Quick Start Guide
Websense Email Security Gateway 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 Email Security Gateway system requirements

You can create a virtual appliance cluster. However, a virtual appliance cannot be deployed in a cluster with a Websense V-Series appliance.

2 Obtain virtual appliance image

- Log on to MyWebsense and select the Downloads tab.
- Select the appropriate version for Email Security Gateway Virtual Appliance image.
- Click **download** to save the image file (.ova) to a local directory.
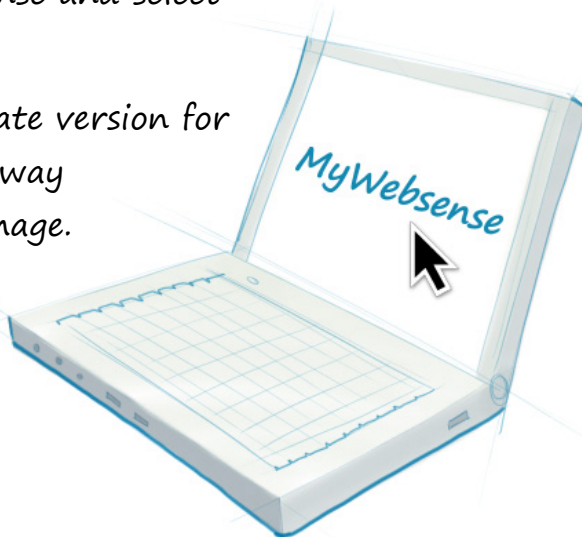
3 Deploy virtual appliance image

- 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 Email Security Gateway Virtual Appliance

- Log on to the virtual appliance. Credentials are root/websense123.
- Enter the **esgconfig.py** command.
- Accept the end-user license agreement.
- Configure the virtual appliance using the commands on the Email Security Gateway Virtual Appliance Configuration screen. Select the desired command and click **Configure**.
  1. Set Hostname
  2. Change Password
  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 to define your DNS servers.
     b. Restart Network Service.
  4. Specify Network Interfaces: DNS configuration
     Enter DNS server information.
  5. Restart Email Security Gateway Service

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

Your appliance is now configured to run Email Security Gateway!

websense

Reference Sheet

Virtual appliance configuration information:

Hostname	
Name	
Appliance ("device")	
IP address	
Subnet mask	
Default gateway	
Primary DNS	
Secondary DNS	
Tertiary DNS	

Other virtual appliance commands available from the Email Security Gateway 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**. **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 Security Gateway	Click **Backup** to store a configuration backup file in **/var/backuprestore**. Files are listed in the format: ESG-<date>-<sequence number>.bak. For example, ESG-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 Security Gateway	Enter the URL (ftp or http) for the appliance upgrade file and click **Upgrade**. The upgrade log is stored in /var/log/upgrade.log.
View Configuration Summary	Click **OK** to save configuration and log information in **/var/configsummary**.

Other commands available from the command-line interface:

Appliance Function	Command
CPU and memory usage	top
Disk usage	iostat, du
Network bandwidth	cat/proc/net/dev
Service status	ps
Date/time	date
Time zone	Use the tzselect command and do the following: 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 TZ 4. Run the following command: source ~/.bash_profile

Support and Resources

Websense Technical Library

Online Support and Contact Information
support.websense.com

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