

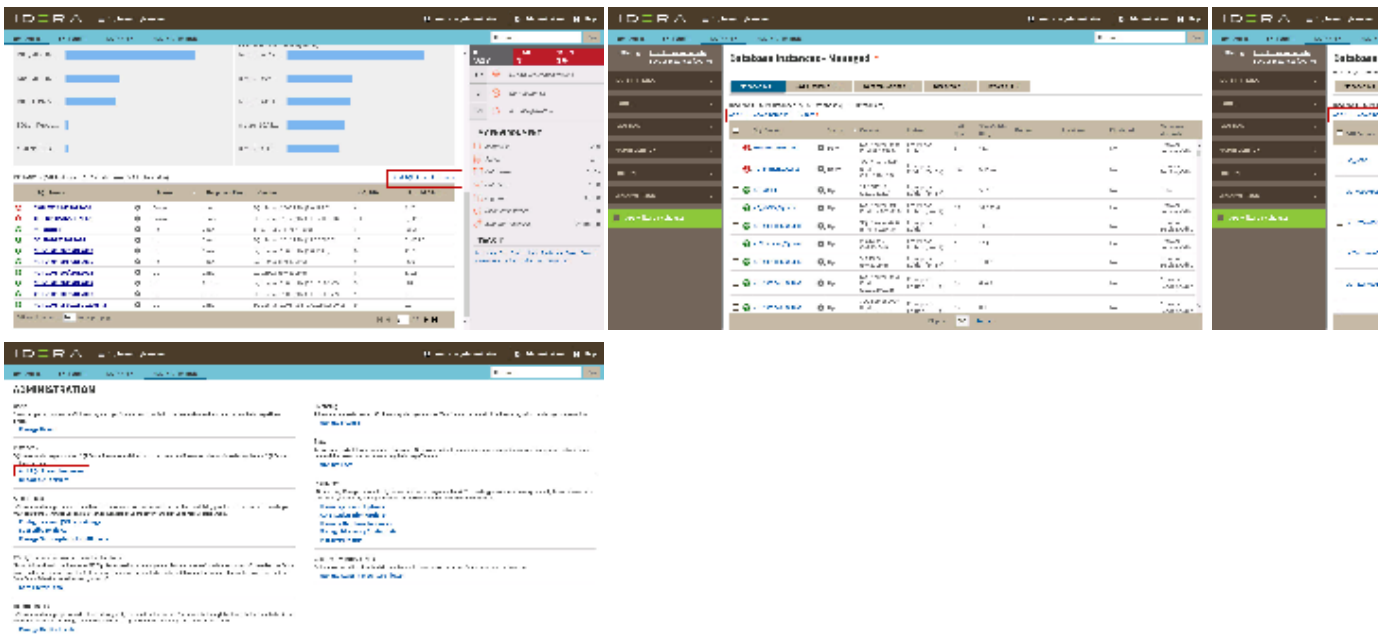
# How to add SQL Server instances for monitoring

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:

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

Below you can see the tabs and sections where you can find **Add SQL Server instances**. Click the image to view full size.



The Add Instance Wizard contains the following four sections:

## 1. Instance

1. Type the name of instance or instances you want to register in the **SQL Server Instance** box. Use a semicolon to separate instances.



When you select instances on the **Instances** view (Managed, Discovered, Ignored), the wizard already adds them to this box.

**Tips**

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

Use the Browse button to get a list of instance names discovered by the SQL Inventory Manager service.

Check the "Cloud instance" box if you are adding instances hosted on a cloud service such as Azure or AWS.

1 INSTANCE2 CREDENTIALS3 INFORMATION4 FINISH

SQL Server Instance

BROWSE

☐ Cloud instance

BackNextCancel

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 then click **Apply**.

**Tips**

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

Use the Browse button to get a list of instance names discovered by the SQL Inventory Manager service.

Check the "Cloud instance" box if you are adding instances hosted on a cloud service such as Azure or AWS.

1 INSTANCE2 CREDENTIALS3 INFORMATION4 FINISH

SQL Server Instance

☐ Cloud instance

☒ 2012R2\BCTEST\_SQL2014
 ☒ 2012R2\SQL2012
 ☐ ALANPRECISE961
 ☐ ALANPRECISE961\SQL2008
 ☐ AUT-2008R2-001\SQL2012
 ☐ AUT-2008R2-002\SQL2008R2
 ☐ AUT-2008R2-002\SQL2008R2...
 ☐ AUT-2012R2-004\SQL2008\_CS

APPLY

BackNextCancel

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

The screenshot shows a configuration window for 'SQL Server Instance'. On the left is a dark sidebar with a 'Tips' section containing three paragraphs of advice. The main area has a progress bar at the top with four steps: 1. INSTANCE (active), 2. CREDENTIALS, 3. INFORMATION, and 4. FINISH. Below the progress bar, the title 'SQL Server Instance' is followed by a text input field containing '2012R2\SQL2012;2012R2\BCTEST\_SQL2014;' and a 'BROWSE' button. Below the input field is a checkbox labeled 'Cloud instance'. At the bottom right are three buttons: 'Back', 'Next', and 'Cancel'.

**Tips** ?

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

Use the Browse button to get a list of instance names discovered by the SQL Inventory Manager service.

