

VMware Quick Start Guide

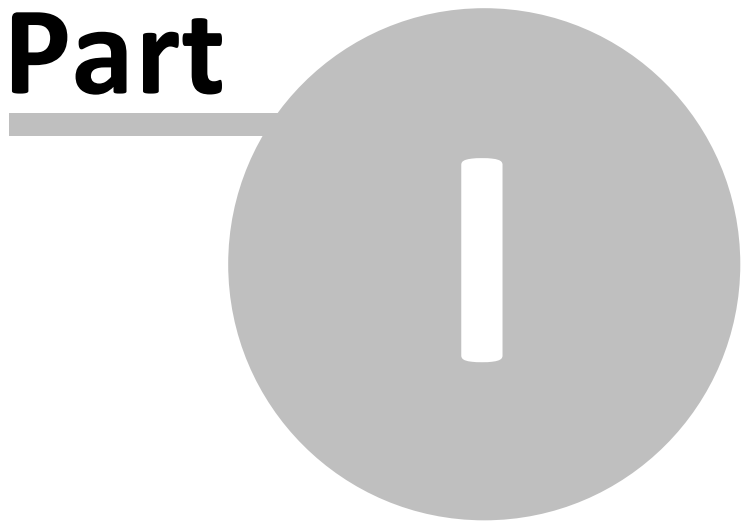
Exinda ExOS Version 6.3

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Part



1 Introduction

VMware Quick Start Guide

Exinda Firmware Version: 6.3

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1.1 Using this Guide

Throughout the manual the following text styles are used to highlight important points:

- Useful features, hints and important issues are called "notes" and they are identified in a light blue background.

Note: This is a note.

- Practical examples are presented throughout the manual for deeper understanding of specific concepts. These are called "examples" and are identified with a light green background.

This is an example.

- Warnings that can cause damage to the device are included when necessary. These are indicated by the word "caution" and are highlighted in yellow.

Caution: This is a caution.

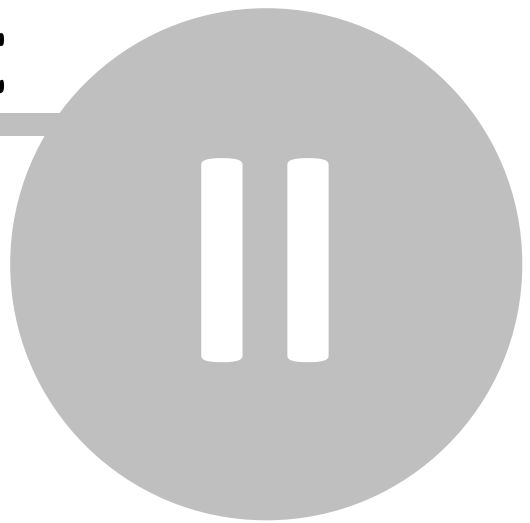
1.2 Further Reading

In addition to this guide, the following additional user documentation is available:

- Exinda Quick Start Guides
- Exinda User Manual
- Exinda Command Line Interface (CLI) Reference Guide
- Exinda "How To" Guides
- Exinda Licensing Guides

Please visit <http://www.exinda.com> for more information.

Part



2 Overview

This document is intended to provide a step-by-step initial setup of the Exinda Virtual Appliance (EX-V) on VMware vSphere Hypervisor. Please refer to the *Exinda License Guide* for more details on the Licensing process in conjunction with this document.

2.1 Version Support

The VMware versions that the EX-V is supported on for VMware vSphere Hypervisor:

- 4.0
- 4.1
- 5.0

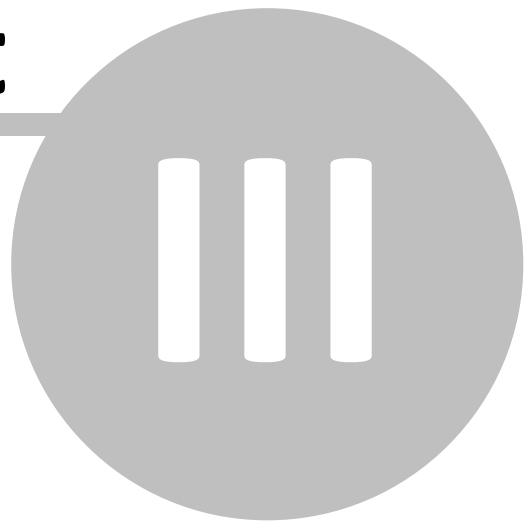
2.2 Process Overview

The process for getting started with the Exinda Virtual Appliance consists of three steps:

