

Administering SQL BI Manager

The **Administration** tab gives you easy access to manage SQL BI Manager options such as SQL BI Service instances, Email alerts, and alerts threshold configuration.

DASHBOARDALERTSSASSRSSSSISADMINISTRATION

THRESHOLD CONFIGURATION | ADD BI SERVICE | CONFIGURE SMTP | CONFIGURE EMAIL ALERTS | MANAGE MONITORED SERVICES

Instance : Default

Enable all

Disable all

Export

Name	Type	Info	Warning	Critical	Enable	
Available Bytes	Numeric	90.0	75.0	50.0	<input checked="" type="checkbox"/>	
Average Disk Milliseconds Per Read	Numeric	100.0	200.0	500.0	<input checked="" type="checkbox"/>	
Average Disk Milliseconds Per Transfer	Numeric	100.0	200.0	500.0	<input type="checkbox"/>	
Average Disk Milliseconds Per Write	Numeric	100.0	200.0	500.0	<input checked="" type="checkbox"/>	
Bytes Received/sec	Numeric	50.0	75.0	90.0	<input type="checkbox"/>	
Bytes Sent/sec	Numeric	50.0	75.0	90.0	<input type="checkbox"/>	
Cache Faults Per sec	Numeric	90.0	75.0	50.0	<input checked="" type="checkbox"/>	
Cache: Copy Reads/sec	Numeric	50.0	75.0	90.0	<input type="checkbox"/>	
Committed Bytes	Numeric	90.0	75.0	50.0	<input checked="" type="checkbox"/>	
Context Switches/sec	Numeric	50.0	75.0	90.0	<input type="checkbox"/>	
Copy Read Hits Percent	Numeric	90.0	75.0	50.0	<input checked="" type="checkbox"/>	
Current Disk Queue Length	Numeric	90.0	75.0	50.0	<input checked="" type="checkbox"/>	
Disk Read Bytes/sec	Numeric	50.0	75.0	90.0	<input type="checkbox"/>	
Disk Transfer Bytes/sec	Numeric	50.0	75.0	90.0	<input type="checkbox"/>	
Disk Write Bytes/sec	Numeric	50.0	75.0	90.0	<input type="checkbox"/>	
Interrupts Per sec	Numeric	90.0	75.0	50.0	<input checked="" type="checkbox"/>	
Network Output Queue Length	Numeric	50.0	75.0	90.0	<input type="checkbox"/>	
OS Paging	Numeric	50.0	75.0	90.0	<input checked="" type="checkbox"/>	
Pages Per sec	Numeric	90.0	75.0	50.0	<input checked="" type="checkbox"/>	
Percent Idle Time	Numeric	90.0	75.0	50.0	<input checked="" type="checkbox"/>	

1

/ 8

Display: 20

Refresh

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In the Administration tab you can:

- Enable or disable alerts and thresholds
- Configure alerts thresholds
- Add SQL BI Service Instances for monitoring
- Configure SMTP settings for alerting
- Configure Email alerts
- Manage Monitored Instances

Enable or disable alerts and thresholds

SQL BI Manager allows you to enable or disable the generation of alerts and collection of some performance metrics. You can disable alerts when not necessary, to save system resources, or perform maintenance.

To enable or disable specific alerts and thresholds, start by selecting the BI Instance and the type of alert (Server, SSAS, SSRS, SSIS) from the drop-downs above the list. Then, under the **Enable** column, select the alert you want to enable or deselect to disable it.

You can also click the **Enable All** button to quickly enable all alerts on a specified BI Instance, or click the **Disable All** button to disable all alerts for the selected BI Instance.

Configure alert thresholds

In SQL BI Manager you can set alert thresholds to keep you informed of only relevant information about your SQL Server BI environment.

To edit an alert threshold, start by selecting the BI instance and the type of alert (Server, SSAS, SSRS, SSIS) from the drop-downs above the list. Then, you can access the Threshold Configuration window by clicking the pencil icon [blocked URL](#) at the right end of the alerts list.

Threshold Configuration: AUT-SQLBI-118

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X

Metric: SSAS Avg time Per query

90	Info	to	75	Warning	to	50	Critical	and above
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Save

Cancel

In the **Threshold Configuration** window, you can specify thresholds for **Informational**, **Warning**, and **Critical** alerts. Once you have configured your alert thresholds you can verify this information in the Administration roll up view.

