

Volume at risk

REASON

When a disk volume used for a SQL Server data or log file becomes full, further attempts to add data will result in an error. When the disk volume hosting the operating system or the SQL Server installation itself becomes full, there is the further possibility that the server or the entire system may become unresponsive.

RESOLUTION

You should consider freeing space or adding additional space to allow the system to continue functioning normally. Click [here](#) for more information.

Update Health Checks

The **Volume at risk** health check alerts you when the indicated database does not have a current backup file.

By default, the Volume at Risk *warning alert* is displayed when the storage capacity is between 75-90% full and a *critical alert* is displayed when the storage capacity is above 90% full. You can change the threshold by modifying the percentage for the storage capacity or assigning a flat value for the storage capacity remaining. For example, settings can prevent IDERA SQL Inventory Manager from displaying an alert unless the storage capacity has only has 2 GB remaining. The changes are applied to all databases that are part of the managed instances. After making any change, alerts are not displayed until the new thresholds meet or exceed the selected value.

To configure a health check, in the Administration view, click **Manage Health Checks**, and then click **Configure** for the appropriate health check. In this case, IDERA SQL Inventory Manager displays the Update Health Checks - Volume at Risk window.

Update Health Checks - Volume at Risk

The Volume at Risk warning alert will be thrown if server disk is 75% to 90% full . A critical alert will be thrown if server disk is 90% full. You can change this threshold by modifying the warning and critical alert settings.

Change Warning and Critical Alert Settings

☒ Use Percentage ⓘ

Warning 75 %

Critical 90 %

☐ Use Flat value ⓘ

Warning 1 GB

Critical 1 GB

Alerts will be thrown when server disk threshold has been met or exceeds the selected value(s).

Cancel Save

Make the appropriate changes, and then click **Save**.

Excluding a drive

The **Disk Drives Excluded From Volume at Risk Alert** section allows you to exclude drives from this health check. To exclude a drive follow these steps:

1. Click Edit on the **Disk Drives Excluded From Volume at Risk Alert** section.
2. Select an instance from the instances view.
3. Select a drive on the **Excluded Drives** drop down menu.
4. Click **Apply**.

To remove a drive from the excluded list select an instance and click **Clear**.



Available Health Checks

For more information about the Health Checks performed by IDERA SQL Inventory Manager, go to [What Health Checks are available with SQL Inventory Manager?](#)