1. **Registration & Download of the Exinda Virtual Appliance for VMware** — Register to access the download site, and be redirected to the appliance download page where you select the VMware OVF file.
2. **Install the EX-V VMware OVF format image** — Install the appliance using the default installation process to get the HOST ID required to license the virtual appliance. Configuration settings can be modified at a later date through the Exinda interface.
3. **License the EX-V as a Trial License or Purchased License** — License the Exinda virtual appliance with the HOST ID you captured in the previous installation section, and license as either a trial license or Purchased License.

Warning: After the license has been installed on the virtual machine, you **MUST** check for updates to the Exinda software. To check for the latest update, in the Exinda Web UI go to **System > Maintenance > Firmware Update** and click **Check for Latest Update**. Install any updates available for the Exinda.

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3 Overview of the Exinda License Process for Virtualization Appliance

The Exinda virtual appliance license process is very simple. To trial the Exinda Virtual appliance, go to the Exinda website for the virtual appliance and select the 30 day free trial icon. You will be prompted for your contact information and hypervisor type.

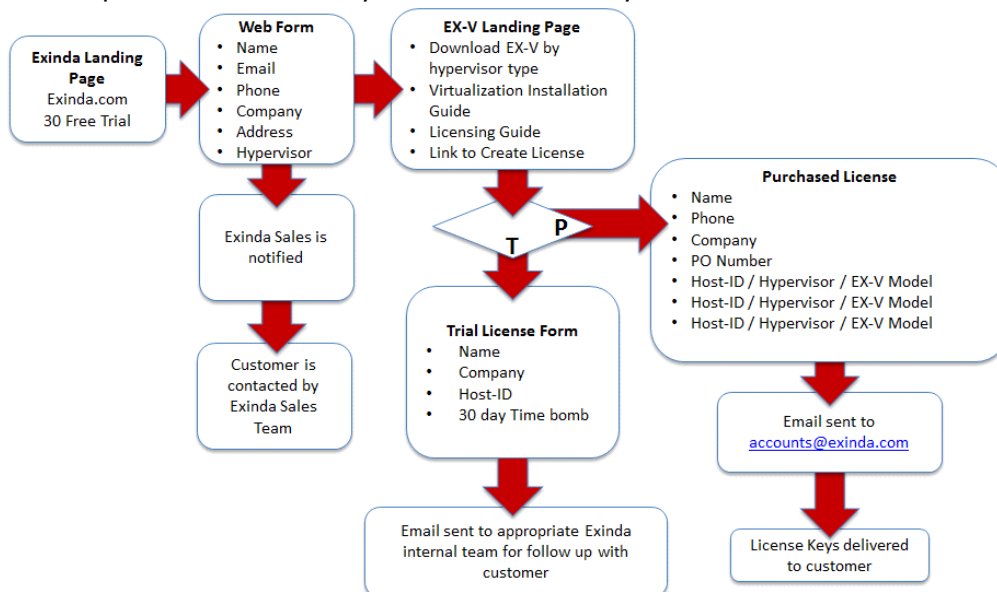
Two things will happen:

1. An email notification is sent to your local Exinda sales team for them to contact you;
2. A new landing page for the EX-V is presented to you with the option to download the virtual appliance, EX-V documentation, and the link to create a trial license.

