



Avaya Identity Engines Ignition Server Getting Started

Avaya Identity Engines Ignition Server
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Avaya Identity Engines Ignition Server Getting Started

Use this guide to perform these Avaya Identity Engines Ignition Server appliance installation and configuration tasks. Perform your set-up in the following phases:

1. [Install and configure the Ignition Server Virtualization Appliance](#), below, page 5
 2. [Applying the license](#) page 13
 3. [Installing the license](#) page 13
 4. [Run Dashboard](#) page 15
- [Set up Service Port \(Optional\)](#), page 16 and [Set Admin Password and Set User, Site, and Node Names](#), page 17
 - [Further Configuration](#) page 17

VMware ESX Server

Hardware platforms supported by VMware's ESX and ESXi servers are supported. The VM requires an x86_64 capable environment, a minimum of 1024 GB of memory, 30 GB of disk storage, 2 CPU's, at least 1 physical NIC card ,and 3 Logical NIC cards. VMware lists on its site supported Hardware platforms for ESX and ESXi. (<http://www.vmware.com>)

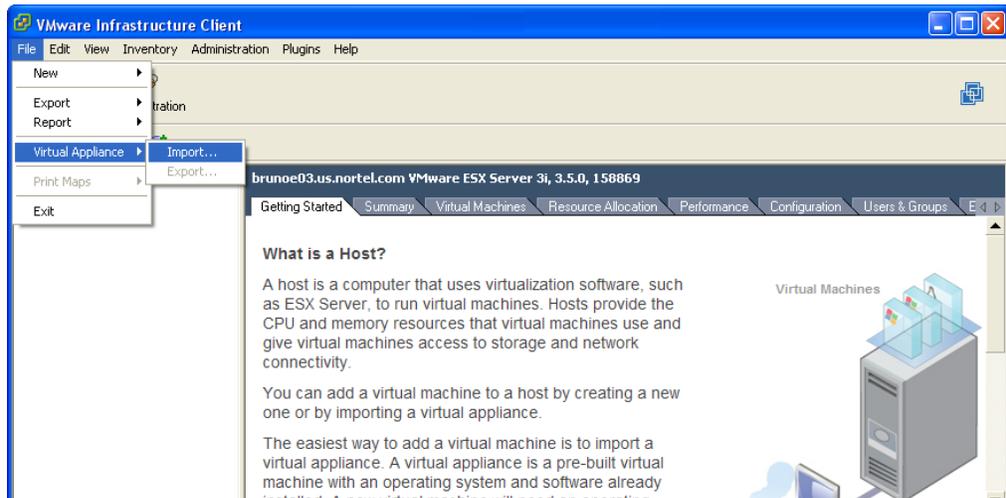
Installation on to an ESX or ESXi server is normally done using an OVF file.

Install and configure the Ignition Server Virtualization Appliance

In order to import the VM into your system it is recommended that you use the VMware Infrastructure Client. You should start the VMware Infrastructure Client, login to the ESX Server you wish to install the Avaya Ignition Server on. You will need to use the Virtual Appliance Import option.

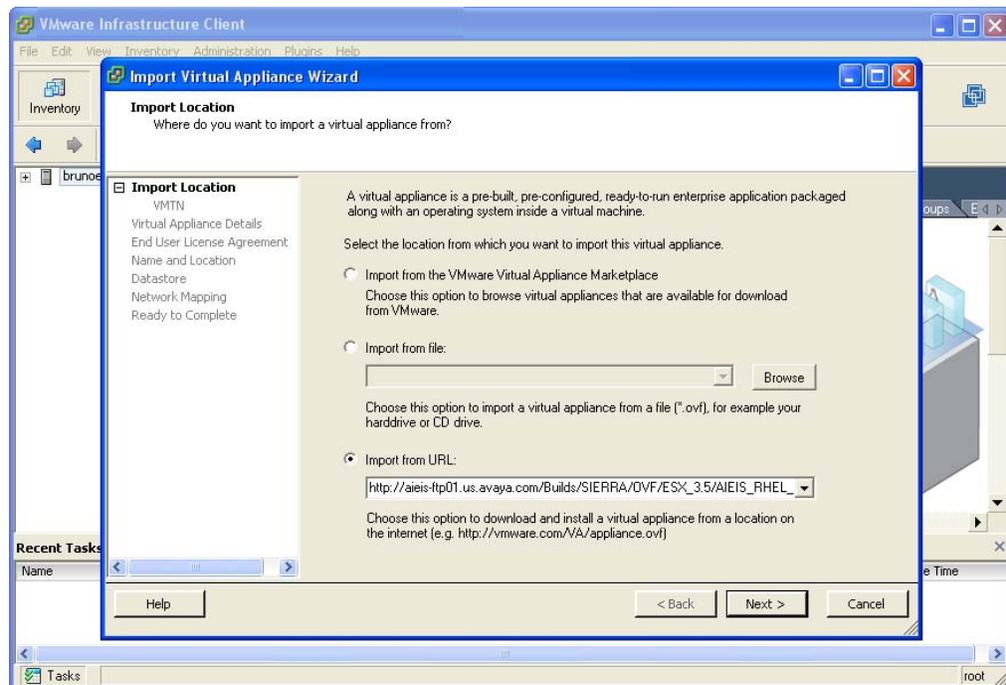
1. In order to access this function select **File->Virtual Appliance->Import**

