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VMware Update Manager network port requirements

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Details

Update Manager is installed as part of the installation process for VirtualCenter. If you have an established VMware Infrastructure environment, you can use the same installer to add Update Manager functionality.

You can install Update Manager on the same computer as VirtualCenter or on a different computer.

Before you install Update Manager, gather the networking information (including the IP address and port number) about VirtualCenter that Update Manager will work with. In most cases, the Web service port is used. The default for the Web service port is 443.

After the installation:

- The Update Manager Web server listens on 9084 TCP if the default is not changed during the installation.
- The Update Manager SOAP server listens on 8084 TCP if the default is not changed during the installation.

Both are accessed through a reverse proxy that listens on the standard ports 80 and 443, but there is a slight difference depending on the installation:

- When Update Manager and VirtualCenter are installed on the same machine:
 - All incoming connections to Update Manager are accessed through a reverse proxy provided by VirtualCenter.
 - ESX hosts connect to port 80, and VirtualCenter forwards the request to the Update Manager Web server listening on 9084 for host patch downloads.
 - VirtualCenter directly connects to Update Manager on 8084 because they are on the same machine.
- When Update Manager and VirtualCenter are installed on two different machines:
 - Update Manager has a reverse proxy listening on ports 80 and 443 if the default is not changed during the installation.
 - VirtualCenter connects to Update Manager through port 443. The reverse proxy forwards the request to 8084.
 - ESX host connects to Update Manager through port 80. The reverse proxy forwards the request to 9084.

To obtain metadata, Update Manager must be able to connect to <http://www.vmware.com/> and www.shavlik.com, and requires outbound ports 80 and 443.

For binary data, the outbound ports are 80 and 443.

For ESX host scanning and remediation, Update Manager requires that port 80 be open on the ESX host.

If the default ports 80 and 443 are already in use by another application, the alternate port numbers used by Update Manager should be within the range 9000-9100. Update Manager automatically opens these ports for ESX host scanning and remediation.

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Update Manager

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