

Adding Business Intelligence Services for monitoring

In order to monitor a BI Service, access its details, and add it to your monitored environment, you need to register it with SQL BI Manager. This section helps you register one or more BI Service instances with SQL BI Manager.

The Add Instance wizard contains the following four sections:

- [Instance tab](#)
- [Credentials tab](#)
- [Information tab](#)
- [Finish tab](#)

Instance tab

Type the name of the instance or instances where the BI Services you want to monitor are hosted in the **BI Instance Name** box. Use a semicolon to separate instances.

The screenshot shows the 'Add Instance' wizard with the 'INSTANCE' tab selected. On the left, a 'Tips' panel provides instructions: 'Specify the SQL Server instances you want to register with SQLBI for monitoring. Separate multiple instances with a semicolon.' and 'Use the Browse button to get a list of instance names discovered by the SQLBI service.' The main area features a 'BI Instance Name' text box, a 'BROWSE' button, and an 'IMPORT' button. Below these are three checked checkboxes: 'Monitor SSAS', 'Monitor SSRS', and 'Monitor SSIS'. At the bottom are navigation buttons: '<< PREV', 'NEXT >>', and 'CANCEL'.

You can use the **Browse** button to access a list of discovered instances that have not been registered yet with SQL BI Manager. Check the box next to the BI instances you want to add, and click **Apply**.

Tips

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

Use the Browse button to get a list of instance names discovered by the SQLBI service.

1 INSTANCE

2 CREDENTIALS

3 INFORMATION

4 FINISH

SQL Server Instance

BI-WIN2012R2-X6\BI2012;BI-ET-W2012DC EN\SQLBI_INSTANCE;

BROWSE

☒ Monitor SSAS

☒ Monitor SSRS

☒ Monitor SSIS

<< PREV

NEXT >>

CANCEL

Credentials tab

SQL BI Manager connects to registered SQL Server BI 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

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

If you want to know how to authorize WMI users and set permissions, see the Microsoft document, [Authorize WMI users and set permissions](#).

By default, SQL BI Manager connects using the SQL BI 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 BI instance and collect its information. If you do not want to use the **SQL BI 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 SQLBI to gather data about your instances. Choose whether you want to use the SQLBI 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.

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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

SQLBI 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

SQLBI service account

Pro Tip: Test the credentials to make sure SQLBI can gather data for instances and host computers.

TEST CREDENTIALS

<< PREV
NEXT >>
CANCEL

If you select a **Windows user account** or **SQL Server login account**, type the respective user name and password. SQL BI Manager uses this account for SQL queries to gather availability and configuration data. Use the **Test Credentials** option at the lower right side of the screen to make sure that SQL BI Manager can gather data for instances and host computers.

Tips

Specify the credentials used by SQLBI to gather data about your instances. Choose whether you want to use the SQLBI 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.

1 INSTANCE
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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

SQLBI 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

SQLBI service account

Pro Tip: Test the credentials to make sure SQLBI can gather data for instances and host computers.

TEST CREDENTIALS

<< PREV
NEXT >>
CANCEL

Once the **Test Credentials** verification completes, you also have the option to remove instances that failed the credential test.

WMI Connection Credentials

On this section, you can choose to use the **SQL BI Manager service account** or a **Windows user account** by selecting either of them from the **Account Type** list.

Tips

Specify the credentials used by SQL BI to gather data about your instances. Choose whether you want to use the SQL BI 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.

1 INSTANCE
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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 BI 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 BI service account
SQL BI service account
Windows user account

Can gather data for instances and host computers.

TEST CREDENTIALS

<< PREV
NEXT >>
CANCEL

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.



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

Information tab

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

Although none of these fields are required, Owner, Location, and Comments provide a powerful method for organizing your managed instances.

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

Tips

Specify information to help you organize your managed instances.

SQLBI 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.

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Instance Details and Ownership

Owner

Location

Comments

<< PREV

NEXT >>

CANCEL

Finish tab

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

To change registration details you can:

- Click any of the fields such as Instance, SQL Connection Credentials or Monitor BI services and the appropriate screen displays.
- You can click **PREV** to go back to previous screens until you find the one you need to modify.

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 INSTANCE
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4 FINISH

Instance
SQL Connection Credentials
WMI Connection Credentials
Owner
Location
Comments
Monitor SSAS Service
Monitor SSIS Service
Monitor SSRS Service

BI-WIN2012R2\SQL2012;BI-WIN2012R2\SQL2014;
SQL Server login account
SQLBI service account
Claudia
Bolivia

True
True
True

<< PREV

FINISH

CANCEL

After you review your registration details click **FINISH**.

Status	
Instance Name	Status
AUT-HOOVER\SQL2012	Added Successfully
AUT-LOVEJOY\SQL2012	Added Successfully

OK

SQL BI Manager displays a Status screen and begins to collect BI Service information after a few minutes of finishing registration and continuously gathers availability, performance, and configuration information. Click **OK** to access the SQL BI Manager dashboard or the Idera Dashboard.

Access the Add Instance wizard

The **Add Instance** wizard displays automatically after you complete the **Welcome to Idera SQL Business Intelligence Manager** wizard. You can also find the **Add BI Service** option in the Administration view. Click the image to view full size.

THRESHOLD CONFIGURATION	ADD BI SERVICE	CONFIGURE SMTP	CONFIGURE EMAIL ALERTS	ADD USER
Name	Type	Info	Warning	
Average Disk Write I/Os Per Sec	Normal	500 B	2000	
Average Disk Write I/Os Per Min	Normal	500 B	2000	
SQL Paging	Normal	500 B	75 B	
Percent Processor Time	Normal	500 B	75 B	

SQL **Business Intelligence Manager** identifies issues within the SQL BI environment to help optimize BI service performance. [Learn more > >](#)

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