




# OpenManage Integration for VMware vCenter Quick Installation Guide for Web Client Version 2.1



# 注、小心和警告

 注：“注”表示可以帮助您更好地使用计算机的重要信息。

 小心：“小心”表示可能会损坏硬件或导致数据丢失，并说明如何避免此问题。

 警告：“警告”表示可能会造成财产损失、人身伤害甚至死亡。

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# 安装快速入门

## 安装简介


本指南提供在 Dell 服务器上安装并配置 OpenManage Integration for VMware vCenter 的逐步式说明。安装完成后，请参考 *OpenManage Integration for VMware vCenter User's Guide*（OpenManage Integration for VMware vCenter 用户指南）了解关于所有管理各方面的信息，包括：资源清册管理、监测和报警、固件更新、以及保修管理。

 **注:** 对于 PowerEdge 第 12 代服务器主机上的安装，不需要安装 OMSA 代理程序。有关 OMSA 的更多信息，请参阅 *OpenManage Integration for VMware vCenter User's Guide*（OpenManage Integration for VMware vCenter 用户指南）中的“了解用于第 11 代主机的 OMSA”一节。对于第 9 代、第 10 代和第 11 代，则需要安装 OMSA 代理程序并且必须手动安装。要更清楚地了解 PowerEdge 第 12 代服务器和第 12 代之前的主机，请参阅本发行版的“发行说明”。

## 前提条件

必须满足以下信息，然后才能开始产品安装。

- 分配给 OpenManage Integration for VMware vCenter 虚拟设备的 TCP/IP 地址信息。
- 用户名和密码，用于 OpenManage Integration for VMware vCenter 访问 vCenter 服务器。这应为具有所有所需权限的管理员角色。有关 vCenter 内可用 OpenManage Integration for VMware vCenter 角色的附加信息，请参阅 *用户指南* 中的“OpenManage Integration for VMware vCenter 配置”一章。
- 用于 ESX/ESXi 主机系统的 root 密码。
- 与 iDRAC Express 或 Enterprise 相关的用户名和密码（仅用于包括 iDRAC 的主机系统）。
- 确保 vCenter 服务器和 vSphere 客户端当前正在运行。
- 了解 OpenManage Integration for VMware vCenter OVF 文件的位置。
- 在任何由 vCenter 实例（将使用虚拟设备注册）管理的 ESX/ESXi 主机上安装 OpenManage Integration for VMware vCenter（虚拟设备）。
- VMware vSphere 环境必须满足虚拟设备、端口访问和监听端口要求。此外，还需在 vSphere 客户端系统上安装 Adobe Flash player 11.5 或更高版本。

 **注:** 该虚拟设备起到普通虚拟机的作用；任何中断或关机都会影响到该虚拟设备的整体功能。

## 产品硬件要求

OpenManage Integration for VMware vCenter for VMware vCenter 为带有 iDRAC 的第 11 代和第 12 代 Dell 服务器提供全面支持，为第 9 代和第 10 代 Dell 服务器提供有限支持。要确定您的 Dell 服务器属于哪一代，请参阅“发行说明”中的表格。有关具体硬件支持信息，请参阅 *OpenManage Integration for VMware vCenter Release Notes*（OpenManage Integration for VMware vCenter 发行说明）。


## Software Requirements

The vSphere environment must meet virtual appliance, port access, and listening port requirements.

VMware vSphere has both a desktop client and Web client.

### Requirements for Web Client

- Supported for vCenter 5.5 or higher.

 **NOTE:** It is recommended that the OpenManage Integration for VMware vCenter and vCenter server are located on the same network.

For specific software requirements, refer to the *OpenManage Integration for VMware vCenter Release Notes*.

### OpenManage Integration for VMware vCenter Port Requirements

- 443 (https) and 80 (http) - For Administration Console
- 4433 (https) - For auto discovery and handshake
- 162 and 11620 - For SNMP trap listener
- 2049, 4001, 4002, 4003, 4004 - For NFS share

## 安装和配置概览

下列高级别步骤简要概括了 OpenManage Integration for VMware vCenter 的安装步骤。这些步骤假设所需硬件均已到位且运行所需的 VMware vCenter 软件。对于在 PowerEdge 第 12 代服务器上的安装，无需安装 OMSA 代理程序。有关 OMSA 的更多信息，请参阅 *OpenManage Integration for VMware vCenter User's Guide*（OpenManage Integration for VMware vCenter 用户指南）。