Figure 1 Import



2. The Import Location dialog appears. Select from the location you will import.

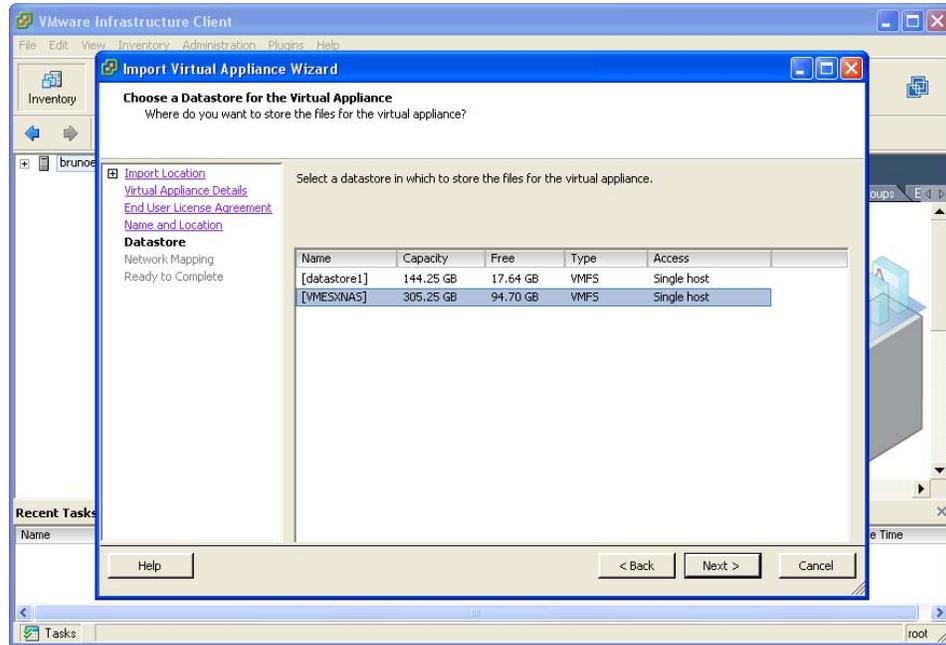
Figure 2 Import Location



3. Click on **Next**. The **License Agreements** dialog appears. Select **Accept All License Agreements**.
4. Click on **Next**. The **Virtual Appliance Details** dialog appears.

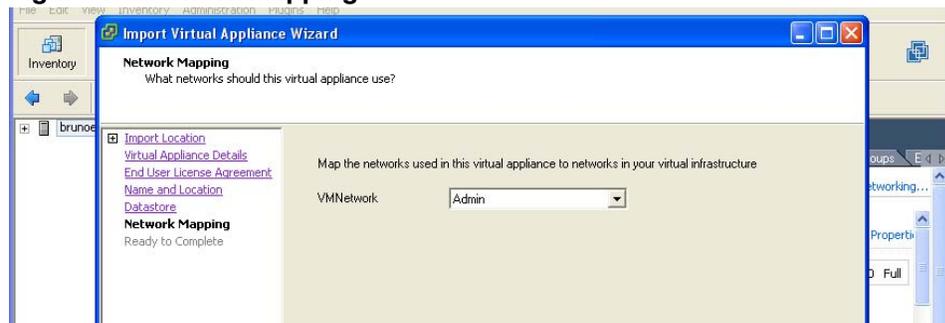
5. The **Select a Name and Location for this Virtual Appliance** dialog displays. You can either accept the default name or choose to rename the virtual machine. Select **Next**.
6. The **Choose a Datastore** dialog appears. Select the location to which you want to store the files for the virtual appliance. Click **Next**.