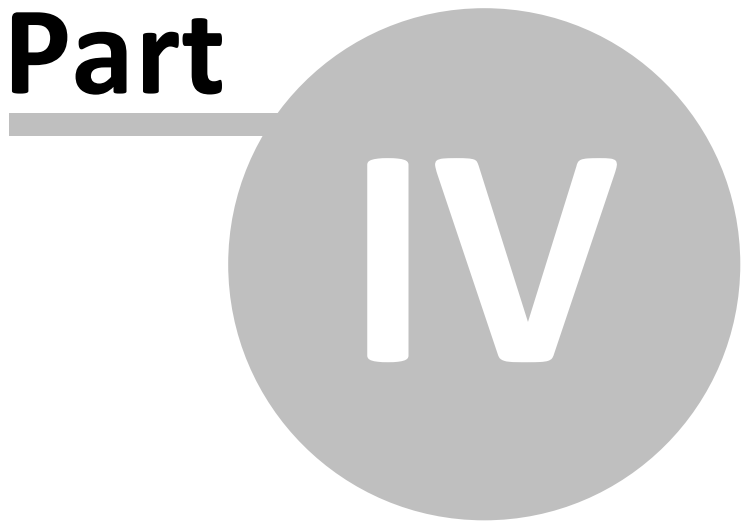
Equally, you have the option to purchase an Exinda license for your EX-V appliance. You are either presented with a new purchase license landing page or you can come back to the page after you have completed the evaluation. The purchased license web form prompts you for:

- your contact information,
- PO number,
Note: You must have already completed a Purchase Order to complete this form.
- Host-ID,
- hypervisor type, and
- the license level you have purchased for each EX-V appliance.

Once you have completed the purchased license form, the Exinda accounting team is notified and the purchased license keys will be emailed to you.



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IV

4 Download the Exinda Virtual Solution

Congratulations you have found the 30 Day trial license for the Exinda Virtual appliance. You should have landed on the page <http://exinda.force.com/virtual> that looks like the image below.



1. Click the **VA** icon to take you to the download page.
2. Complete the form on <http://blog.exinda.com/virtual-download/> and click **Submit**.
3. After you have entered in your information, download your image based on the hypervisor of choice and proceed with the trial licensing process. Follow the email, similar to the one below, that includes the three easy steps to exploring the Exinda virtual appliance.

Thank you for your interest in Exinda's virtual appliance.

To get started, follow these 3 easy steps:

STEP 1

Download the latest Exinda Virtual machine image based on your hypervisor.

[VMware ESX/ESXi Download](#)

[Citrix XenServer Download](#)

[Microsoft Hyper-V Download](#)

[Linux KVM \(kernel-based virtual machine\) - 32 bit image](#)

[Linux KVM \(kernel-based virtual machine\) - 64 bit image](#)

STEP 2

Read the [Quick Start License Guide](#) and create a HOSTID

STEP 3

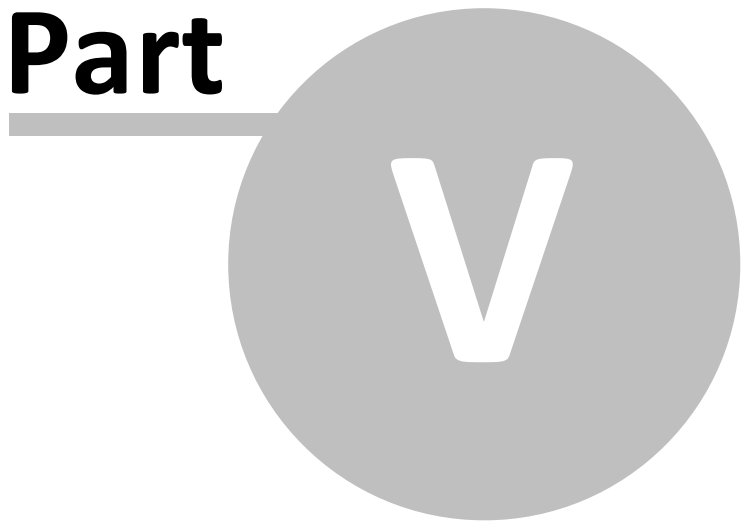
Place your HOSTID and email address in the [Exinda Trial License Generator](#) to create your 30 day license.

Thank you,

Branden Reid | Product Marketing
Exinda



Part



5 VMware License Process

In this step we walk you through installing on VMware ESXi version 4.1. The process is the same for VMware 5.0.

Note: You must download both the **VMware ESX/ESXi Download (exinda.ovf)** and the **VMware VMDK (Exinda-disk1.vmdk)** files from the [Exinda website](#).

1. In the vSphere Client, select **File > Deploy OVF Template**.
2. Enter in the location where you downloaded the Exinda OVF file to and press **Next**.



3. To accept the End User License Agreement, select **Accept** and click **Next**.
4. Enter a user-defined name unique to this virtual Exinda instance, then press **Next**.



