

Configure alerts for important cluster events

The Alert Templates window allows you to configure generic alert settings that you can apply to servers and groups of servers in your organization. An event that causes a metric to no longer meet a condition or to exceed a threshold signals the SQL Diagnostic Manager to raise an alert. The Alert Templates save you time and help you to avoid mistakes by simplifying alert configuration across your environment.

SQL Diagnostic Manager has the following five Alert Templates that can be used to configure generic alert settings to apply to your monitored servers:

- Default Template
- Critical-Only Template
- Performance Template
- Amazon RDS DBaaS Template
- Azure SQL DBaaS Template
- Azure Managed Instance Template

Name	Description	Cluster Name
Default Template	SQLdm Default Template created by Management Services	W12-SS121416
Critical-Only Template	SQLdm Critical-Only Template created by Management Servic	W12-SS121416
Performance Template	SQLdm Performance Template created by Management Servic	W12-SS121416
Amazon RDS DBaaS Template	SQLdm Amazon RDS DBaaS Template created by Managemen	W12-SS121416
Azure SQL DBaaS Template	SQLdm Azure SQL DBaaS Template created by Management S	W12-SS121416
Azure Managed Instance Templat	SQLdm Azure Managed Instance Template created by Manage	W12-SS121416

Applying an alert template to a monitored server overwrites all existing alert configurations. You can make any custom changes to the alert configuration once the template is applied. If you make a change to a template that is applied to a server, you must also reapply the template to that server using the **Apply To** button.

 Servers are not permanently attached to an applied alert template. SQL Diagnostic Manager does not propagate to the monitored server any changes made to the template unless explicitly applied.

A template allows you to apply the same alert configurations to more than one SQL Server instance. It helps you avoid simple mistakes such as transposing characters or leaving out metric details that could occur when you manually configure each server. Alert templates also help you roll out changes by making the updates in a single location and then rolling out the changes across your environment. If you are more interested in ad hoc alert configuration, remember that you can use a template to return a server to default settings if you make any changes that you later want to revert.

Access the Alert Templates window

You can open the Alert Templates window from the SQL Diagnostic Manager Console menu bar by selecting  > **Alert Configuration Templates**.

Create a new alert template

Create a new alert template or edit the existing Default Template to suit your needs when alerting on your monitored SQL Server instances.

To create a new alert template:

1. Select  and click **Alert Configuration Templates**.
2. Click **New**.
3. Type a unique name and description.
4. **If you want to create a new template based on an existing template**, select the name of the existing template from the **Copy from** list.
5. **If you want to use this new template as your default template**, check **Default Template**.
6. When you click **OK**, the "Would you like to apply this template to existing SQL Server instances?" message prompts. Click **Yes** to confirm or click **No** if you do not want to apply this template.
 - a. If you click **Yes**, the **Select Servers or Tags** opens. Select **Tags** or **Select Servers** to which the alert template should be applied.



You can edit the configuration of your new alert template. In the **Add Alert Template** window, click **Edit configuration** to change thresholds and other metric parameters, for more information review [Configure your alert settings](#).

Change an existing template

SQL Diagnostic Manager allows you to make changes to an existing alert template. Select the template from the list, and then click **View/Edit**. If necessary, you can delete any existing template except for the Default Template. To delete a template, select the template you want to delete, and then click **Delete**.

Import an existing template

SQL Diagnostic Manager allows you to [import](#) an existing alert template from the [IDERA community site](#). Click **Import** and select an alert template.

Export an existing template

SQL Diagnostic Manager allows you to [export](#) an existing alert template. Select the template from the list, and then click **Export**. You can use the default location or specify a different path to save the export file.

Apply template changes to a tag or server

Once you create a new template or make changes to an existing template, you should apply the updates to your tags or servers. Select the template from the list, click **Apply To**, select a tag or servers to which you want to apply the alert template, and then click **OK**.

Note that if the template you are making changes to is already associated with a tag or server, these changes are not automatically applied when you change the template. You must use the **Apply To** button and select the appropriate tag or servers.

Set a template to use as the default

You can set an existing template as the default for SQL Diagnostic Manager to apply to all new servers added without specifying an alert template. To designate a template as the default, click the template in the list, click **Set Default**, and then click **OK**. If there is only one template in your list, SQL Diagnostic Manager uses this template as the default.

Apply alert templates to individual databases or disks within an instance

SQL Diagnostic Manager includes the ability to apply some alert thresholds on a per-database or per-disk basis within an instance. When you create an alert template and include one of these alerts, you cannot select which database or disk to apply the alert to because that is unknown in a template. For that reason, these alerts apply to all databases and disks within the instance to which it is applied.

SQL Diagnostic Manager for SQL Server performance monitoring, alerting, and diagnostics for SQL Server.

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