Figure 3 Datastore



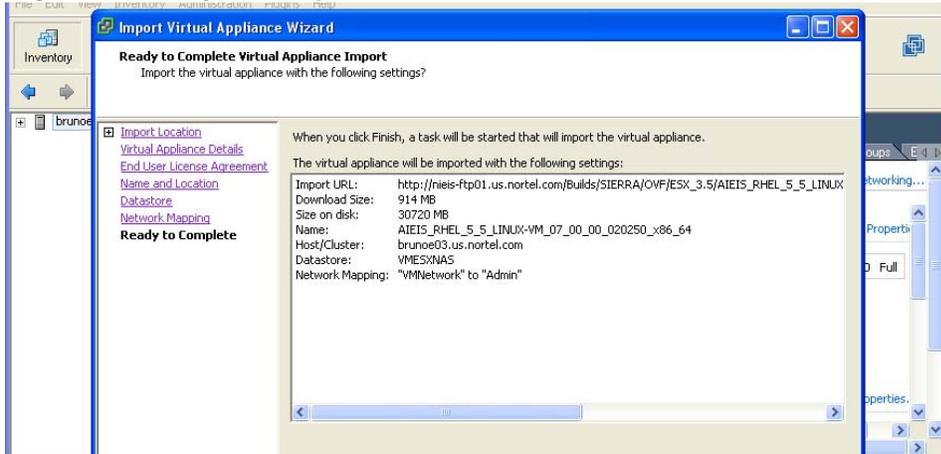
7. The **Network Mapping** dialog displays. Associate the Avaya Ignition Server NIC's to correct VM Network based on your site configuration. Then click on **Next**.

Figure 4 Network Mapping



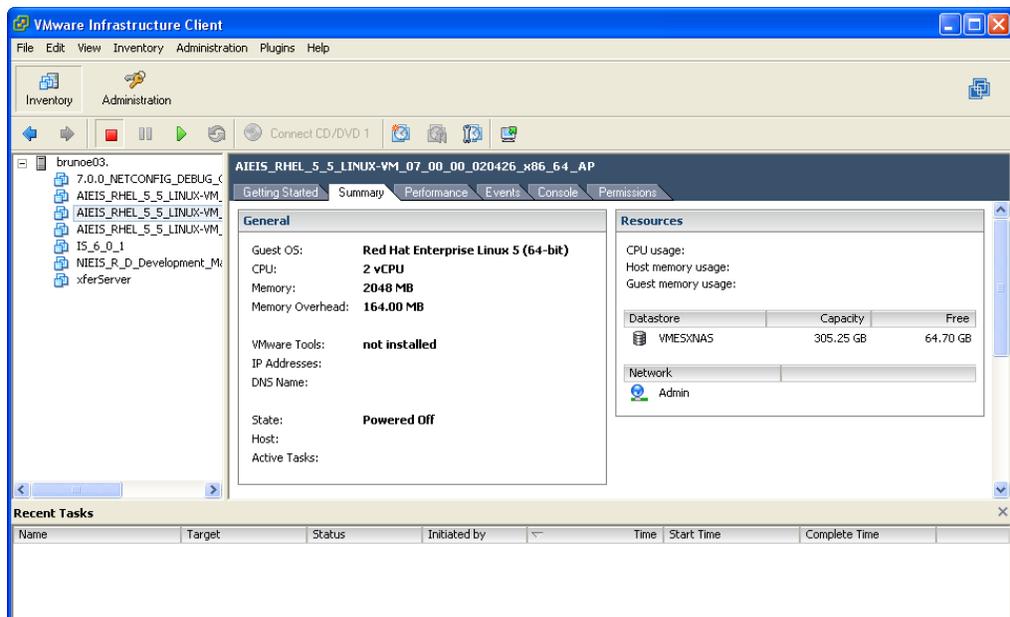
8. The **Ready to Complete Virtual Appliance Import** Dialog displays. You can use the Back button to make any changes or click on Finish.