下列信息简要介绍安装过程。要开始实际安装，请参阅 [使用 vSphere Web 客户端部署 OVF](#)（[OVF](#)）。

### 安装概览

1. 安装 OpenManage Integration for VMware vCenter。
  - a. 确保所有系统均已连接，并且 vCenter 服务器和 vSphere 客户端以及 vSphere Web 客户端正在运行。如果您具有的是 SSO 环境，则需要确保 SSO 服务器开启并可运行。
  - b. 部署 Open Virtualization Format (OVF) 文件，该文件中包含将使用 vSphere 客户端或 vSphere Web 客户端的 OpenManage Integration for VMware vCenter。
  - c. 上载许可证文件。
  - d. 使用管理控制台在 vCenter 服务器中注册 OpenManage Integration for VMware vCenter。
2. 完成初始配置向导。

### Deploying the OpenManage Integration for VMware vCenter OVF Using the vSphere Web Client


This procedure assumes that you have downloaded and extracted the product zip file (Dell\_OpenManage\_Integration\_<version number>.<build number>.zip) from the Dell website.

 **NOTE:** Thick Provision Eager Zeroed is the disk format recommended during this installation.

To deploy the OpenManage Integration for VMware vCenter OVF using the vSphere Web Client:

1. Locate the OpenManage Integration for VMware vCenter virtual disk that you downloaded and extracted and run **Dell\_OpenManage\_Integration.exe**.
2. Agree to the EULA, extract the Quick Installation guide and obtain the OVF file.
3. Copy/move the OVF file to a location accessible to the VMware vSphere host to which you will upload the appliance.

4. Start the VMware vSphere web client.
5. From the VMware vSphere web client, select a host and in the main menu click on **Actions** → **Deploy OVF Template**. You can also right-click on Host and select **Deploy OVF Template**. The **Deploy OVF Template** wizard is displayed.
6. In the **Select Source** window, do the following:
  - a. **URL**: If you want to download the OVF package from internet, select the **URL** radio button.
  - b. **Local file**: If you want to select the OVF package from your local system, select the **Local file** radio button and click on **Browse**.

 **NOTE**: The install can take between 10 to 30 minutes if the OVF package resides on a network share. For the quickest installation, it is recommended that you host the OVF on a local drive.
7. Click **Next**. The **Review Details** window is displayed.
8. The following information is displayed in the **Review Details** window:
  - a. **Product**: The OVF template name is displayed.
  - b. **Version**: The version of the OVF template is displayed.
  - c. **Vendor**: The vendor name is displayed.
  - d. **Publisher**: The publisher details are displayed.
  - e. **Download Size**: The actual size of the OVF template in Gigabytes.
  - f. **Size on Disk**: Details of thick and thin provisioned details are displayed.
  - g. **Description**: You can view the comments.
9. Click **Next**. The **Select Name and Folder** window is displayed.
10. In the **Select Name and Folder** window, do the following:
  - a. In the **Name** text box, enter the name of the template. This name can contain up to 80 characters.
  - b. In the **Select a folder or datacenter** list, select a location to deploy the template.
11. Click **Next**. The **Select Storage** window is displayed.
12. In the **Select Storage** window, do the following:
  - a. From the **Select Virtual Disk Format** drop-down list, select either Thick Provision (lazy Zeroed), Thick Provision (Eager zeroed), or Thin Provision to store the virtual disk. It is recommended that you select Thick Provision (lazy Zeroed).
  - b. From the **VM Storage Policy** drop-down list, select one of the policies.
13. Click **Next**. The **Setup Networks** window is displayed.
14. The **Setup Networks** window is displayed which contains details about the source and destination networks. Click **Next**.
15. In the **Ready to Complete** window, review the selected options for the OVF deployment task and click **Finish**. The deployment job runs and provides a completion status window where you can track job progress.

### Registering OpenManage Integration for VMware vCenter and Importing The License File

This procedure assumes that you have received the licenses in the form of an e-mail attachment from **download\_software@dell.com**. If you have more than one license, you can add the licenses one after another. The license file is available as an XML format file.

