

Configuring the Databases for High Availability

The following steps guide you to make the IDERA Dashboard Repository and SQL Safe Backup Repository databases highly available using the Windows Failover Cluster Service for Windows Server 2008 and above.

1. Open the **SQL Server Management Studio (SSMS)** and connect to the **listener** name.
2. Set the **recovery model** of the **IDERA Dashboard Repository and SQL Safe Repository databases** to **Full**.
Go to Databases, right click on IDERA Dashboard Repository, and select Properties. Go to options and set the Recovery Model to Full. Click OK.
Go to Databases, right click on SQL Safe Repository, and select Properties. Go to options and set the Recovery Model to Full. Click OK.
3. **Perform a Full backup** of the **IDERA Dashboard Repository and SQL Safe Repository**.
Go to Databases, right click on IDERA Dashboard Repository, select Tasks, and Backup. The Backup Database - IDERA Dashboard Repository window appears, select the Backup Type as Full, and click OK.
Go to Databases, right click on SQL Safe Repository, select Tasks, and Backup. The Backup Database - SQL Safe Repository window appears, select the Backup Type as Full, and click OK.
4. **Sign in to the listener machine**, open the **SQL Server Management Studio (SSMS)**, and connect to the **listener** name.
5. **Create an availability group**.
Go to AlwaysOn High Availability, right click on Availability Groups, and select New Availability Group.
The New Availability Group wizard opens. On the General tab assign the Availability group name and in the Availability Replicas Add the information for the secondary replica. Make sure the Readable Secondary option is set as Yes for both replicas. On the Backup Preferences tab select the location where your backup should occur. Click OK.
6. Right click on the Availability Group you just created and select **Add Database**.
The Add Database to Availability Group wizard opens displaying information about what is needed to add one or more availability databases to an existing availability group. Click **Next**.
Select the IDERA Dashboard Repository and SQL Safe Repository **databases for the availability group**. Click Next.
Select your **data synchronization** preference, then click Next.
Connect to all the existing **secondary replicas**, then click Next.
Ensure the **availability group validation** tests are successful. Click Next.
Once the **Databases** are ready to add to the availability group, review the Summary and click **Finish**. If you want to edit your settings, select **Previous** and make your changes.
When the Databases are included to the availability group, the results section displays it. Click **Close** to exit the wizard.
7. In **SQL Server Management Studio (SSMS)**, connect to the **secondary replica(s)** and ensure that the databases have been added successfully.

Once you complete it, you have successfully installed SQL Safe Backup with the repository databases hosted in an availability group.

You may begin using SQL Safe Backup by launching the SQL Safe Management Console from the Start menu.

 In an AlwaysOn Environment, SQL Safe Backup will require a license key for each replica to ensure continued functionality of the product after a failover event.

The listener name should be used when generating a license key for the repository database.

In terms of licensing the agent, it still needs to be licensed for each replica.

 SQL Safe is **ONLY** compatible with IDERA Dashboard version 4.6 and with limited support.

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