Figure 5 Ready to Complete



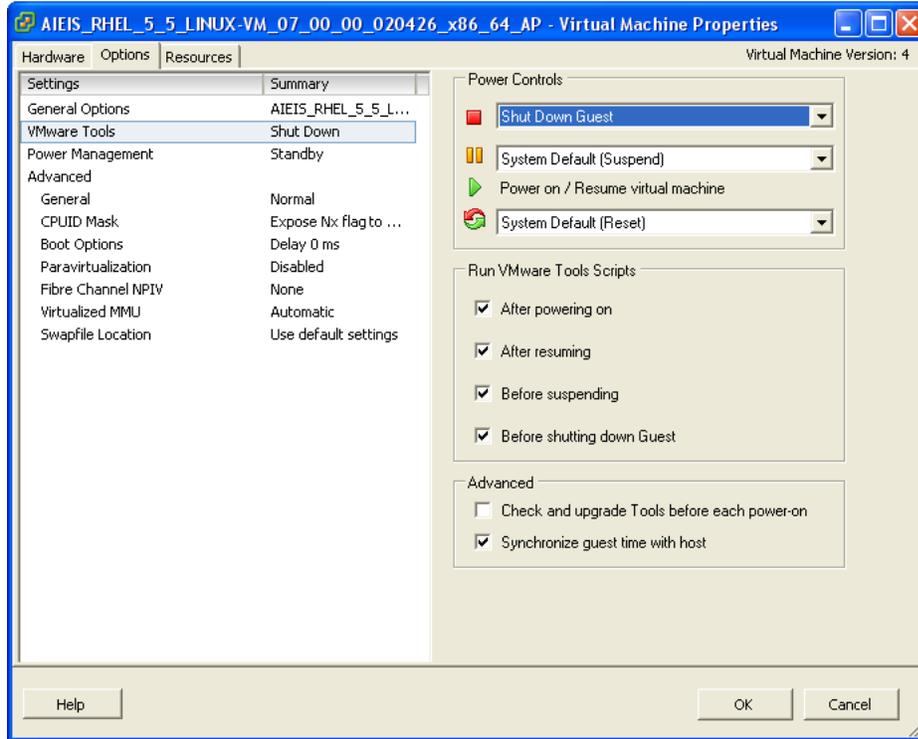
The Import now starts. Once the import completes you should see a **Summary** window display.

Figure 6 Summary



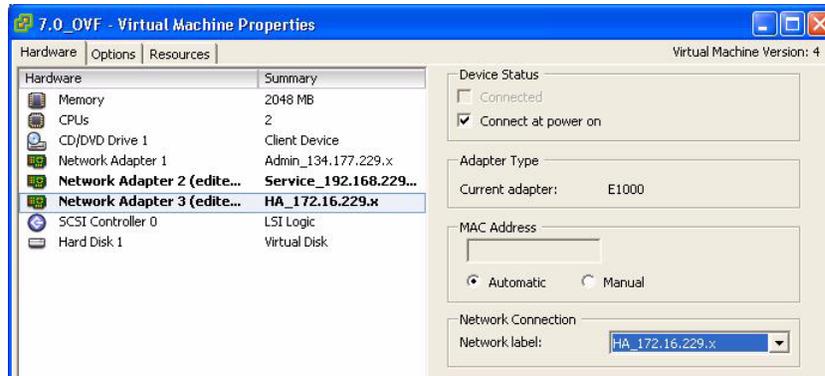
9. After the import completes you need to verify and adjust some of the VM settings. Open up VM setting dialog and select the Options tab. Do the following:
 - a. Ensure to click the **Synchronize guest time with host** option.
 - b. Change the System Default Power Off from **Power off** to **Shutdown Guest**. Click **OK**.

Figure 7 Options



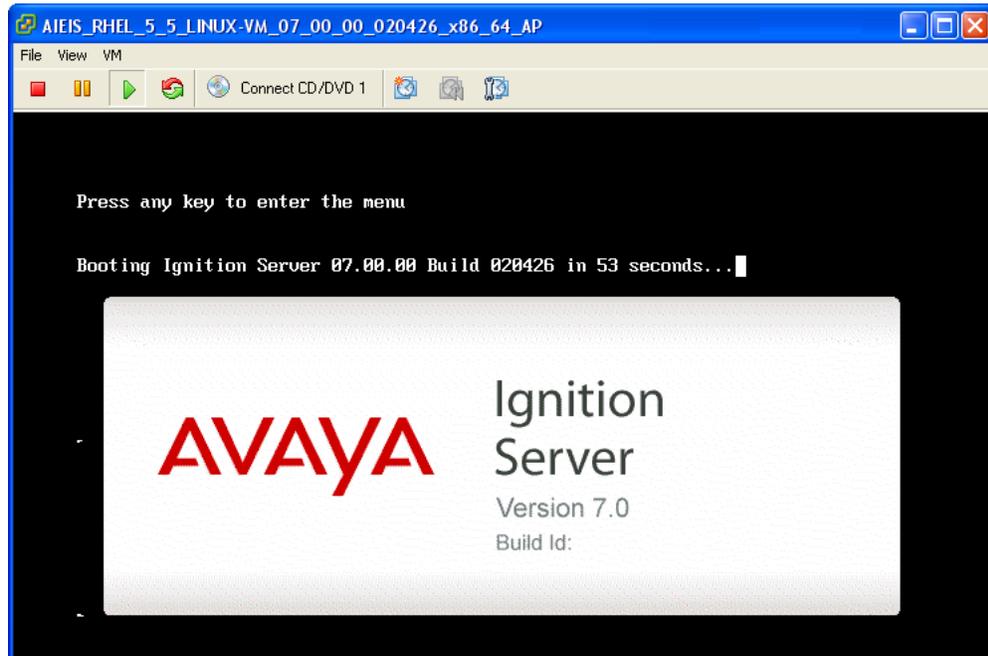
- c. Open the VM setting dialog and select the Hardware tab. Adjust the **Network Adapter (1/2/3)** settings and configure the right NIC for each interface.