1. From the vSphere web client, select **Home** → **Hosts and Clusters**, then in the left panel, locate the OpenManage Integration just deployed, and then click **Power on the virtual machine**. During Deployment if you select the **Power on after Deployment** check box, the virtual machine will be powered on automatically after deployment.
2. Click the **Console** tab in the main VMware vCenter window to initiate the Administration Console.
3. Allow the OpenManage Integration for VMware vCenter to finish booting up and then enter the user name for the administrator (the default is Admin), and set a password.

4. Configure the OpenManage Integration for VMware vCenter network and time zone information.

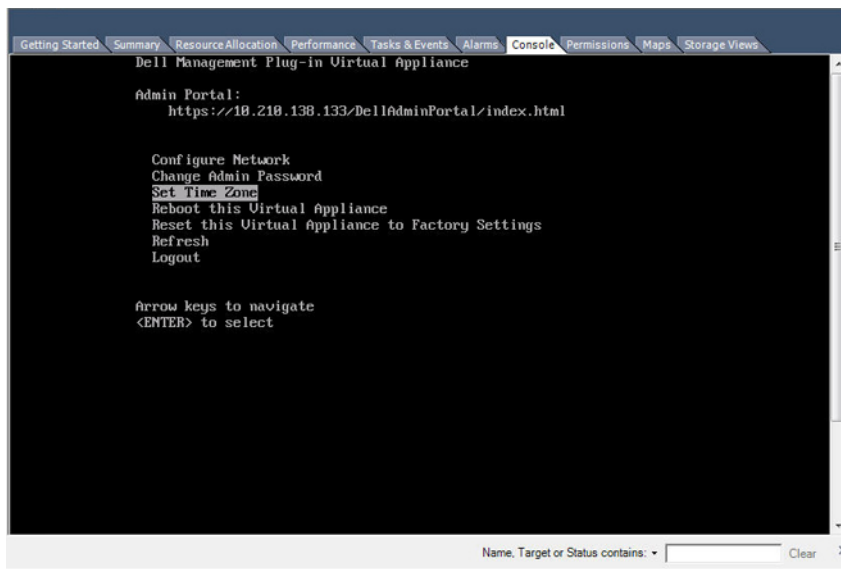


Figure 1. Console tab

5. To open the Administration Console for the product, open a Web browser and type the appliance's IP address or hostname. The IP address is the IP address of the appliance VM and not the ESXi host IP address. The Administration Console can be accessed using the URL mentioned at the top of the console. For example: <https://10.210.126.120> or <https://myesxihost>.