Add SQL BI Service Instances for monitoring

Use the **ADD BI SERVICE** option to add SQL BI Service Instances for monitoring. For additional information, refer to Adding Business Intelligence Services for monitoring.

Configure SMTP settings for alerting

Use the **CONFIGURE SMTP** option to configure Email server settings to be able to send notifications over Email.

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X

Email Settings

Email Information

Sender Address:

Reply To Address:

Message Footer:

Outgoing Mail Server Information

SMTP Server Address:

SMTP Server Port: ☐ Use an SSL encrypted connection

☐ SMTP Server requires authentication

User Name:

Password:

Test Email Settings

Recipient of test email:

Configure the following settings:

Email Information

Sender Address: Enter the Email address that SQL BI Manager will use as the sender of the Email notifications.

Reply To Address: Specify a reply-to Email address to receive replies from Emails.

Message Footer: Enter the text that you want to appear in the footer of Email notifications.

Outgoing Mail Server Information

In order to send email notifications, you must specify the settings of an email server you want to use. You need to provide the following information:

SMTP Server Address: Enter the name or Internet Protocol (IP) address of your SMTP mail server.

SMTP Server Port: Enter the IP port that the SMTP mail server uses. The default SMTP port is 25.

Use an SSL encrypted connection: Select this check box to use an SSL encrypted connection to connect to the email server.

SMTP Server authentication: Select this check box if your SMTP server requires authentication, specify then a valid user name and password to access the email server.


Test Email Settings

You can use this section to test your email settings. For this purpose, enter the **Recipient of the test email** and click **SEND TEST EMAIL**. SQL BI Manager sends a test email to the recipient you specify. You can verify this test email in the respective recipient account.

After you configure your Email settings, you can subscribe to alerts by configuring Email alerts.

Configure Email alerts

Use the **CONFIGURE EMAIL ALERTS** option to subscribe specific users to receive Email alerts on specific events occurring on specific monitored BI servers. SQL BI Manager sends an Email when the severity changes to Critical or Warning (regardless of the originating severity).

 **Tips**
Allow subscription to alerts for individual servers and individual events by individual users

An email is sent when the severity changes only when a metric changes to Critical or Warning (regardless of the originating severity)

Configure Email Alerts

Choose BI Service
Search

AUT-SQLBI-118
SSAS

CH-SP2010-1
SSAS

CR-2K8R2
SSAS

AUT-SQLBI-118
SSIS

CH-SP2010-1

Criticality	# of users subscribed	Users (Email Addresses)
Critical	0	Add Email
Warning	0	

Close

Follow these steps to **Configure Email Alerts**:

- Select the BI Service you want to receive alerts from.
- Select **Critical** or **Warning** to receive alerts only when a metric changes to either status.
- Add Email address of the recipient.

Manage Monitored Services

Use the **MANAGE MONITORED SERVICES** option to have a general overview of all monitored BI instances. This view displays information such as the **Component Type**, its **Status**, the **Service** and **Host Name**, the **Authentication User Name**, the **Alert Refresh Time**, and the **Monitoring** status (true or false). You can also **Export** this information to a PDF, XLS, or XML file.

Manage Monitored Services

Export

	Component Type	Status	Service Name	Host Name	Authentication User Name	Alert Refresh Time(mins)	Monitoring
<input type="checkbox"/>	SSAS	RUNNING	AUT-SQLBI-118	AUT-SQLBI-118	SQLBI Service Account	6	true
<input type="checkbox"/>	SSAS	UNKNOWN	CH-SP2010-1	CH-SP2010-1	SQLBI Service Account	6	true
<input type="checkbox"/>	SSAS	RUNNING	CR-2K8R2	CR-2K8R2	SQLBI Service Account	6	true
<input type="checkbox"/>	SSIS	RUNNING	AUT-SQLBI-118	AUT-SQLBI-118	SQLBI Service Account	6	true
<input type="checkbox"/>	SSIS	UNKNOWN	CH-SP2010-1	CH-SP2010-1	SQLBI Service Account	6	true
<input type="checkbox"/>	SSIS	RUNNING	CR-2K8R2	CR-2K8R2	SQLBI Service Account	6	true
<input type="checkbox"/>	SSRS	RUNNING	AUT-SQLBI-118	AUT-SQLBI-118	SQLBI Service Account	6	true
<input type="checkbox"/>	SSRS	STOPPED	CH-SP2010-1	CH-SP2010-1	SQLBI Service Account	6	true
<input type="checkbox"/>	SSRS	RUNNING	CR-2K8R2	CR-2K8R2	SQLBI Service Account	6	true

Display: 10 Refresh

Close

You can also perform actions to either single or several BI instances.