Figure 8 Network Adapter



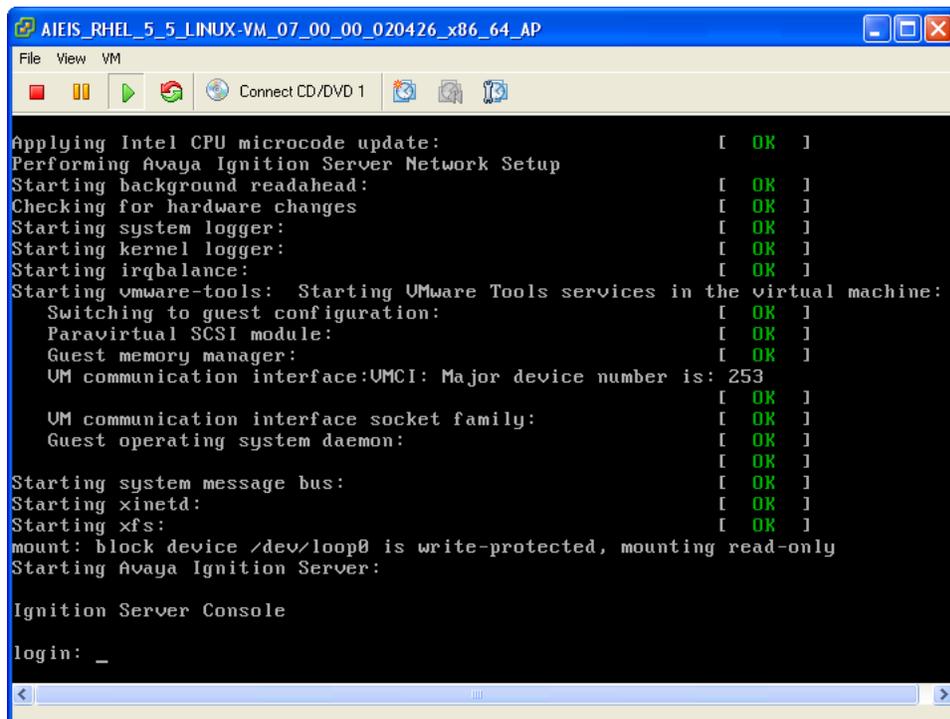
You are now ready to boot the Avaya Ignition Server for the first time. You will see a splash screen displayed as the boot starts.

Figure 9 Boot up



10. Once the Ignition Server Console login prompt is shown you are ready to enter the administration IP address. Login using admin for the user name and admin for password, you should change the password after you login.

