


## How to add SQL Server instances for monitoring

In order to manage an instance, access its details, and add it to your monitored environment, you need to register it with IDERA SQL Inventory Manager. This section helps you register one or more instances with IDERA SQL Inventory Manager.

You can find the **Add SQL Server Instance** option on the following views:

- **Home** tab - The **Add SQL Server Instance** option is located on the top right section of the instances table.
- **Instances** tab - The **Add** option is located on the action items bar of the Managed, Discovered, Ignored, and SQL Licensing sections respectively.
- **Administration** tab - The **Add SQL Server Instance** option is located in the instances section.

 Linux runs multiple SQL Server instances using Docker. When registering multiple instances hosted in Linux, you must specify the the port number of the secondary instances. You can register the primary instance with the host name only.

SQL authentication should be used for the connection to instances hosted in linux.


e.g. `linux-01:52030`

The Add Instance Wizard contains the following four sections:

### 1. Instance /Cloud database

1. In the **SQL Server Instance** box, specify the SQL Server instances running on private hosts or cloud services (Azure or Amazon) you want to register with SQL Inventory Manager for monitoring. Separate multiple entries with a semicolon.

When you select instances on the **Discovered** or **Ignored** Instances views, the wizard already adds them to this box.

 The addition of a cloud instance or database may incur in additional costs for data access on your Cloud Provider account. See more information [here](#)

You can use the **Browse** button to access a list of discovered instances that have not been registered yet with IDERA SQL Inventory Manager.

2. Check the box next to the instances you want to add, and click **Apply**.

3. Select the type of instance you want to add, either Private / On-Premise, Amazon, or Azure.

4. Click **Next** to go to the next section.

The screenshot shows the 'Add Instance Wizard' dialog box with the 'Instance' step selected. The wizard has four steps: 1. Instance (checked), 2. Credentials, 3. Information, and 4. Finish. The main area is titled 'Register Instances' and contains instructions: 'Specify the SQL Server instances you want to register with SQL Inventory Manager for monitoring. Separate multiple instances with a semicolon.' Below this, there is a section for 'SQL Server Instance' with a text box containing 'SIDROCID02;ARIVEROC-DH01;WIN-90GCKKJIPTJ\SERVER012;ASALVATIEH-DV01;' and a 'Browse' button. There is also a 'Cloud Instance' section with a checkbox labeled 'Cloud instance' and an information icon. At the bottom right, there are 'Back', 'Cancel', and 'Next' buttons.

**Add Instance Wizard**

**1 Instance** (checked)  
2 Credentials  
3 Information  
4 Finish

**Register Instances**

Specify the SQL Server instances you want to register with SQL Inventory Manager for monitoring. Separate multiple instances with a semicolon.

**SQL Server Instance** ⓘ

SIDROCID02;ARIVEROC-DH01;WIN-90GCKKJIPTJ\SERVER012;ASALVATIEH-DV01;

**Browse**

**Cloud Instance**

☐ Cloud instance ⓘ

**Back** **Cancel** **Next**

2. Credentials

**Add Instance Wizard**

✓ Instance  
✓ **Credentials**  
3 Information  
4 Finish

**SQL Connection Credentials**  
Specify the account to be used to connect to the SQL Server instance to collect availability, capacity and configuration data.

Account Type ⓘ  
SQL Inventory Manager service account ▼

**Connection Credentials**  
Connection Credentials are used to connect to host computer to gather configuration and performance data. For host computers running Windows OS, specify the WMI connection credentials as the connection credentials. For Linux systems, specify a user or domain user account that can connect to Linux server.

Account Type ⓘ  
SQL Inventory Manager service account ▼

**Test Credentials** ⓘ

Test credentials now

Back Next Cancel

IDERA SQL Inventory Manager connects to registered SQL Server instances and their hosts to collect information. The collection service requires permissions to connect and gather information using the following types of connections:

- SQL connection credentials to perform queries against registered instances.
- User connection credentials to gather data from the host computers.
- Active Directory account to gather information from Amazon or Azure.

✓ For more information on what are the minimum required permissions for these accounts, click [here](#).

By default, IDERA SQL Inventory Manager connects using the IDERA SQL Inventory Manager service account. However, if you need to provide alternative credentials for any of these two connections, you can choose from the respective options on each section.

