

# Auto Discovery for VMware vCenter Inventories

A VMware vCenter server acts as a central control point for a VMware vSphere datacenter. It includes ESX hosts, VMs, as well as groupings such as clusters, datacenters, vApps, and resource pools. A VMware vCenter server's inventory, system configurations, storage profiles, and performance data can be represented in up.time alongside physical systems and network devices. When a VMware vCenter is added, all of its resources are detected and can be automatically imported.

## Using Auto Discovery

To use Auto Discovery to add a VMware vCenter server, do the following:

1. In the **My Infrastructure** panel, click **Auto Discovery**.  
The **Auto Discovery** window appears.
2. Select **Discover VMware Inventory using vCenter**, then click **Next**.
3. Enter a descriptive **Display name** for the VMware vCenter server.
4. Optionally enter a **Description** of the system.
5. In the **Host Name** field, provide the server's hostname or IP address.
6. Accept or modify the default port through which up.time will connect to the server.
7. In the **Username** and **Password** fields, provide the login information for the VMware vCenter administrator.
8. Configure **Notification Settings**.  
When a vSync operation is performed to check for changes to the VMware vCenter inventory, these check boxes indicate whether up.time will send notifications about, or perform scripted actions in response to, newly discovered ESX servers or VMs. (For more information, see [Managing vSync](#).)
9. Configure **Additional VM Guest Performance Data Collection** settings.  
These options enable additional monitoring for VMware vCenter VMs using the up.time agent or WMI. (See [Standalone Monitoring for vCenter VMs](#) for more information.)
  - For the up.time agent, indicate the port on which it is listening, and whether it is securely communicating with up.time using SSL.
  - For data collection via WMI, indicate the host and domain on which WMI has been implemented, and the username and password required for access.

In both cases, you can also use a global configuration if they have been configured. See [Configuring Global Data Collection Methods](#) for more information.



The WMI-related options only exist if the Monitoring Station is running on a Windows system.

10. Click **Save**.  
The VMware vCenter inventory will be added to up.time in its own **My Infrastructure** group.