Figure 10 Console



11. Use the interface commands as shown in the next screen to configure the admin interface.

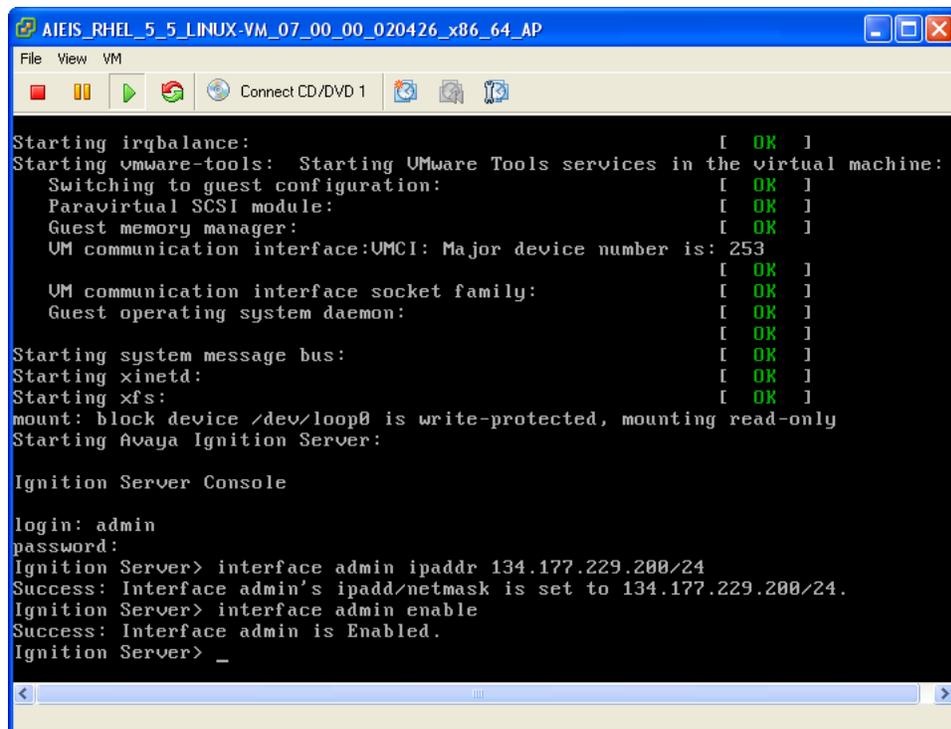
- Only Static IP configuration is supported.
- Configure your admin interface with an IP address.

Cli command example: "interface admin ipaddr x.y.z.x/netmask"

- If needed, configure your default route.

Cli command example: "route add 0.0.0.0/0 <gw-ip> "

Figure 11 Admin interface commands



```
AIEIS_RHEL_5_5_LINUX-VM_07_00_00_020426_x86_64_AP
File View VM
Starting irqbalance: [ OK ]
Starting vmware-tools: Starting VMware Tools services in the virtual machine:
Switching to guest configuration: [ OK ]
Paravirtual SCSI module: [ OK ]
Guest memory manager: [ OK ]
VM communication interface:UMCI: Major device number is: 253
VM communication interface socket family: [ OK ]
Guest operating system daemon: [ OK ]
Starting system message bus: [ OK ]
Starting xinetd: [ OK ]
Starting xfs: [ OK ]
mount: block device /dev/loop0 is write-protected, mounting read-only
Starting Avaya Ignition Server:
Ignition Server Console
login: admin
password:
Ignition Server> interface admin ipaddr 134.177.229.200/24
Success: Interface admin's ipaddr/netmask is set to 134.177.229.200/24.
Ignition Server> interface admin enable
Success: Interface admin is Enabled.
Ignition Server> _
```

12. Install the Dashboard on to your Desktop machine, see [“Install the Ignition Dashboard Desktop Application”](#) on page 14.

13. Once installation is complete click on the desktop icon to start the application. A **Login** dialog displays.

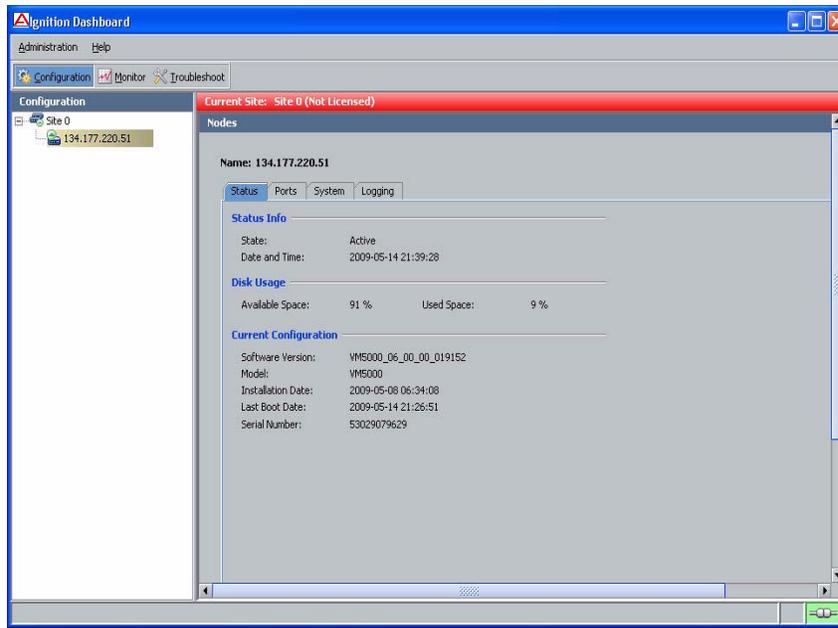
14. Enter in the same IP address that you used for the admin interface. The default password is admin if you have not already changed it on the Ignition Server. If you have not configured the admin certificate or the base license you will see the following message.

