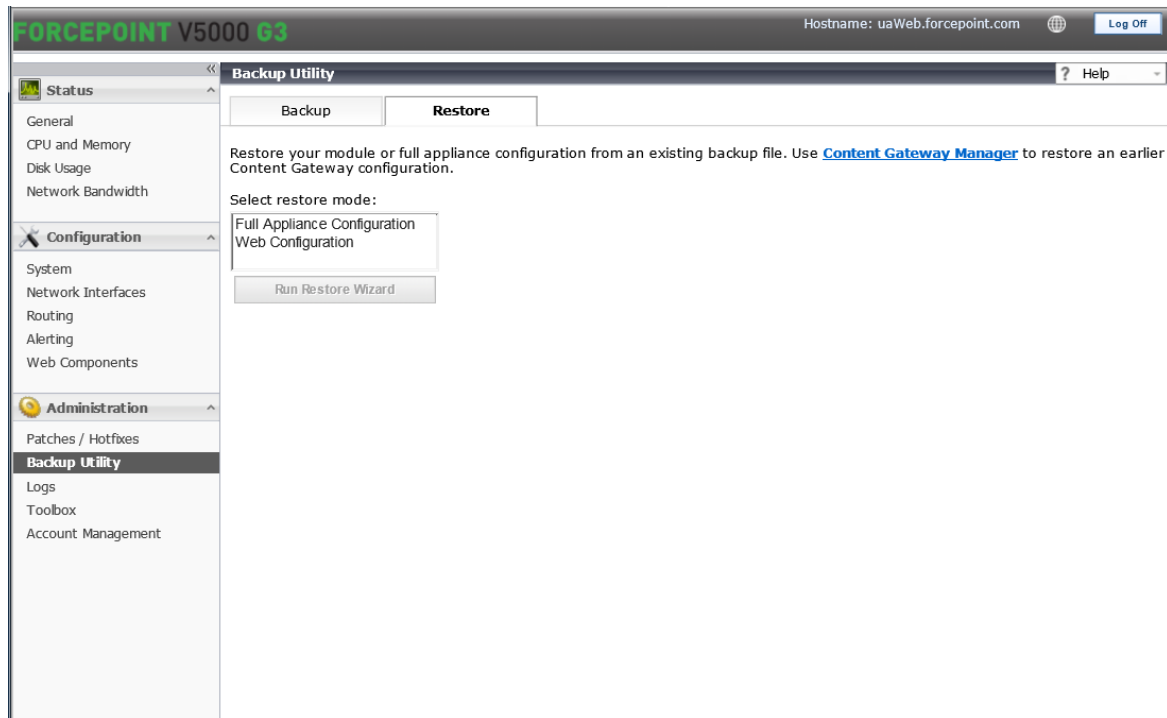
```
(config)# restore backup
```

```
--location
```

```
<local | filestore_alias>
```

```
[--file <file_name>]
```

Omit the --file parameter to see a list of choices



Create a configuration summary for Technical Support analysis

1. Define a remote storage location:

```
(config)# set filestore  
--alias <alias_name>  
--type <ftp|samba|tftp>  
--host <ip_address>  
--path <share_directory>  
[--user <user_name>]  
[--port <port>]
```

