



# 9.1 InterScan™ Messaging Security Virtual Appliance

## Patch 3

### Quick Installation Guide

Hybrid SaaS Email Security

for CentOS LINUX™ 7



Messaging Security

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<http://docs.trendmicro.com/en-us/enterprise/interscan-messaging-security.aspx>

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# Chapter 1

## Installation

The IMSVA installation process formats your existing system to install IMSVA. The installation procedure is basically the same for both a Bare Metal and a VMware ESX virtual machine platform. The Bare Metal installation boots off of the IMSVA installation DVD to begin the procedure and the VMware installation requires the creation of a virtual machine before installation.

This guide explains how to install IMSVA that supports CentOS Linux 7 as its operating system.

Topics include:

- [System Requirements on page 1-2](#)
- [Installing IMSVA \(CentOS Linux 7\) on page 1-3](#)

## System Requirements

The following table provides the recommended and minimum system requirements for running IMSVA.

**TABLE 1-1. System Requirements**

SPECIFICATION	DESCRIPTION
Operating System	<p>IMSVA provides a self-contained installation that uses a standard CentOS Linux operating system. This dedicated operating system installs with IMSVA to provide a turnkey solution. A separate operating system, such as Linux, Windows, or Solaris, is not required.</p> <hr/> <p> <b>Note</b> IMSVA uses a 64-bit operating system. When installing a 64-bit OS on ESX/ESXi, you need to enter the BIOS and enable VT (Virtualization Technology).</p>
CPU	<ul style="list-style-type: none"> <li>• Recommended: 8-core Intel™ Xeon™ processor or equivalent</li> <li>• Minimum: dual-core Intel™ Xeon™ processor or equivalent</li> </ul>
Memory	<ul style="list-style-type: none"> <li>• Recommended: 8GB RAM</li> <li>• Minimum: 4GB RAM</li> </ul>
Disk Space	<ul style="list-style-type: none"> <li>• Recommended: 250GB</li> </ul> <hr/> <p> <b>Note</b> IMSVA automatically partitions the detected disk space based on recommended Linux practices.</p> <hr/> <ul style="list-style-type: none"> <li>• Minimum: 120GB</li> </ul> <hr/> <p> <b>Note</b> IMSVA automatically partitions the detected disk space based on recommended Linux practices.</p>
Monitor	Monitor that supports 800 x 600 resolution with 256 colors or higher

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## Installing IMSVA (CentOS Linux 7)

**Note**

The current build 1983 contains all the features of IMSVA 9.1 Patch 3 and supports hotfix build 2031 or later.

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IMSVA provides a self-contained installation that supports the CentOS Linux 7 operating system.

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**Note**

If you want to set up parent/child configuration, make sure that all of your devices run either CentOS Linux 6 or CentOS Linux 7, rather than a combination of both.

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### Procedure

**1.** Start the IMSVA installation.

For system requirements, see [System Requirements on page 1-2](#).

- On a Bare Metal Server
  - a. Make sure the Bare Metal server supports CentOS 7.7 x86\_64.
  - b. Insert the IMSVA Installation DVD into the DVD drive of the desired server.
  - c. Power on the Bare Metal server.
- On a VMware ESX Virtual Machine
  - a. Create a virtual machine on your VMware ESX server.
  - b. Start the virtual machine.
  - c. Insert the IMSVA Installation DVD into the virtual DVD drive with any one of the following methods.

- Insert the IMSVA Installation DVD into the physical DVD drive of the ESX server, and then connect the virtual DVD drive of the virtual machine to the physical DVD drive.
  - Connect the virtual DVD drive of the virtual machine to the IMSVA-9.1-xxxx-x86\_64-CentOS7.iso file.
- d. Restart the virtual machine by clicking **VM > Send Ctrl+Alt+Del** on the VMware web console.