Figure 12 Default Certificate



If you click **OK** to both dialogs you see a display similar in the following window.

Figure 13 Ignition Dashboard



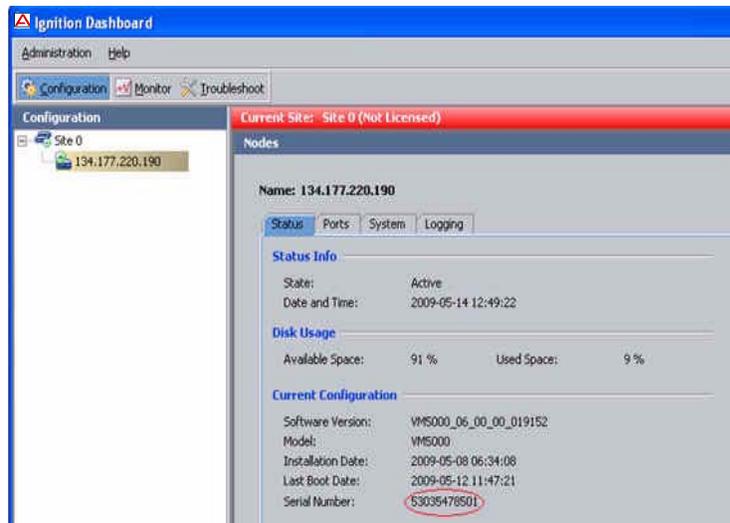
In order to obtain your license you will need to perform the following steps in the License Management in VVware which follows. Once you have obtained your license you can proceed with the final configuration of the Avaya Ignition Server in your environment.

Applying the license

The Avaya Identity Engines Ignition Server (AIEIS) Software ships without any licenses. There are five different software licenses that can be installed on Ignition Server: Base License, Guest Manager License, NAP Posture, License, TACACS+ License, and Ignition Reports License. At a minimum, you must obtain the Base License to be able to configure and run the server.

1. Avaya provides a telephone number for you to use to report problems or to ask questions about your product. The support telephone number is 1-800-242-2121 in the United States. For additional support telephone numbers, see the Avaya Web site: <http://www.avaya.com/>.
2. Once this is purchased, Customer Support sends a software CD and certificate that contains a unique product code and an e-mail address. Send this unique product code and the Node Serial Number to the e-mail address provided. The Node Serial Number can be obtained from Dashboard from the Status tab of Node Configuration as shown in the figure below:

Figure 14 Apply license



3. After the unique product code and Node Serial Number is verified, a software license file is sent back to you. Install this license on the server using Dashboard.

Installing the license

You can install the license on the Ignition Server using Dashboard. To install the license, perform the following steps:

1. Select the Configuration tab.
2. Select the Site.
3. Select the Licenses tab.

To install:

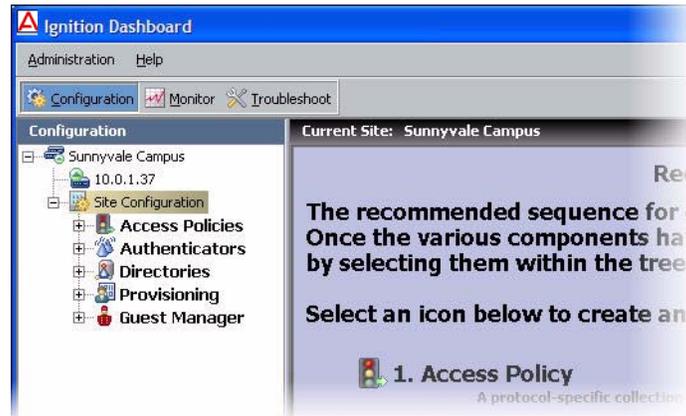
1. If any version of Dashboard is already installed on the computer, make sure the Dashboard application is not currently running. If Dashboard is running, shut it down now.
2. Place the Ignition Server CD into the CD drive of your computer, and:
 - * On Windows, the Windows AutoRun feature will run the Installer immediately. (If the AutoRun feature is disabled on your computer, navigate to your CD drive and double-click the installer file. It has a name like `IgnitionDashboard_n.n.n_Installer.exe`.)
3. In the first screen, select your preferred language and click **OK**.
4. In the Introduction screen click **Next**.
5. In the License Agreement screen, click to accept the license and click **Next**.
6. If a Found Older Versions screen appears, you may tick the check box to uninstall the older version, or leave it unticked to retain the older version on your computer. Click **Next**.
7. In the Choose Install Folder screen, choose your destination folder and click **Next**.
8. In the Choose Shortcut Folder / Choose Alias Folder screen, indicate where you would like the Dashboard shortcut to appear, and click **Next**.
9. In the Pre-Installation Summary window, review your installation settings. If you wish to make changes, click the **Previous** button to edit the details of the locations of the installation. When you are satisfied with the setup you have chosen, click **Install**. The installation will start.
10. In the Install Complete screen, click **Done**. An icon for Ignition Dashboard will appear in the location you designated.