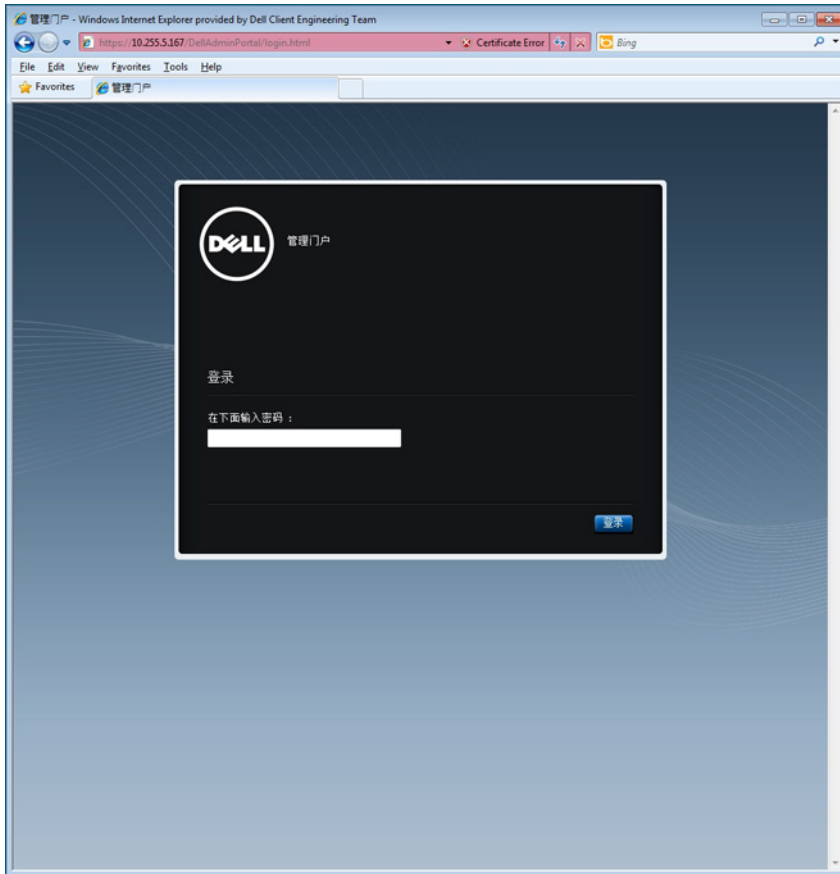
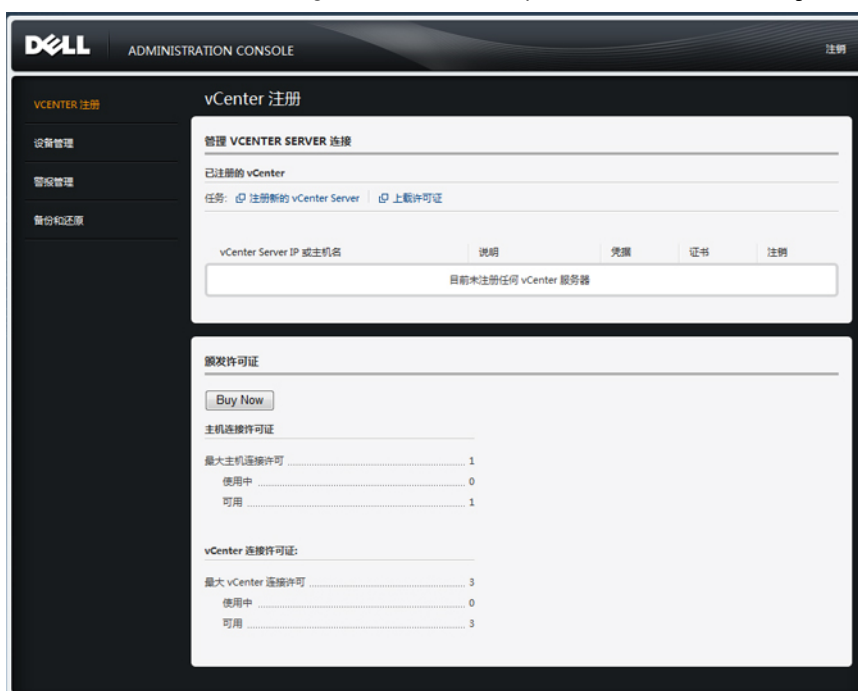


Figure 2. Administration Console

6. In the **Administration Console** login window, enter the password, and then click **Login**.



**Figure 3. vCenter Registration Window from within the Administration Console**

7. In the **vCenter Registration** window, click **Register New vCenter Server**.
8. On the **Register New vCenter Server** window, do the following:
  - a. Under **vCenter Name**, in the **vCenter Server IP or Hostname** text box, enter the server IP or hostname and then in the **Description** text box, enter the optional description.
  - b. Under **Admin User Account**, in the **Admin User Name** text box, enter the Admin user name. Enter the username as domain\user or domain/user or user@domain. The Admin user account is used by the OpenManage Integration for vCenter administration.
  - c. In the **Password** text box, enter the password.
  - d. In the **Verify Password** text box, enter the password again.
9. Click **Register**.
10. Do one of the following:
  - If you are using the OpenManage Integration for VMware vCenter trial version, skip to step 12.
  - If you are using the full product version, the license file will be e-mailed to you, and you must import this license to your virtual appliance. To import the license file, click **Upload License**.

11. On the **Upload License** window, click the **Browse** button to navigate to the license file. Click **Upload** to import the license file.

 **NOTE:**

- If the license file is modified or edited in any way, the license file will not work and you must send an e-mail with the original order number to **download\_software@dell.com**. For any license file support, e-mail to **download\_software@dell.com** with your original order number. The license XML file is used in this procedure and it does not come with a hard coded file name.
  - You cannot use an individual license XML file to upload, instead use the license XML file included in a compressed file.
12. Once the OpenManage Integration for VMware vCenter is registered, the OpenManage Integration icon displays under the Administration category of Web Client home page