For both a VMware ESX Virtual Machine and a Bare Metal Server installation, a screen appears displaying the **IMSVA 9.1 Setup Wizard** with the following options:

- **Fresh Install:** Select this option to install IMSVA onto the new hardware or virtual machine.
- **System memory test:** Select this option to perform memory diagnostic tests.
- **Exit installation:** Select this option to exit the installation process and to boot from the local disk.



2. Select **Fresh install**.

## The License Agreement screen appears.

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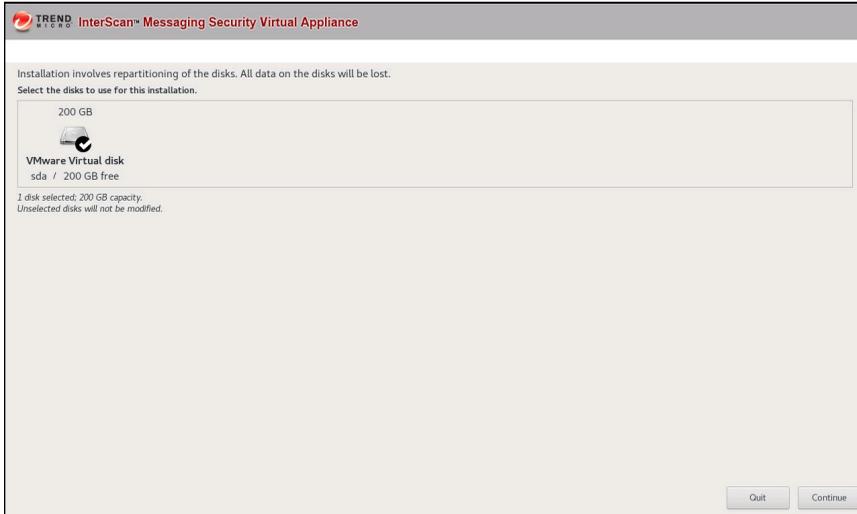
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Decline
Accept

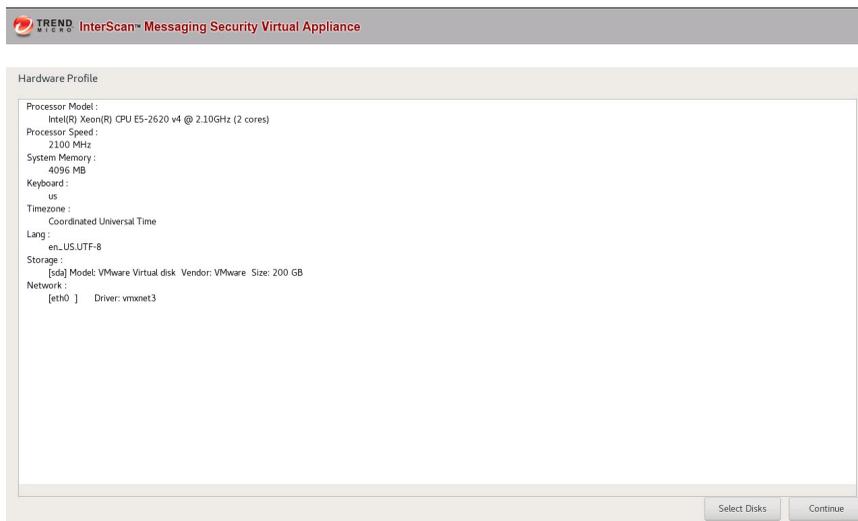
### 3. Click **Accept** to continue.

A screen appears for you to select the disk used for installation.



