

How to manage Discovery Center options

You can specify those computers where you want IDERA SQL Inventory Manager to discover SQL Server instances. The **Discovery Center Options** allow you to specify not only those computers where you want the discovery to be performed but you can also choose which methods you want to use to search in each computer.

To configure these options, go to **Discovery Center Options** on the **Administration** tab.

Setting Computer Scan discovery options

IDERA SQL Inventory Manager uses the Computer scan to obtain a list of machines based on IP ranges or domains. You can set your preferred schedule for a Computer scan daily or weekly. If you choose a Daily schedule, then set the specific time for the discovery job. If you set a Weekly schedule, specify the days of the week and the time when the scan will be performed.

The screenshot shows the IDERA SQL Inventory Manager interface. The top navigation bar includes 'OVERVIEW', 'EXPLORER', 'INSTANCES', and 'ADMINISTRATION'. The 'ADMINISTRATION' tab is active, and the 'Discovery Center Options' page is displayed. On the left, a 'Tips' sidebar provides guidance on specifying computers, alternate credentials, and search methods. The main content area is titled 'Discovery Center Options' and features two tabs: 'Computer Scan' (selected) and 'Browser and ODBC Scan'. Under the 'Computer Scan' tab, there is a 'Run' dropdown set to 'Off'. Below this are two tables for configuring scans. The 'IP Range' table has columns for 'IP Range' and 'User', with 'Add', 'Edit', and 'Remove' buttons above it. The 'Domain' table has columns for 'Domain', 'User', 'Discovery Sca...', and 'Excluded', also with 'Add', 'Edit', and 'Remove' buttons. Below the tables are sections for 'Check computers using the following scans' (with checkboxes for SQL Server Resolution Service, Service Control Manager, WMI, and Windows Registry) and 'Configure BI Services' (with a checkbox for 'Include Discovery of BI Services in Scans'). At the bottom, there is a section for 'All scan types' with 'Scan configuration for all scan types' and 'Discovered instances display options'. The 'Save' button is at the bottom right.

Discovery Center Options

Computer Scan | **Browser and ODBC Scan**

Computer Scan Run: Off

IP Range | Add | Edit | Remove

Domain | Add | Edit | Remove

Check computers using the following scans:

- ☒ SQL Server Resolution Service
- ☒ Service Control Manager
- ☒ WMI
- ☐ Windows Registry

Configure BI Services:

- ☒ Include Discovery of BI Services in Scans

All scan types

Scan configuration for all scan types

Specify alternate credentials to attempt during the scan: [Manage Discovery Credentials](#)

Discovered instances display options:

- ☐ Only show instances discovered by at least two methods.
- ☐ Only show instances whose SQL Server version can be validated.

Cancel | Save

Add IP address ranges for discovery

Use this section to specify those IP address ranges where IDERA SQL Inventory Manager will run scheduled discovery jobs. Users with large environments may choose to exclude certain domains for ad hoc or scheduled scans. These domains are excluded from all scans, whether computer, browser, ODBC, or BI Services.

On this section you can:

- Click **Add** and enter the IP address ranges that you want IDERA SQL Inventory Manager to take into account for discovery jobs. You need to specify the type of account that IDERA SQL Inventory Manager will use to gather host computer information. Select **Enable** on those IP address ranges where IDERA SQL Inventory Manager will run the scheduled jobs.
- Click **Edit** to change the IP address ranges you entered before to edit their credentials, the IP range information, or enable/disable them for scheduled jobs.
- Click **Remove** to delete any available IP address ranges.
- Additionally, you can select those IP addresses where you want to run an immediate scan. After selecting your IP addresses, click **Run scan Now**.

Add Domains for discovery

The Discovery Center Options allows you to add domains for discovering SQL Server instances. Go to the Domain section, click **Add**, and specify DNS Name, the domain name with the account that will be used to connect to this domain (User and Password). Select **Enable this rule/scan as part of the scheduled computer scan** if you want IDERA SQL Inventory Manager to use the domain for running scheduled jobs.

You can **Edit/Remove** the domains you entered before. You can also select those domains that you want to scan immediately by clicking **Run scan now**.

Specify alternate credentials to use during the scan

IDERA SQL Inventory Manager allows you to specify multiple sets of credentials to attempt to use during instance discovery. Click **Manage Discovery Credentials** to add one or more user accounts to attempt to connect to an instance. List the credentials in the order in which you want IDERA SQL Inventory Manager to use.

Specify scan methods and display options

Choose the methods you want to use when scanning each computer for SQL Server instances. IDERA SQL Inventory Manager allows you to choose from:

- SQL Server Resolution Service
- Service Control Manager
- WMI
- Windows Registry
- TCP Ports

You can select more than one scan method.

When you select TCP Probe, you have to specify the ports that IDERA SQL Inventory Manager will use to scan. Note that TCP ports are only used for SQL Server instances discovery and does not include BI Services discovery.

If you want to include BI Services in scans, check **Include Discovery of BI Services in Scans**. This checkbox is selected by default. For more information about BI Services, see [Viewing BI Services](#).

Choose the way you want IDERA SQL Inventory Manager to display the results. Options include:

- **Only show instances discovered by at least two methods**
- **Only show instances whose SQL Server version can be validated**



Take into account that when executing WMI scans on large IP ranges, a No buffer Available Space exception may occur. For more information about this, click [here](#).

Setting Browser and ODBC Scan discovery options

You can set your preferred schedule for Browser service and ODBC scans. IDERA SQL Inventory Manager uses the Browser service scan to run the general discovery of SQL Server instances.

You can set the schedule of your preference (Daily, Weekly) for any of the mentioned scans. If you choose a Daily schedule, then set the specific time for the discovery job. If you set a Weekly schedule, specify the days of the week and the time when the scan will be performed.