5. Select either **Thin Provisioning** or **Thick Provisioning**. Exinda recommends Thick Provisioning.

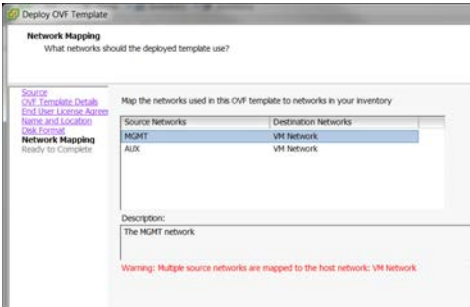
Press **Next**.

You will have the opportunity to change the disk storage for the EX-V image later.



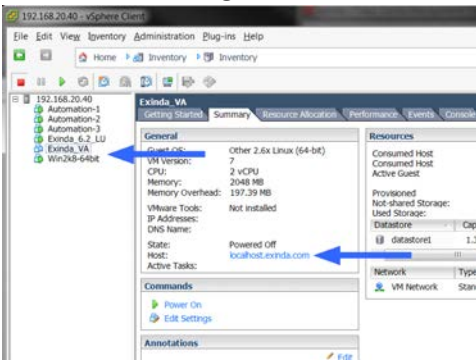
6. Maps the networks used in the OVF template to the networks in the ESXi inventory. Press **Next**.

You will have the option to change the network interfaces later.

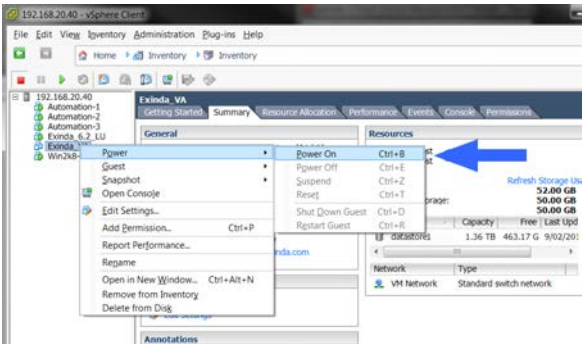


7. Review the selected options and press **Finish**. The deployment of the EX-V image starts. A progress bar is displayed, indicating the Exinda virtual machine has started building the deployment.

8. When the Exinda virtual machine as finished deployment, click Close and power on the Exinda virtual machine. The Exinda virtual machine is powered off by default. Power on the EX-V to find the Host-ID and the DHCP assigned IP address.

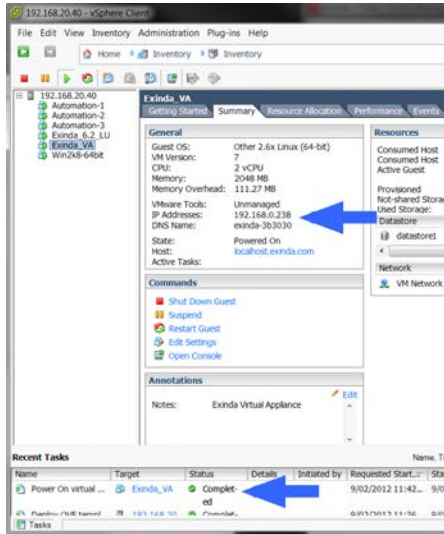


9. Right-click the EX-V and select **Power > Power On** the virtual appliance.



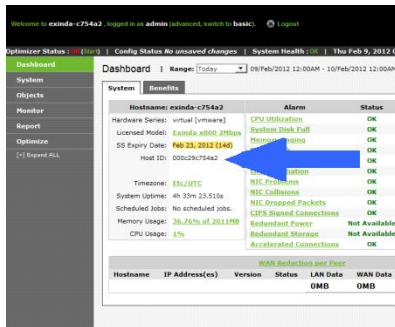
When the Exinda virtual machine has completed the Power-On process, it is assigned an IP Address via DHCP.

10. Open a browser and enter the IP address of the Exinda virtual appliance to find out the Host-ID information.



The default user name is **admin**, and the password is **exinda**.

11. Browse to the Dashboard Tab and find the Host-ID that the ESXi created for this virtual machine.



5.1 Generate your Trial License

In this step you will go to https://license.exinda.com/virtual_trial/ URL to create your trial license. Your trial license will be emailed to you after you complete this step.