### SQL Connection Credentials

- Specify the type of account that you want to use to access your SQL Server instance and collect its information. If you do not want to use the **SQL Inventory Manager service account**, you can choose to use a **User account** or a **SQL Server login account** from the **Account Type** list.

- If you select a **User account** or **SQL Server login account**, type the respective user name and password. IDERA SQL Inventory Manager uses this account for SQL queries to gather availability and configuration data.
- You can test the correctness of your credentials by clicking **Test Credentials**.

### Connection Credentials

#### For Private / On-Premise Instances

- On this section, you can choose to use the **SQL Inventory Manager service account** or a **User account** by selecting either of them from the **Account Type** list.
- If you choose to use a **User account**, type the respective user name and password. This account allows you to access configuration data of the computer that hosts the registered instance.

✓ IDERA recommends that you use the **Test Credentials** option to verify that IDERA SQL Inventory Manager can successfully monitor the newly registered instances.

#### For Amazon and Azure

- On this section, you can optionally specify an account for connecting to Azure or Amazon.

✓ IDERA recommends that you use the **Test Credentials** option to verify that IDERA SQL Inventory Manager can successfully monitor the newly registered instances.

### 3. Information

On this section you can specify additional information for your instances like **Owner**, **Location**, **Comments** and **Tags**.

Although none of these fields are required, Owner, Location, Comments and Tags provide a powerful method for grouping instances and help you organize your managed instances. You can use these options to view information such as database counts, size, or activity, grouped by these fields.

Use the **Owner** and **Location** drop down lists to access all available options.

**Add Instance Wizard**

1 Instance  
2 Credentials  
3 **Information**  
4 Finish

Instance Details and Ownership

Specify the information about your instances Owner, Location and Tags to help you organize and compare your managed instances. ⓘ

Owner

Location

Comments

Current Tags  
No Tags Selected

Popular Tags

- 24x7
- Business Critical
- Business Hours
- Development
- Disaster Recovery

See All Tags ⓘ

Add New Tag  **ADD**

**Back** **Cancel** **Next**

To add tags, you can do one of the following:

- Click any of the suggested **Popular Tags** on the right side of the window. The tag appears now on **Current Tags** on the left.
- You can click **See All Tags** on the top right section to display all available tags.
- If you want to **Add a New Tag**, type the name in the bottom box, and click **ADD**. Your new tag will be added to the **Current Tags** list.

## Warning

- The tag name must begin with an upper or lowercase alphanumerical character.
- Your tag name must have a maximum length of 20 characters.
- Only the following special characters are valid for tags: ! # @ ( ) ' . : - \_ and embedded spaces.



Refer to the [Managing tags](#) section for more guidance on how to add, view, edit, or delete tags.

### 4. Finish

On this section, you can review your Instance Registration Details such as: instance name, SQL Connection Credentials, WMI Connection Credentials, Owner, Location, Comments, and Tags.

To change any of these registration details you can do one of the following:

- You can click any of the title sections (INSTANCE, CREDENTIALS or INFORMATION) and go directly to the place where you need to make the changes.
- You can click **PREV** to go back to the previous sections until you find the place where you need to make changes.

**Add Instance Wizard**

1 Instance

2 Credentials

3 Information

4 **Finish**

Review Instance Details

Review all the details of the SQL Server instances that you are registering. You can go back to previous steps if you want to change some information.

Instance: SIDROCID02;ARIVEROC-DH01;WIN-90GCKKJIPTJ\SERVER012;ASALVATIEH-DV01;

SQL Connection Credentials: SQL Inventory Manager service account

WMI Connection Credentials: SQL Inventory Manager service account

Owner:

Location:

Comments:

Tags:

Back Cancel Submit

After you review your registration details click **FINISH**. IDERA SQL Inventory Manager begins to collect instances information after a few minutes of their registration and will continuously collect availability, performance, and configuration information from them and their host computers.

## Tip

After registration, you can still change credentials, tags, and information settings on the **Edit Properties** option. Refer to [Editing instance properties](#) for more information.

About collection intervals

Collection intervals are predefined. You can see more information about collection frequency on the [What Health Checks are available in SQL Inventory Manager?](#) section.

You can also force data collection for an instance by selecting **Refresh Data** on the **Instance details** view. For more information, refer to [Viewing instance details](#).

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