

Managing Common Agent

Prerequisites:

1. IBM Flex System Manager is installed and you are logged in to the management software.
2. Common Agent has been successfully installed.
3. Ensure that the clocks on the nodes that contain the IBM Flex System Manager software and the Common Agent remain synchronized.
4. Ensure that the network communication between the IBM Flex System Manager node and the node on which Common Agent is installed is normal.

Discovery and request access

System discovery enables you to discover resources and automatically request access to or collect inventory for the resources you discover. You can discover resources one of the following ways:

- Based on a single IPv4 or IPv6 address
- Based on a single host name
- Based on one or more ranges of IPv4 or IPv6 addresses
- Based on a discovery profile

Usually, you will discover Common Agent managed nodes by specifying the IP address or host name of the target. Follow these steps to discover a Common Agent managed node and request access to it.

Steps of system discovery and request access:

1. Select the Plug-ins tab on the Home page. Click System Discovery under Discovery manager.
2. On the System Discovery page, complete the fields as follows:
 1. Select a discovery option – to discover a single node managed by Common Agent, select Single IPv4 address or Single host name.
 2. Input Ipv4 address or name of the node you want to discover and click Discover Now. The result of the system discovery is displayed.

3. Under Discovered Manageable Systems, right-click the operating system-based node discovered in the previous steps and click Request Access.
4. Type the user ID and password of the Common Agent and click Request Access. The IBM Flex System Manager software requests access to the Common Agent target. If access is granted, the access state will change from No access to OK. After you request access, the physical node related to this operating system-based node is displayed in Discovered Manageable Systems.

Unmanaging and remanaging Common Agent

A Common Agent target can only be managed by one agent manager. If the agent manager or the IBM Flex System Manager need to be changed, the Common Agent endpoint should be unmanaged first.

To unmanage Common Agent, follow these steps:

1. Delete the operating system-based node and the physical node of the Common Agent node that you want to unmanage.
 - a. On the Plug-ins tab of the Home page, under Discovery Manager, click Resource Explorer.
 - b. On the Resource Explorer page, click All Systems.
 - c. Right-click the node that you want to delete and click Remove.
2. To force the node to be unmanaged, log in to the node that is managed by Common Agent and use these commands:

- a. For Windows systems change the path to Common Agent installation path, then run the following command:

```
<installdir>\director\agent\runtime\agent\toolkit\bin\configure.bat -unmanaged -force
```

- b. For AIX or Linux systems, change the path to the Common Agent installation path and run the following command:

```
<installdir>/director/agent/runtime/agent/toolkit/bin/configure.sh -unmanaged -force
```

The Common Agent is now unmanaged. To manage this compute node with another IBM Flex System Manager management node, you must first discover and request access to the compute node.