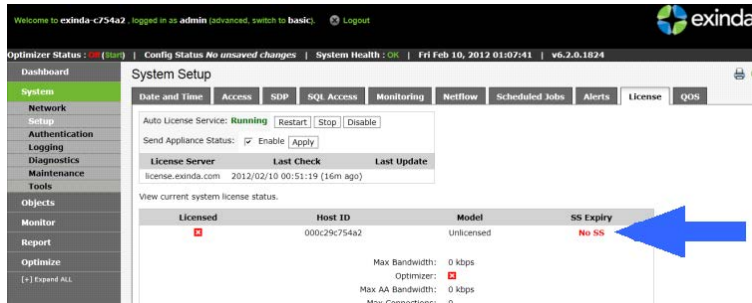
1. Enter in the Host-ID information, select from the pull down menu the License Type, enter your email address, and which Hypervisor Type you have installed the EX-V on. Once you have entered this information you will press the Create button to continue.



2. Once you have received your license key in your email, copy the license key into the Exinda GUI.

a. In a browser, navigate to the IP address assigned to your Exinda Virtual machine.

b. To view the status of your license, select **System > Setup > License**.
The screen below indicates this system is not licensed.



c. Scroll down the screen and copy the license key string.

You may also select **Check for License Online** if your Host-ID has been previously entered into the system. Since this is probably the first time you are licensing your virtual machine, and your Host-ID was recently created, copy and paste your license key.

You MUST be connected to the Exinda License Server at all times for the EX-V appliance to work.

d. Click **Add License**.



3. After you have applied the License Key you can confirm your system has been licensed on the **System > Setup > License** page,



or the **Dashboard > System** page.



4. Save any changes, and reboot your system.

Congratulations you have successfully licensed your Exinda virtual appliance. Accelerate away!

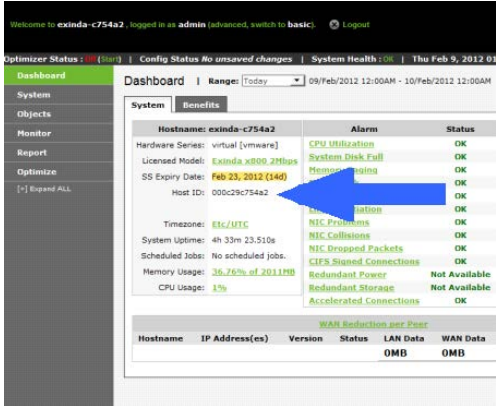
5.2 Purchase a License

In this step you will purchase a license from a web form. You must have your Host-ID information for each EX-V appliance and the PO number. As with the trial license process, you must have installed the EX-V and captured the Host-ID information to complete this process.

Warning: After the license has been installed on the virtual machine, you **MUST** check for updates to the Exinda software. To check for the latest update, in the Exinda Web UI go to **System > Maintenance > Firmware Update** and click **Check for Latest Update**. Install any updates available for the Exinda.

1. Open up a browser and enter https://ip_address_of_your_Exinda_VM_here
2. Log into your Exinda VM. The default user name is **admin**, and the password is **exinda**.

3. On the **Dashboard > System** Tab, find the Host ID that the ESXi created for this virtual machine.



You must have your purchase order number that details the type of license and number of licenses you have purchased. You will need the following:

- Host ID
- Hypervisor Type = VMware
- License Level – this will be based on a bandwidth license
You will need this information for each EX-V virtual appliance.

4. Navigate to the following link to purchase a license: https://ec2-107-20-195-21.compute-1.amazonaws.com/virtual_purchase/.

5. Complete the Virtual Appliance Purchase form as required.

The screenshot shows the 'Virtual Appliance Purchase' form on the Exinda website. The form contains the following fields and instructions:

- Name:** [Text input field]
- E-Mail Address:** [Text input field]
- Phone Number:** [Text input field]
- Company:** [Text input field]
- PO Number:** [Text input field]
- Host ID:** [Text input field]
- Hypervisor:** [Dropdown menu with 'VMware ESX/ESXi' selected]
- License:** [Dropdown menu with '2850-1M' selected]

Buttons at the bottom include 'Add New Row' and 'Send Purchase Information'. The form also includes a 'NOTE' section with instructions on how to acquire the Host ID information.