Run Dashboard

If your Ignition Server appliance is connected only via its Admin Port, skip this section and turn to [“Further Configuration”](#) on page 17. If your installation will use Service Port A, follow these steps:

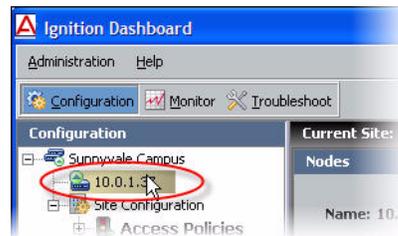
1. On your administration computer, start Ignition Dashboard by double-clicking its icon on the desktop.
2. In the login screen, type the default **User Name**: `admin`. Type the default **Password**: `admin`.
3. In the **Connect To**: field, type the fully-qualified domain name or the IP address you assigned to the Ignition Server appliance Admin Port.

4. Click **OK**. A warning dialog appears reminding you to replace the default certificate shipped with the Ignition Server appliance. Ignore the warning. (For instructions on replacing the certificate, see the *Avaya Identity Engines Ignition Server Administrator Guide*.) After you dismiss the warning dialog, Ignition Dashboard appears:

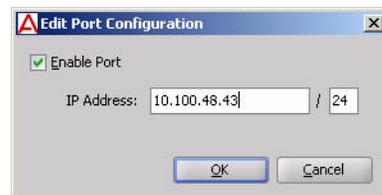


Set up Service Port (Optional)

1. In Dashboard's navigation tree, click on the IP address or name of your Ignition Server appliance (node).



2. In the Nodes panel, click the **Ports** tab and click the **Service Port** row.
3. Click the **Edit** button.
4. In the Edit Port Configuration window, do the following:



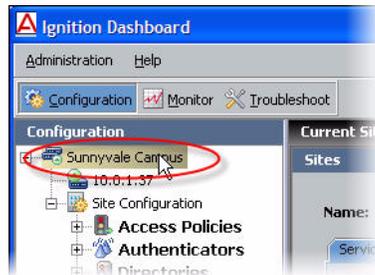
- × Click **Enable Port**.
- × Set the port address in the **IP Address** field, and set the subnet mask in the field to the right. Use the port settings you wrote down in [Step 11](#) on page 11. You must enter the subnet using network prefix notation

(an integer between 0 and 32 representing the number of bits in the address that will be used in the comparison).

5. Click **OK**.

Set Admin Password and Set User, Site, and Node Names

1. In the main navigation tree of Dashboard, click on the site (called "Site 0" by default, this is typically the top item in the tree).



2. Select the command, **Actions: Change User Name** to change the administrator login name.
3. Select the command, **Actions: Change Password** to change the administrator password.
4. Select the command, **Actions: Rename Site** to rename the site. A site is typically a pair of Ignition Servers, but it may consist of just one server.
5. To rename your node (your Ignition Server appliance) do this: In Dashboard's main navigation tree, right-click on the IP address or name of your Ignition Server appliance and choose the command **Rename Node**.

Your basic set-up is complete. See "[Further Configuration](#)" below for your next steps.

Further Configuration

To prepare the Ignition Server appliance for testing or production use, your next step is to connect it to your switches, wireless access points, and user data stores, as explained in the *Avaya Identity Engines Ignition Server Configuration Guide*. For more detailed information on Ignition features, consult the *Avaya Identity Engines Ignition Server Administrator Guide*.

