

Discovering On-premises Instances

Setting Computer Scan discovery options

The **Private Network** tab in the **Discovery Center Options** section allows you to use 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**, set a 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.

Discovery Settings

Private Network

Cloud

Private Network Discovery Center Settings

Computer Scan | Browser and ODBC Scan

Schedule Computer Scan

Computer Scan Run **Off**

Specify computer to check for SQL Instances via one of the following methods: IP Ranges or Domain

IP Range

IP Range	User
<input type="checkbox"/> 10.220.201.1-10.220.201.253	

1 Total 4 per page

Run Scan

Domain

Domain	User	Discovery Scan Type	Excluded
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0 Total 4 per page

Run Scan

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](#)

☐ Enabled FQDN comparison for Discovered Instances

Discovered instances Options

☒ Log into SQL Instances

☐ Only show instances whose SQL Server version can be validated.

☐ Only show instances discovered by at least two methods.

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.

In 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

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**. To add a domain, click **Add** in the **Domain** section.

Add Domain/OU

Specify the Domain or Organizational Unit (OU) to include or exclude as a part of SQL Manager discovery scan to find SQL Servers.

[Get Help](#)

Domain

Fully Qualified Domain Name (optional)

Account Type

SQL Inventory Manager service account

Domain mode during Discovery

☐ Exclude

Discovery Scan Type

Check domain

☒ Enable this rule/scan as a part of the scheduled computer scan.

Cancel

Save

The **Discovery Center Options** allow 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.

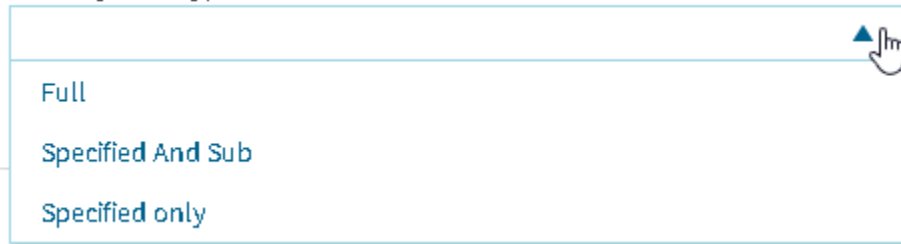
Exclude

If you exclude a parent domain, then all its children are also excluded from the scan.

If you exclude a domain that is a subdomain of an included domain, then all the excluded domain's children are excluded from the scan.

Discovery Scan type

Discovery Scan Type



Full

Specified And Sub

Specified only

There are three types of scan available:

Full

The scan runs through all domains, sub-domains, and other trusted domains.

Specified And Sub

The scan runs through the specified domain and its sub-domains.

Specified only

The scan only runs through the specified domain.

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.

Configure BI Services

When this option is enabled, SQL Inventory Manager discovers both instances and BI services. However, discovery of BI services is only possible when there's a specified IP range or domain and a scan type.

Enable FQDN

Enable this option to use FQDN as part of the discovery process.

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 must specify the ports that IDERA SQL Inventory Manager will use to scan. Note that TCP ports are only used for discovering SQL Server instances and do not include discovering BI Services.

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](#).

Discovered Instances Options

Choose whether to Log into instances or not and the way you want IDERA SQL Inventory Manager to display the results

- **Log into SQL Instances**
When this option is enabled, SQL Inventory Manager attempts to connect to discovered SQL Server Instances to gather information such as Version and Edition. Go to Manage Discovery Credentials to make sure valid credentials are present.
- **Only shows instances whose SQL Server version can be validated**
When this option is enabled, SQL Inventory Manager only displays Instances that can be validated.
- **Only show instances discovered by at least two methods**
When this option is enabled, SQL Inventory Manager only displays instances discovered using two different methods.

✔ 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.

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.

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