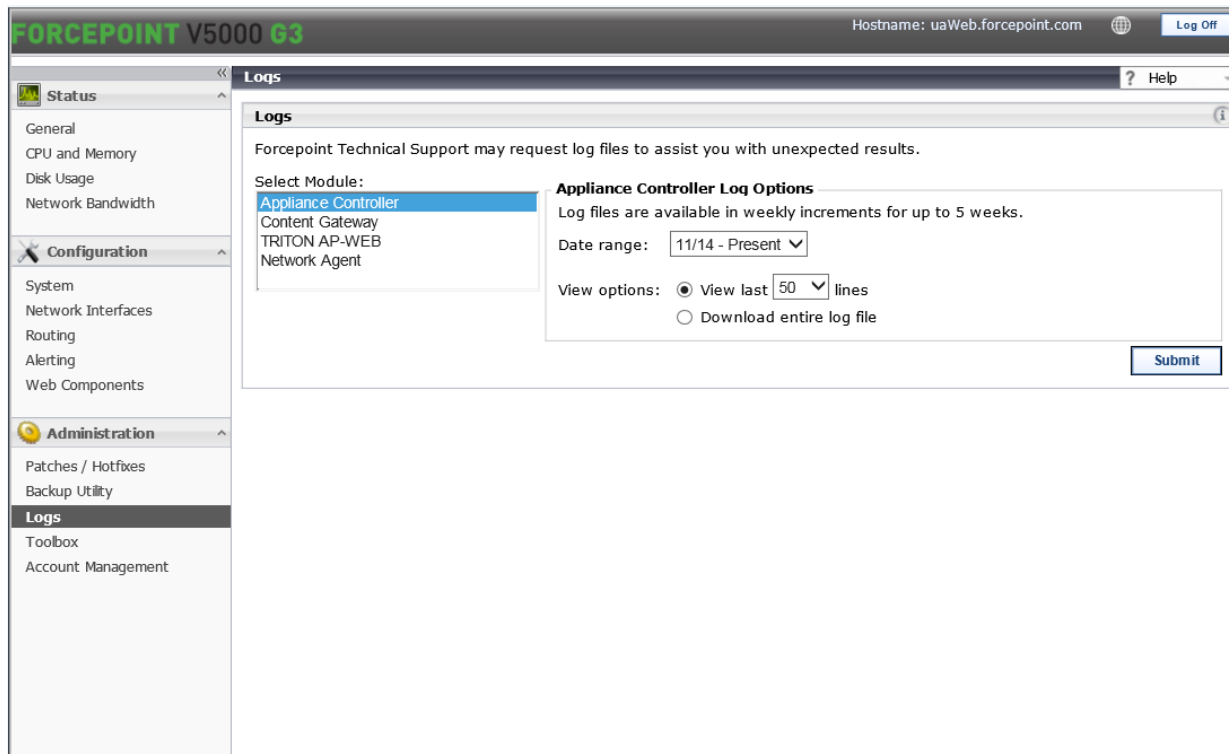
2. Create configuration summary

```
(config)# save configsummary  
--location  
<filestore_alias>
```

Display a list of log file types

```
(config)# show log typelist  
--module <app|all>]
```

App means list the file types for the entire appliance. All means list file types for the modules.

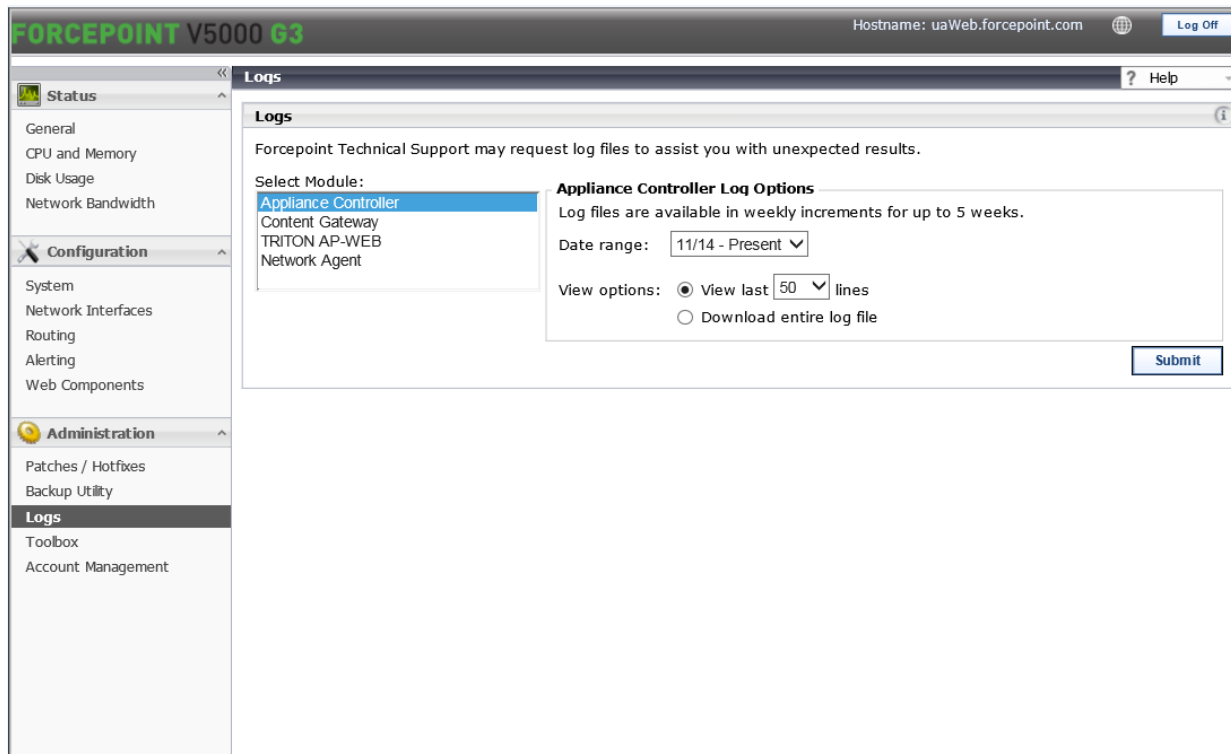


Display last “n” lines of the appliance log file

```
(config)# show log lastline
--line <integer>
--type <audit|module|system>
--module <app|email|proxy|
web|network-agent>
```

