

Quick Start Guide

Websense 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 Websense hardware appliance.

2 Obtain virtual appliance image

- Log on to MyWebsense 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 click **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 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:

<u>Command</u>	<u>Description</u>
Configure Virtual IP Addresses	Configure addresses 1 at a time. Add an address in the Virtual IP address field and click Add. Note: 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 Add to create a new route. Enter the destination network, subnet mask, gateway, and interface. Click OK .
Backup/Restore Email Appliance	Click Backup 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 Restore 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 Upgrade . The upgrade log is stored in <code>/var/log/upgrade.log</code> .
View Configuration Summary	Click OK to save configuration and log information in <code>/var/configsummary</code> .

Other commands available from the command-line interface:

<u>Appliance Function</u>	<u>Command</u>
CPU and memory usage	<input type="text" value="top"/>
Disk usage	<input type="text" value="iostat, du"/>
Network bandwidth	<input type="text" value="cat/proc/net/dev"/>
Service status	<input type="text" value="ps"/>
Date/time	<input type="text" value="date"/>
Time zone	<p>Use the <code>tzselect</code> command and do the following:</p> <ol style="list-style-type: none">1. Select the continent.2. Select the country. A "TZ='continent/country or city'" statement is displayed.3. Add the following line to your "~/.bash_profile" file: TZ='continent/country or city'; export TZ4. Run the following command: source ~/.bash_profile5. Run the following command: ln -sf /usr/share/zoneinfo/<continent>/<city> /etc/localtime6. Run the following command: /etc/init.d/rsyslog restart

Support and Resources

[Websense Technical Library](#)

Online Support and Contact Information
support.websense.com

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