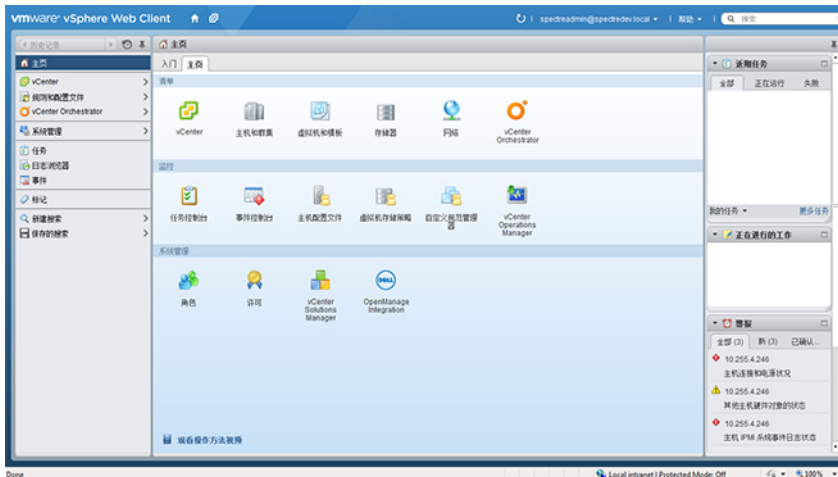


Figure 4. The OpenManage Integration for VMware vCenter Successfully Added to vCenter

## 安装验证

以下步骤验证 OpenManage Integration for VMware vCenter 是否已成功安装：


1. 关闭任何 vSphere 客户端窗口，并打开一个新 vSphere Web 客户端。
2. 确认是否在 vSphere Web 客户端中显示了 OpenManage Integration 图标。
3. 通过从 vCenter 服务器向虚拟设备 IP 地址或主机名尝试 ping 命令来检查 vCenter 是否能与 OpenManage Integration for VMware vCenter 进行通信。
4. 在 vSphere Web 客户端，单击 **插件** → **受管插件**。在 **插件管理器** 窗口，验证是否已安装和启用 OpenManage Integration for VMware vCenter。

## Upgrading OpenManage Integration plug-in from Version 2.0 to the Current Version

To upgrade OpenManage Integration plug-in from version 2.0 to the current version:

1. Open a Web browser and enter the Administration Console URL displayed in the vSphere vCenter **Console** tab for the virtual machine you want to configure. You can also use the link displayed on the **Help and Support** page in the Dell Management Console. The URL is represented in the following format and is case-insensitive: <https://<ApplianceIPAddress>>.
2. On the **ADMINISTRATION CONSOLE** page, in the left pane, click **APPLIANCE MANAGEMENT**.

3. To upgrade OpenManage Integration plug-in from version 2.0 to the current version, do one of the following:
  - To upgrade using the RPM that is available in the **Default Update Repository**, under **APPLIANCE SETTINGS**, click **Update Virtual Appliance**, and then go to step 6.
  - To upgrade using the latest downloaded RPMs, on the **Appliance Management** page, in the **APPLIANCE UPDATE** section, click **Edit**, and then in the **Update Repository Path** text box, update the path.

 **NOTE:** If you have downloaded the RPM folders or files to the different HTTP location, then modify the repository path so that you point to the same folder as specified in the default path for the repository location.

4. To save the updates, click **Apply**.
5. To apply the update to the virtual appliance, under **Appliance Settings**, click **Update Virtual Appliance**.
6. In the **UPDATE APPLIANCE** dialog box, click **Update**. After you click **Update**, you are logged off the **ADMINISTRATION CONSOLE** page.

### ***Migration Path to migrate from 1.6/1.7 to 2.1***

OpenManage Integration for VMware vCenter version 2.1 is an OVF release only. There is no RPM update path from the older versions to this version. You can migrate from older version (1.6 or 1.7) to the version 2.1 release using the Backup and Restore path. Also, the migration path is only supported from version 1.6 and 1.7. If you are at a lower version than 1.6, you will have to upgrade your appliance to the supported version before you perform the migration to OpenManage Integration for VMware vCenter version 2.1.

Do the following to migrate from older version to the OpenManage Integration for VMware vCenter 2.1 version:

1. Take a Backup of the database for the older (v1.6 / 1.7) release. For more information, See, **OpenManage Integration for VMWare vCenter version 2.1 User's Guide**.
2. Power off the older appliance from the vCenter.

 **NOTE:**

Do not unregister the Plug-in from the vCenter. Unregistering the plug-in from the vCenter will remove all the Alarms registered on the vCenter by the plug-in and remove all the customizing performed on the alarms like actions and so on, on the vCenter. For more information, see the section **How to recover if I have unregistered the older plugin after the backup** in this guide if you have already unregistered the Plug-ins after the backup.