Display data as it is appended to the appliance log file

```
(config)# show log realtime
--filter <string>
--type <audit|module|system>
--module <app|email|proxy|web|
network-agent>
--timeout <integer>
```



Configure when log files are to be archived

```
(config)# set log archive
--type <system|audit|email|
      network-agent|web>
--size <integer|string|
--freq <weekly|monthly|yearly>
```

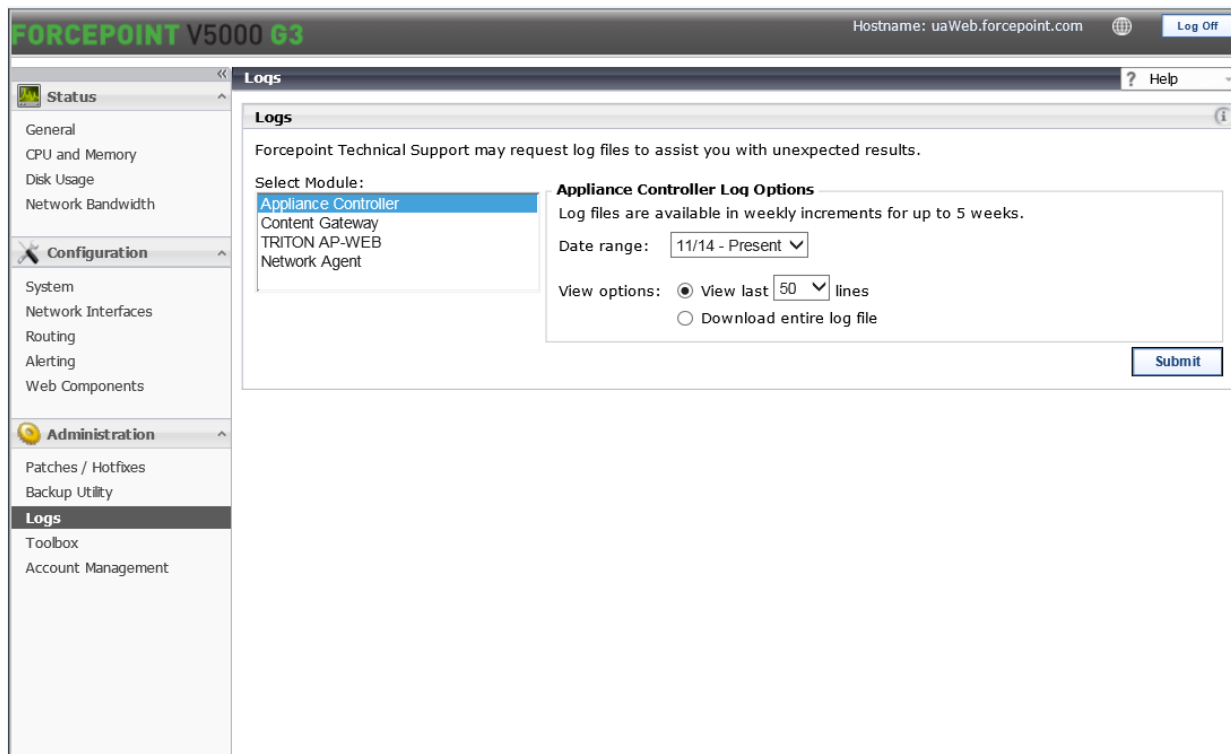
Display log file archiving settings

```
(config)# show log archive
--type <system|audit|email|
      network-agent|web>
```

Zip the log file and move it to a remote filestore

```
(config)# save log
--module <all|app|email|
        network-agent|proxy|web>
--type <all|audit|module|system>
--location <filestore_alias>
```

See slide 31 for filestore definition command.