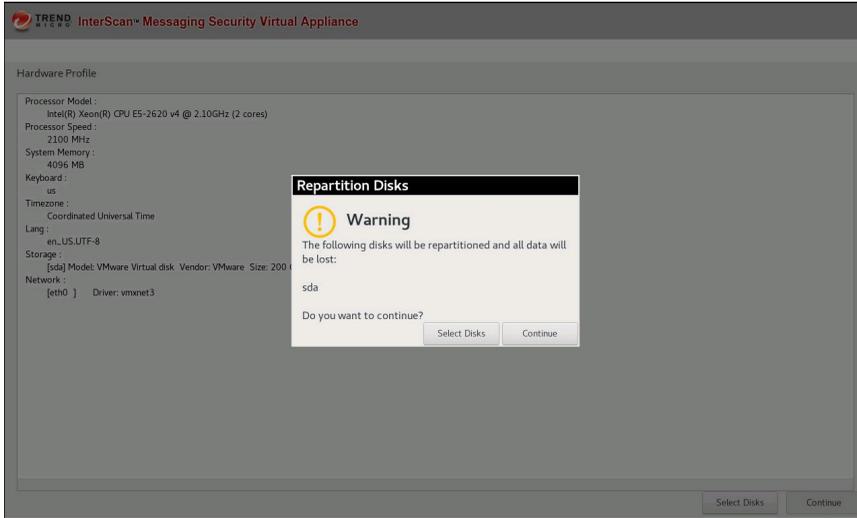
4. Select the disk and click **Continue**.

A screen appears, showing a summary of your hardware profile. The IMSVA installation program scans your hardware to determine if the minimum requirements have been met.



5. Verify the information and click **Continue**.

A warning dialog box appears.



6. Click **Continue** to proceed if all information is correct.

The installation program starts to format the disk. When formatting completes, the IMSVA installation begins.



7. Wait until the installation completes and remove the DVD from the drive to prevent reinstallation.

IMSVa reboots once the installation completes. After IMSVA reboots, the initial CLI login screen appears.

```
Trend Micro InterScan Messaging Security Virtual Appliance (IMSVa)

To manage IMSVA through the graphical user interface (GUI), open a browser window and choose any URL
from the following list:

    https://192.168.252.1:8445

You will be prompted for your administrator account and password.
Refer to the Administrator's Guide for the default account and password.

To manage IMSVA through the Command Line Interface (CLI),
log on using the following logon prompt. Refer to the Administrator's Guide
for the default account and password.

localhost login: _
```

8. Log on to IMSVA.
    - a. Log on with the following default credentials:
      - User name: `admin`
      - Password: `imsva`
    - b. At the prompt `>`, type `enable` and password and press **ENTER** to enter privileged mode:
      - User name: `enable`
      - Password: `Trend#2`
- In privileged mode, IMSVA requires you to change the default passwords for both the “enable” and “root” accounts before you continue.
- c. Change the default passwords of the two accounts as prompted.

```

Default password is used by user "enable". Please change the password.
Changing password for user enable.
New password:
Retype new password:
passwd: all authentication tokens updated successfully.

Default password is used by user "root". Please change the password.
Changing password for user root.
New password:
Retype new password:
passwd: all authentication tokens updated successfully.

Entering privileged mode...
#

```

9. Complete network configurations so that you can access the management console.
  - a. Run the following command to start configuring network configurations:

```
configure network basic
```
  - b. Configure each of the following network configurations and press **Enter**:

**TABLE 1-2. Network Configurations**

PARAMETER	DESCRIPTION
Host name	Type the applicable FQDN for this IMSVA host.
IPv4 address	Type the IMSVA management IPv4 address and subnet mask.
IPv4 gateway	Type the applicable IP address as the gateway for this IMSVA installation.
Preferred IPv4 DNS	Type the applicable IP address as the preferred DNS server for this IMSVA installation.
Alternate IPv4 DNS	Type the applicable IP address as the alternate DNS server for this IMSVA installation.

PARAMETER	DESCRIPTION
(Optional) IPv6 address	Optionally type the IMSVA management IPv6 address and subnet mask.

- c. Type **Y** to confirm settings and restart.

IMSVA implements the specified network configurations and then restarts all services. The initial configuration is completed, and the IMSVA management console is accessible.

- 10.** (Optional) If you want to use an external database, use the following command to initialize the external database:

```
#!/opt/trend/imss/script/cfgtool.sh init_new_ext_admindb  
admin_db_address admin_db_port admin_db_user  
admin_db_password admin_db_name
```

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