3. Deploy the new OpenManage Integration version 2.1 OVF. For more information, see the section **Deploying the OpenManage Integration for VMware vCenter OVF Using the vSphere Web Client** in this guide to deploy the OVF.
4. Power on the OpenManage Integration version 2.1 appliance.
5. Setup the network, time zone and so on to the appliance. It is recommended that the new OpenManage Integration version 2.1 appliance has the same IP address as the old appliance. To setup the network details, see the section, **Registering OpenManage Integration for VMware vCenter And Importing The License File** in this guide.
6. Restore the database to the new appliance. For more information, see the section, **Restoring The Database From A Backup** in the **OpenManage Integration for VMWare vCenter Version 2.1 User Guide**.
7. Upload the new license file. For more information, see the section, **Registering OpenManage Integration for VMware vCenter And Importing The License File** in guide.
8. Verify the appliance. For more information, see the section **Installation Verification** in this guide to ensure the database migration is successful.

9. Run the Inventory on all the registered vCenters.


 **NOTE:**

It is recommended that you run the inventory on all the hosts managed by the plug-in again after the upgrade. For more information, see the section **Running Inventory Jobs** for steps to run the inventory on demand.

If the IP address of the new OpenManage Integration version 2.1 appliance has changed from that of the old appliance, the trap destination for the SNMP traps must be configured to point to the new appliance. For 12G servers, this will be fixed by running the Inventory on these hosts. For all 11G or lower generation hosts that were earlier complaint, this IP change will show up as non-complaint and will require configuring OMSA. For more information, see the section, **Running the Fix Non-Compliant VSphere hosts Wizard** to fix the host compliance in the **OpenManage Integration for VMWare vCenter Version 2.1 User Guide**.

*How to recover if I have unregistered the older plugin after the backup*

If you have unregistered the plug-ins after taking backup of the database of the older version, perform the following steps before proceeding with the migration.

 **NOTE:** Unregistering the plug-in has removed all the customizing that was done on the registered alarms by the plug-in. The following steps will not be able to restore the customizing, however, it will re-register the alarms in the default state.

1. Perform the steps 3-5 in the section **Migration Path to migrate from 1.6/1.7 to 2.1**.
2. Register the plug-in to the same vCenters that you had registered earlier in the older plug-in.
3. Proceed with step 6 through step 9 in the section **Migration Path to migrate from 1.6/1.7 to 2.1** to complete the migration.


# 了解如何配置或编辑 OpenManage Integration for VMware vCenter

完成 OpenManage Integration for VMware vCenter 的基本安装之后，在单击 Dell OpenManage Integration 图标时会显示初始配置向导。第一次启动时，请使用初始配置向导来配置设置。后续情况可使用 **设置** 页面。还可以从初始配置向导中编辑保修、资源清册、事件和警报的设置。虽然初始配置向导是最常用的方法，但也可通过 OpenManage Integration for VMware vCenter 中设备的 **OpenManage Integration** → **管理** → **设置** 页面来完成该任务。有关初始配置向导的更多信息，请参阅 **OpenManage Integration for VMWare vCenter User Guide**（OpenManage Integration for VMware vCenter 用户指南）。

## 使用配置向导的配置任务

可使用初始配置向导为一个 vCenter 或所有已注册的 vCenter 配置以下内容：

1. [vCenter 选择](#)
2. [创建新的连接配置文件](#)
3. [计划资源清册作业](#)
4. [运行保修检索作业](#)
5. [配置事件和警报](#)

 **注：**也可以使用 **开始** 页面中 **基本任务** 下的链接 **启动初始配置向导** 来启动初始配置向导。

## 配置向导欢迎页面

安装 OpenManage Integration for VMware vCenter 后，必须对其进行配置。

1. 在 **vSphere Web 客户端** 中，单击 **主页**，然后单击 **OpenManage Integration** 图标
2. 第一次单击 **OpenManage Integration** 图标时，会打开 **配置向导**。也可以在 **OpenManage Integration** → **使用入门** → **启动初始配置向导** 页面中访问此向导。

## vCenter Selection

The vCenter selection page allows you to select a specific vCenter to configure it, or allows you to select all vCenters to configure them.