Perform actions on a single BI instance

After you select a SQL Server from the list, you can perform the following actions:

- Edit Properties:** Allows you to modify the previously established credentials.
- Export:** Allows you to export the information available to a PDF, XLS, or XML file.
- Remove:** Allows you to remove instances that you no longer want to monitor.

Additionally, by clicking the gear icon you can also **Change Refresh Interval**, as well as to **Disable Monitoring** temporarily (during maintenance operations) and **Edit Properties**.

Manage Monitored Services

Edit Properties

Export

More Actions

Remove

	Component Type	Status	Service Name	Host Name	Authentication User Name	Alert Refresh Time(mins)	Monitoring
<input checked="" type="checkbox"/>	SSAS	<div> <div>Change Refresh Interval</div> <div>Disable Monitoring</div> <div>Edit Properties</div> </div>	LBI-118	AUT-SQLBI-118	SQLBI Service Account	6	true
<input type="checkbox"/>	SSAS		010-1	CH-SP2010-1	SQLBI Service Account	6	true
<input type="checkbox"/>	SSAS		010	CH-SP2010	SQLBI Service Account	6	true
<input type="checkbox"/>	SSIS		LBI-118	AUT-SQLBI-118	SQLBI Service Account	6	true
<input type="checkbox"/>	SSIS	UNKNOWN	CH-SP2010-1	CH-SP2010-1	SQLBI Service Account	6	true
<input type="checkbox"/>	SSIS	STOPPED	CH-SP2010	CH-SP2010	SQLBI Service Account	6	true
<input type="checkbox"/>	SSRS	RUNNING	AUT-SQLBI-118	AUT-SQLBI-118	SQLBI Service Account	6	true
<input type="checkbox"/>	SSRS	STOPPED	CH-SP2010-1	CH-SP2010-1	SQLBI Service Account	6	true
<input type="checkbox"/>	SSRS	RUNNING	CH-SP2010	CH-SP2010	SQLBI Service Account	6	true

Perform bulk actions on several BI instances

After you select more than one SQL Server from the list, you can perform the following bulk actions:

- Edit Credentials:** Allows you to modify the previously established credentials.
- Export:** Allows you to export the information available to a PDF, XLS, or XML file.
- Remove:** Allows you to remove instances that you no longer want to monitor.

Additionally, you can click the gear icon to access the option to temporarily **Disable Monitoring** (during maintenance operations), as well as to **Edit Credentials**.

Manage Monitored Services

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X

Edit Credentials | Export | More Actions | Remove

<div><div></div><div></div></div>	Component Type	Status	Service Name	Host Name	Authentication User Name	Alert Refresh Time(mins)	Monitoring
<div><div><div></div><div></div></div></div>	SSAS	<div><div></div><div></div></div>	CH-SP2010-1	AUT-SQLBI-118	SQLBI Service Account	6	true
<div><div><div></div><div></div></div></div>	SSAS	<div><div></div><div></div></div>		CH-SP2010-1	SQLBI Service Account	6	true
<div><div><div></div><div></div></div></div>	SSAS	<div><div></div><div></div></div>		CH-SP2010	SQLBI Service Account	6	true
<div><div><div></div><div></div></div></div>	SSIS	<div><div></div><div></div></div>	AUT-SQLBI-118	AUT-SQLBI-118	SQLBI Service Account	6	true
<div><div><div></div><div></div></div></div>	SSIS	<div><div></div><div></div></div>	CH-SP2010-1	CH-SP2010-1	SQLBI Service Account	6	true
<div><div><div></div><div></div></div></div>	SSIS	<div><div></div><div></div></div>	CH-SP2010	CH-SP2010	SQLBI Service Account	6	true
<div><div><div></div><div></div></div></div>	SSRS	<div><div></div><div></div></div>	AUT-SQLBI-118	AUT-SQLBI-118	SQLBI Service Account	6	true
<div><div><div></div><div></div></div></div>	SSRS	<div><div></div><div></div></div>	CH-SP2010-1	CH-SP2010-1	SQLBI Service Account	6	true
<div><div><div></div><div></div></div></div>	SSRS	<div><div></div><div></div></div>	CH-SP2010	CH-SP2010	SQLBI Service Account	6	true

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