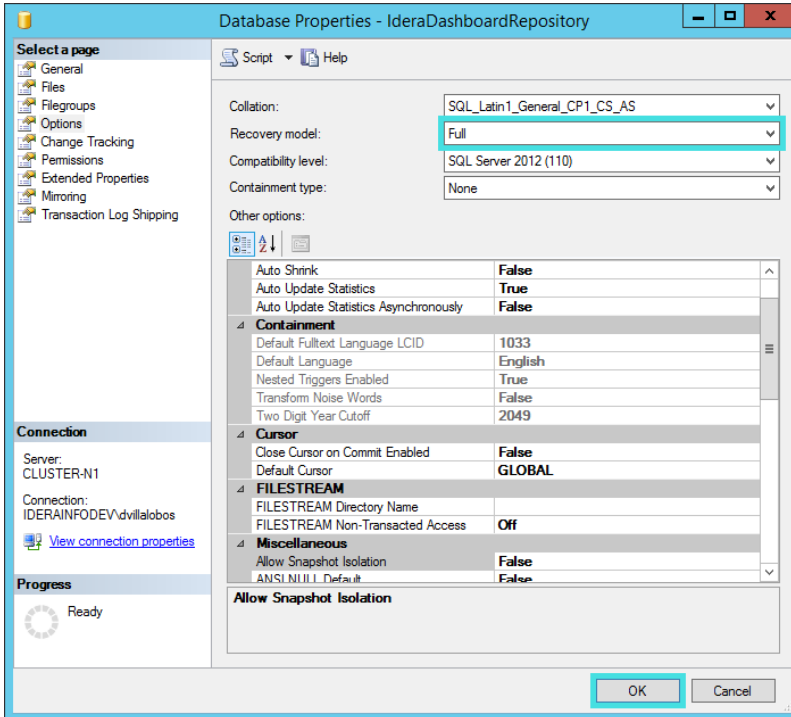


Configure IDERA Dashboard database for High Availability

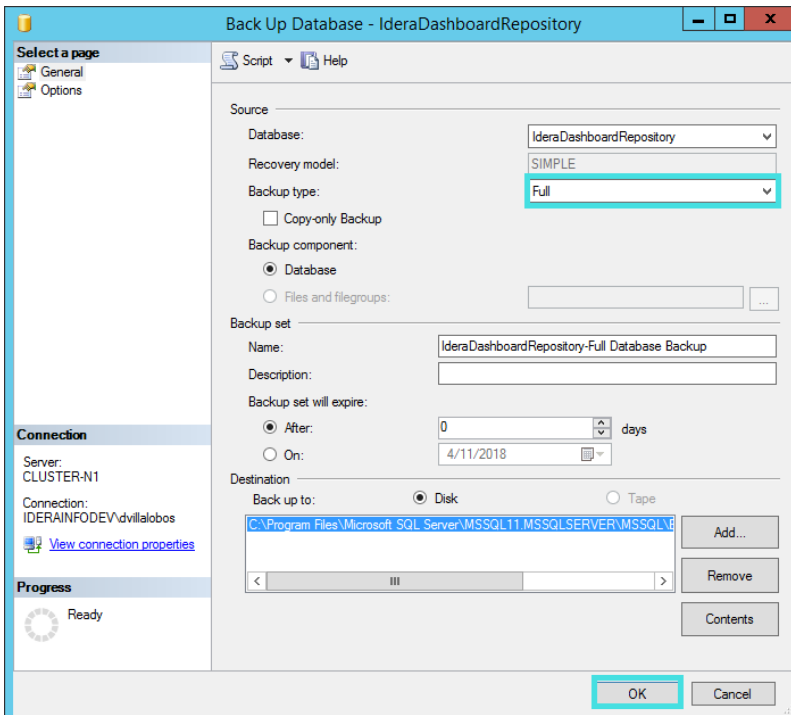
To Install the IDERA Dashboard on any machine with the repository hosted on a High Availability SQL Server Instance, make sure you have set up a Windows Failover Cluster and a SQL Server Instance for High Availability. Find more information [here](#).