Check the "Cloud instance" box if you are adding instances hosted on a cloud service such as Azure or AWS.

**SQL Server Instance**

2012R2\SQL2012;2012R2\BCTEST\_SQL2014; **BROWSE**

☐ Cloud instance

Back Next Cancel

## 2. Credentials

IDERA SQL Inventory Manager connects to registered SQL Server instances and their host computers 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
- WMI connection credentials to gather data from the host computers



### Tip

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



### Authorize WMI users and set permissions

If you want to know how to authorize WMI users and set permissions, 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 IDERA SQL Inventory Manager service account**, you can choose to use a **Windows user account** or a **SQL Server login account** from the **Account Type** list.

**Tips**

Specify the credentials used by SQL Inventory Manager to gather data about your instances. Choose whether you want to use the SQL Inventory Manager service account or an alternate account for each type of connection.

SQL Connection credentials are used to connect and perform queries against registered instances to collect configuration, availability, performance and capacity data.

WMI Connection credentials are used to connect to the instance's host computer to gather configuration and performance data. WMI credentials are not available for instances which are hosted on a cloud service such as Azure or AWS.

1 INSTANCE 2 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 ▼

### WMI Connection Credentials

Specify the account to be used to connect to the computers that host the SQL Server instance to collect performance and configuration data.

Account Type

SQL Inventory Manager service account ▼

**Pro Tip:**

 Test the credentials to make sure SQL Inventory Manager can gather data for instances and host computers.

Test credentials

Back Next Cancel

- If you select a **Windows 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.

**Tips**

Specify the credentials used by SQL Inventory Manager to gather data about your instances. Choose whether you want to use the SQL Inventory Manager service account or an alternate account for each type of connection.

SQL Connection credentials are used to connect and perform queries against registered instances to collect configuration, availability, performance and capacity data.

WMI Connection credentials are used to connect to the instance's host computer to gather configuration and performance data. WMI credentials are not available for instances which are hosted on a cloud service such as Azure or AWS.

1 INSTANCE 2 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

Windows user account ▼

User name Password

### WMI Connection Credentials

Specify the account to be used to connect to the computers that host the SQL Server instance to collect performance and configuration data.

Account Type

SQL Inventory Manager service account ▼

**Pro Tip:**

 Test the credentials to make sure SQL Inventory Manager can gather data for instances and host computers.

Test credentials

Back Next Cancel

- You can test the correctness of your credentials by clicking **Test Credentials**.

## WMI Connection Credentials

- On this section, you can choose to use the **SQL Inventory Manager service account** or a **Windows user account** by selecting either of them

**Tips** ?

Specify the credentials used by SQL Inventory Manager to gather data about your instances. Choose whether you want to use the SQL Inventory Manager service account or an alternate account for each type of connection.

SQL Connection credentials are used to connect and perform queries against registered instances to collect configuration, availability, performance and capacity data.

WMI Connection credentials are used to connect to the instance's host computer to gather configuration and performance data. WMI credentials are not available for instances which are hosted on a cloud service such as Azure or AWS.

**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

**WMI Connection Credentials**

Specify the account to be used to connect to the computers that host the SQL Server instance to collect performance and configuration data.

Account Type

SQL Inventory Manager service account

SQL Inventory Manager service account

Windows user account

Test credentials

Inventory Manager can gather data for instances and host computers.

Back Next Cancel

from the **Account Type** list.

- If you choose to use a **Windows user account**, type the respective user name and password. This account allows you to access Windows configuration data of the computer that hosts the registered instance.



#### Tip


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 is 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.

 **Tips** ?

Specify information to help you organize your managed instances.

SQL Inventory Manager will allow you to view and compare information about your instances by Owner, Location and Tags.

For example, this information will let you view data for all the SQL Servers in Houston, owned by the Accounting department or by SQL Server version.

Access the full list of tags by clicking the See All Tags link. You can specify one or more tags for a single instance.

1 INSTANCE

2 CREDENTIALS

3 INFORMATION

4 FINISH

### Instance Details and Ownership

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

Next

Cancel

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 then click **ADD**. Your new tag will be added to the **Current Tags** list.

 **Tips** ?

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.

1 INSTANCE2 CREDENTIALS3 INFORMATION4 FINISH

Instance

2012R2\SQL2012;2012R2\BCTEST\_SQL2014;

SQL Connection Credentials

SQL Inventory Manager service account

WMI Connection Credentials

SQL Inventory Manager service account

Owner

Location

Comments

Tags

Back

Finish

Cancel



#### 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.



#### Tip


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 **Back** to go back to the previous sections until you find the place where you need to make changes.


**Tips**

?

1 INSTANCE

2 CREDENTIALS

3 INFORMATION

4 FINISH

Instance

2012R2\SQL2012;2012R2  
\BCTEST\_SQL2014;

SQL Connection Credentials

SQL Inventory Manager service account

WMI Connection Credentials

SQL Inventory Manager service account

Owner

Location

Comments

Tags

Back

Finish

Cancel

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 in [What Health Checks are available in SQL Inventory Manager?](#)

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](#).

IDERA [SQL Inventory Manager](#) lets you discover and visualize your SQL Server environment. [Learn more](#) > >

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