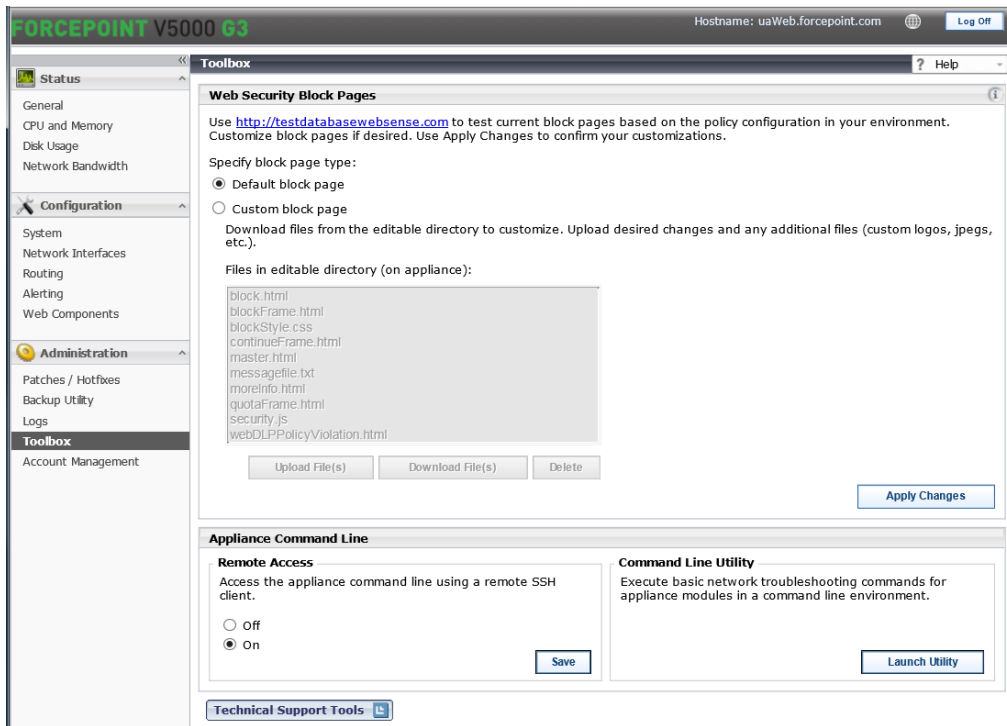
Custom block pages are described
in the online AP-WEB API Guide

Enable or disable remote CLI access via
SSH.

```
(config)# set access ssh
--status <on|off>
```

Display whether remote CLI access via
SSH is enabled

```
(config)# show access ssh
--status
```



Change the account password

```
(config)# set account admin  
--password
```

You will be prompted to enter the new password.

Define an email address for admin account password recovery

```
(config)# set account email  
--address <address>
```

Display the SMTP server settings used with admin email address,

```
(config)# show account smtp
```

Define an SMTP server for admin account password recovery

```
(config)# set account smtp  
--host <location>  
--port <port>  
--user <name>
```

Test the email address for password recovery

```
(config)# send test_email
```

The screenshot displays the Forcepoint V5000 G3 web interface. The top navigation bar includes the product name 'FORCEPOINT V5000 G3', the hostname 'uaWeb.forcepoint.com', and a 'Log Off' button. A left sidebar contains a tree view with categories: Status, Configuration, Administration, and Account Management (which is currently selected). The main content area is titled 'Account Management' and contains several sections: 'Change Password' with input fields for current, new, and confirm passwords; 'Email Settings' with fields for notification email address, SMTP server, and port, along with a 'Test Connection' button; 'SMTP server requires authentication' with fields for account and password; 'Content Gateway Manager Password Reset' with a 'Reset Password' button; and 'Help Language Preference' with a dropdown menu set to 'English'. The bottom of the interface has 'OK' and 'Cancel' buttons.

Delete the password recovery email address

```
(config)# delete account email
```

Delete SMTP settings

```
(config)# set account smtp
```

```
--address <address>
```

Display Technical Support account access
or activity history

```
(config)# show account tech-support
```

```
--status
```

```
(config)# show account tech-support
```

```
--history
```

The two parameters cannot be used at the same time.

Enable or disable access for Technical Support

```
(config)# set account tech-support
```

```
--status <on|off>
```

The screenshot displays the Forcepoint V5000 G3 web interface. The top navigation bar includes the product name 'FORCEPOINT V5000 G3', the hostname 'uaWeb.forcepoint.com', and a 'Log Off' button. A left-hand menu lists various system and configuration options, with 'Account Management' currently selected. The main content area is titled 'Account Management' and contains several sections: 'Change Password' with input fields for current, new, and confirm passwords; 'Email Settings' with fields for notification email address, SMTP server, and port, along with a 'Test Connection' button; a checkbox for 'SMTP server requires authentication' with associated account and password fields; 'Content Gateway Manager Password Reset' with a 'Reset Password' button; and 'Help Language Preference' with a dropdown menu set to 'English'. The interface is clean and professional, typical of enterprise management software.

All commands in this *Visual Primer*, plus additional commands that do not map to a previous console screen, are described in the TRITON Appliances *CLI Guide* for version 8.3.

The *CLI Guide* is at the Support website under [Documentation > Forcepoint Appliances](#).