1. In the **Initial Configuration Wizard**, click on **Next** in the **Welcome** screen.
2. Select one vCenter or all vCenters from the **vCenters** drop-down list. Select an individual vCenter for those not configured yet or if you have added a new vCenter to your environment. The vCenter selection page allows you to select one or more vCenters to configure settings
3. Click **Next** to proceed to the Connection Profile description page.

## Creating A New Connection Profile using the Initial Configuration Wizard

A connection profile stores the iDRAC and host credentials that the virtual appliance uses to communicate with Dell servers. Each Dell server must be associated with a connection profile to be managed by the OpenManage Integration


for VMware vCenter. You may assign multiple servers to a single connection profile. Creating the Connection Profile is similar between the Configuration Wizard and from the **OpenManage Integration for VMware vCenter** → **Settings** option.


Prior to using the Active Directory credentials with a connection profile, the Active Directory user account must exist in Active Directory and this account must already be enabled in iDRAC. This wizard is not for creating Active Directory accounts or enabling Active Directory on iDRAC.


 **NOTE:** You are not allowed to create a connection profile if the number of hosts added exceeds the license limit for creating a Connection Profile

To create a new connection profile using the wizard:

1. From the **Connection Profile Description** page, click **Next** to proceed.
2. In the **Name and Credentials** page, enter the **Connection Profile Name** and an optional **Connection Profile Description**.
3. In the **Name and Credentials** page, under **iDRAC Credentials**, do one of the following:



 **NOTE:** The iDRAC account requires administrative privileges for updating firmware, applying hardware profiles, and deploying hypervisor.

- For iDRACs already configured and enabled for Active Directory on which you want to use Active Directory, select the **Use Active Directory** check box; otherwise skip down to configure the iDRAC credentials.
  - In the **Active Directory User Name** text box, type the user name. Type the username in one of these formats: domain\username or username@domain. The user name is limited to 256 characters. Refer to Microsoft Active Directory documentation for user name restrictions.
  - In the **Active Directory Password** text box, type the password. The password is limited to 127 characters.
  - In the **Verify Password** text box, type the password again.
  - Perform one of the following actions:
    - \* To download and store the iDRAC certificate and validate it during all future connections, select the **Enable Certificate Check** check box.
    - \* To not store and perform the iDRAC certificate check during all future connections, clear the **Enable Certificate Check**.
- To configure iDRAC credentials without Active Directory, do the following:
  - In the **User Name** text box, type the user name. The user name is limited to 16 characters. Refer to the iDRAC documentation for information about user name restrictions for your version of iDRAC.
    -  **NOTE:** The local iDRAC account requires administrative privileges for updating firmware, applying hardware profiles, and deploying hypervisor.
  - In the **Password** text box type the password. The password is limited to 20 characters.
  - In the **Verify Password** text box, type the password again.
  - Perform one of the following actions:
    - \* To download and store the iDRAC certificate and validate it during all future connections, select **Enable Certificate Check** check box.
    - \* To not store and perform the iDRAC certificate check during all future connections, clear **Enable Certificate Check** check box.

4. In the Host Root area, do one of the following:
  - For hosts already configured and enabled for Active Directory on which you want to use Active Directory, select the **Use Active Directory** check box; otherwise skip down to configure your Host Credentials.
    - In the **Active Directory User Name** text box, type the user name. Type the username in one of these formats: domain\username or username@domain. The user name is limited to 256 characters. Refer to Microsoft Active Directory documentation for user name restrictions.
    - In the **Active Directory Password** text box, type the password. The password is limited to 127 characters.
    - In the **Verify Password** text box, type the password again.
    - Perform one of the following actions:
      - \* To download and store the Host certificate and validate it during all future connections, select the **Enable Certificate Check** check box .
      - \* To not store and perform the Host certificate check during all future connections, clear the **Enable Certificate Check** check box.
  - To configure Host Credentials without Active Directory, do the following:
    - In the **User Name** text box, the user name is root. This is the default username and you cannot change the username. However, if the Activate directory is set, you can choose any Active directory user not just root.
    - In the **Password** text box type the password. The password is limited to 127 characters.
      -  **NOTE:** The OMSA credentials are the same credentials used for ESX and ESXi hosts.
    - In the **Verify Password** text box, type the password again.
    - Perform one of the following actions:
      - \* To download and store the Host certificate and validate it during all future connections, select the **Enable Certificate Check** check box.
      - \* To not store and perform the Host certificate check during all future connections, clear the **Enable Certificate Check** check box
5. Click **Next**.
6. In the **Associated Hosts** page, select the hosts for the connection profile and click **OK**.
7. To test the connection profile, select one or more hosts and select the **Test Connection** button. This step is optional. This is used to check whether the Host and iDRAC credentials are correct or not.
8. To complete the profile, click **Next**. For servers that do not have either an iDRAC Express or Enterprise card, the iDRAC test connection result states Not Applicable for this system.

