

# Quick Start Guide

## Forcepoint TRITON AP-EMAIL Virtual Appliance



### Before you begin...

Plan your deployment before setting up the virtual appliance. The back of this guide contains a reference section for entering information needed during virtual appliance configuration.

### 1 Verify Requirements

- ESXi VMware platform version 4.0 or later
- TRITON management server and off-box database:

[See TRITON system requirements](#)

You can create a virtual appliance cluster. However, a virtual appliance cannot be deployed in a cluster with a Forcepoint hardware appliance.

### 2 Obtain virtual appliance image

- Log on to My Account in the Forcepoint Support site and select the Downloads tab.
- Select the appropriate version for your Virtual Appliance image.
- Click **download** to save the image file (.ova) to a local directory.



### 3 Deploy virtual appliance image

- Using VMware vSphere Client (version 4.1 or later), select **File > Deploy OVF Template** to open the Deploy OVF Template wizard.
- Complete the wizard to deploy the appliance image.
- Default appliance settings at initial deployment are as follows:

Component	Setting
Disk space	200 GB
Memory	6 GB
CPU	4 cores
Number of network interfaces	1

- To change these default settings:
  - Power off the virtual appliance.
  - Right-click the virtual appliance name and select **Edit Settings**.
  - In the Virtual Machine Properties dialog box **Hardware** tab, change the CPU core number or memory capacity.
  - To add a network interface, click **Add**, select the **Ethernet Adapter** device type, and then complete the Add Hardware wizard. **Note:** The virtual appliance supports up to 2 network interfaces: eth0 and eth1.
  - Power the virtual appliance on.

### 4 Configure the Virtual Appliance

- Log on to the virtual appliance. Credentials are email\_va/email\_va#123.
- Enter the `su - root` command to set user to root. Password is websense123.
- Enter the `email_va_config.py` command.
- Accept the end-user license agreement.
- Configure the virtual appliance using the commands on the TRITON AP-EMAIL Virtual Appliance Configuration screen. Select the desired command and then select **Configure**.
  1. Set Hostname
  2. Change Password
    - We strongly recommend that you change the initial password for security reasons.
  3. Specify Network Interfaces:
    - Device configuration
      - a. Select **New Device**. The **Use DHCP** field is not used. Do not enter DNS server information in this screen. Use the DNS Configuration page.
      - b. Restart Network Service.
    - 4. Specify Network Interfaces: DNS configuration  
Enter DNS server information.
    - 5. Restart the email protection service.

You must restart the network service any time you change IP address information for the virtual appliance.

Your appliance can now run TRITON AP-EMAIL! Please see the Administrator Help for information about adding your appliance to the TRITON Manager Email module.



# Reference Sheet

## Virtual appliance configuration information:

Hostname	<input type="text"/>
Name	<input type="text"/>
Appliance ("device")	<input type="text"/>
IP address	<input type="text"/>
Subnet mask	<input type="text"/>
Default gateway	<input type="text"/>
Primary DNS	<input type="text"/>
Secondary DNS	<input type="text"/>
Tertiary DNS	<input type="text"/>

## Other virtual appliance commands available from the TRITON AP-EMAIL Virtual Appliance Configuration screen:

Command	Description
Configure Virtual IP Addresses	Configure addresses 1 at a time. Add an address in the Virtual IP address field and click Add. <b>Note:</b> Virtual IP addresses must be in the same subnet as the virtual appliance IP address. Each network interface may have up to 10 virtual IP addresses configured.
Configure Route	Click <b>Add</b> to create a new route. Enter the destination network, subnet mask, gateway, and interface. Click <b>OK</b> .
Backup/Restore Email Appliance	Click <b>Backup</b> to store a configuration backup file in <code>/var/backuprestore</code> . Files are listed in the format: Email <date>-<sequence number>.bak. For example, Email-20130801-2 is the second backup file generated on August 1, 2013. Select a backup file and click <b>Restore</b> to restore the settings in that file to the appliance.
Upgrade Email Appliance	Enter the URL (ftp or http) for the appliance upgrade file and click <b>Upgrade</b> . The upgrade log is stored in <code>/var/log/upgrade.log</code> .
View Configuration Summary	Click <b>OK</b> to save configuration and log information in <code>/var/configsummary</code> .

## Other commands available from the command-line interface:

Appliance Function	Command
CPU and memory usage	<code>top</code>
Disk usage	<code>iostat</code> <code>du</code>
Network bandwidth	<code>cat /proc/net/dev</code>
Service status	<code>ps</code>
Date/time	<code>date</code>
Time zone	Use the <code>tzselect</code> command and do the following: <ol style="list-style-type: none"><li>1. Select the continent.</li><li>2. Select the country. A "TZ='continent/country or city'" statement is displayed.</li><li>3. Add the following line to your "~/.bash_profile" file: TZ='continent/country or city'; export TZ</li><li>4. Run the following command: source ~/.bash_profile</li><li>5. Run the following command: ln -sf /usr/share/zoneinfo/&lt;continent&gt;/&lt;city&gt; /etc/localtime</li><li>6. Run the following command: /etc/init.d/rsyslog restart</li></ol>

## Support and Resources

[Forcepoint Technical Library](#)

Online Support and Contact Information  
[support.forcepoint.com](http://support.forcepoint.com)