## 计划资源清册作业 [向导]

通过配置向导以及通过“管理”部分下 OpenManage Integration 的设置选项进行资源清册计划配置的过程类似。

-  **注:** 为确保 OpenManage Integration for VMware vCenter 继续显示更新的信息, 建议您计划一个周期性资源清册作业。资源清册作业消耗最少的资源, 且不会降低主机性能。
-  **注:** 当所有主机的资源清册运行时, 会自动查找机箱。如果机箱被添加到机箱配置文件中, 则机箱资源清册会自动运行。在具有多个 vCenter 的 SSO 环境中, 当在计划时间运行任意 vCenter 的资源清册时, 会自动对所有 vCenter 运行机箱资源清册。

要计划资源清册作业：

1. 在 **配置向导的资源清册计划**窗口中，执行以下操作之一：
  - 默认情况下，选中**启用资源清册数据检索**复选框以计划资源清册。
2. 在**资源清册数据检索计划**中，执行以下操作：
  - a. 选择要运行资源清册的周的每天旁的复选框。默认情况下，选中**所有天数**。
  - b. 在文本框中，以 HH:MM（小时：分钟）格式输入时间。  
您输入的时间是当地时间。因此，如果您想要在虚拟设备的时区运行资源清册，请计算当地时间与虚拟设备时区之间的时差，然后输入适当的时间。
3. 要应用更改并继续操作，请单击**下一步**以继续保修计划设置。

## 运行保修检索作业 [向导]


通过向导以及通过 OpenManage Integration for VMware vCenter 的“设置”选项进行保修检索作业配置的过程类似。此外，可在“作业队列”中立即运行“保修检索作业”。计划的作业会在作业队列中列出。当所有主机的保修运行时，会自动查找到机箱。如果机箱被添加到机箱配置文件中，则机箱保修会自动运行。在具有多个 vCenter 的 SSO 环境中，当运行任意 vCenter 的保修时，会自动对所有 vCenter 运行机箱保修。

要运行保修检索作业：



1. 在**配置向导的保修计划**窗口中，执行以下操作之一：
  - 选中**启用保修数据检索**复选框以计划保修。
2. 在**保修数据检索计划**中，执行以下操作：
  - a. 选中一周中要运行保修的日期旁边的复选框。
  - b. 在文本框中，以 HH:MM（小时：分钟）格式输入时间。  
您输入的时间是当地时间。因此，如果您想要在虚拟设备的时区运行资源清册，请计算当地时间与虚拟设备时区之间的时差，然后输入适当的时间。
3. 要应用更改并继续操作，请单击**下一步**以继续保修计划设置。

## 配置事件和警报 [向导]

使用配置向导，或从 Dell OpenManage Integration for VMware vCenter 的事件和警报设置选项中配置事件和警报。

 **注：**在版本早于 Dell PowerEdge 第 12 代服务器的主机上，该功能需要在 OMSA 中的在陷阱目标列表中配置虚拟设备 IP 地址，以在 vCenter 中显示主机事件。

要配置事件和警报：

1. 在**初始配置向导中的事件发布级别**下，选择以下选项之一：
  - 不要发布任何事件 - 阻止硬件事件。
  - 发布所有事件 - 发布所有硬件事件。
  - 仅发布严重和警告事件 - 仅发布严重和警告级别的硬件事件。
  - 仅发布虚拟化相关的严重和警告事件 - 仅发布虚拟化相关的严重和警告事件；这是默认的事件发布级别。
2. 要启用所有硬件警报和事件，可选中**对 Dell 主机启用警报**复选框。  
 **注：**启用警报的 Dell 主机通过进入维护模式来响应严重事件。
3. 显示**启用 Dell 警报警告**对话框，单击**继续**接受更改，或单击**取消**。DRS 未启用时，应为显示的群集单击**继续**。  
 **注：**仅当选择了**对 Dell 主机启用警报**时才会看到该步骤。

4. 要继续操作向导，单击**应用**。