Installation Steps for IDERA Dashboard on a High Availability Group

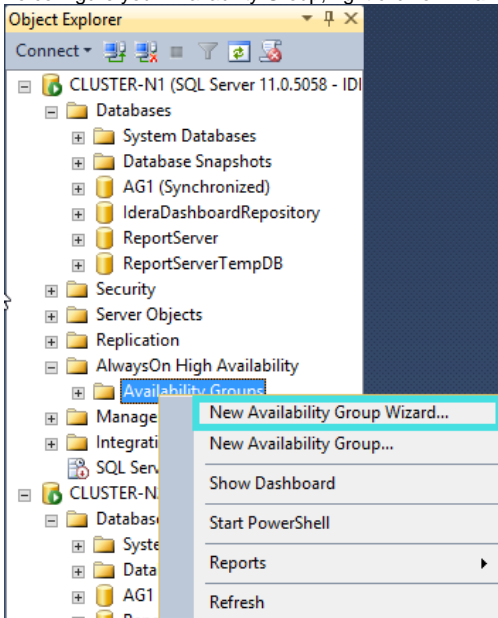
1. Install the IDERA Dashboard on your machine following the [Installation Steps](#).
2. Go to **SQL Server Management Studio** and connect to the SQL Server Instance where you installed the IDERA Dashboard.
3. Under Databases, right click on the **IderaDashboardRepository** and select **properties**. On the wizard, select **Options** and run a **Full Recovery model**.



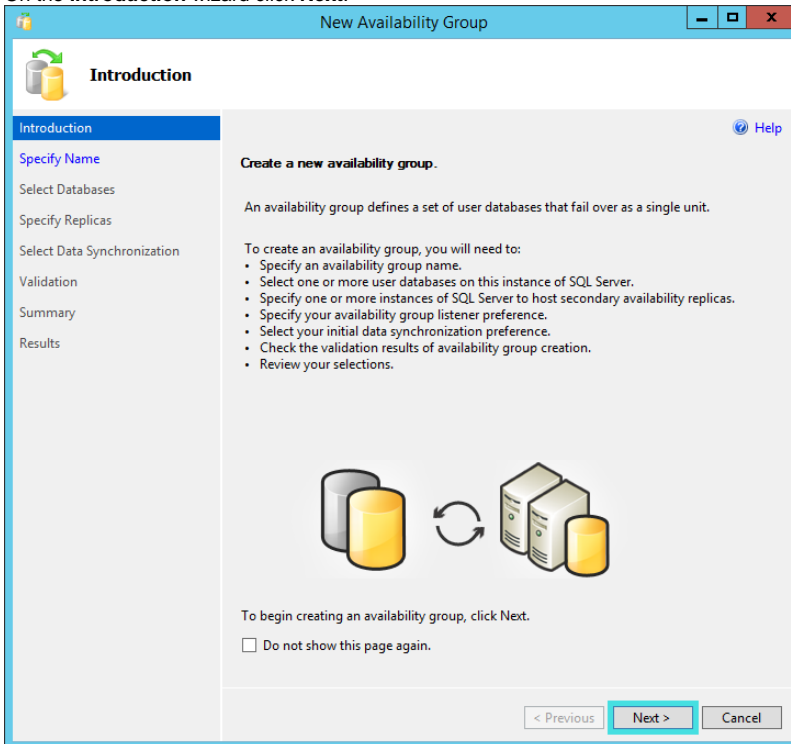
4. Right click on **IderaDashboardRepository**, select **Tasks**, and run a **Full Back up**.



5. To configure your Availability Group, right click on **Availability Groups** and select **New Availability Group Wizard...**



6. On the **Introduction** wizard click **Next**.



7. Provide a name to the availability group. Click **Next**.

The screenshot shows the 'New Availability Group' wizard with the 'Specify Availability Group Name' step selected. The left sidebar contains a navigation pane with the following items: Introduction, Specify Name (selected), Select Databases, Specify Replicas, Select Data Synchronization, Validation, Summary, and Results. The main area has the title 'Specify an availability group name.' and a text box labeled 'Availability group name:' containing the text 'AVGR01'. At the bottom right, there are three buttons: '< Previous', 'Next >' (highlighted with a red box), and 'Cancel'.

8. On the list of available user databases, check the box of the **IderaDashboardRepository** database.

The screenshot shows the 'New Availability Group' wizard with the 'Select Databases' step selected. The left sidebar contains a navigation pane with the following items: Introduction, Specify Name, Select Databases (selected), Specify Replicas, Select Data Synchronization, Validation, Summary, and Results. The main area has the title 'Select user databases for the availability group.' and a table titled 'User databases on this instance of SQL Server:'. The table has three columns: Name, Size, and Status. The rows are as follows:

Name	Size	Status
<input type="checkbox"/> AG1	5.0 MB	Already part of an availability group
<input checked="" type="checkbox"/> IderaDashboardRepository	7.5 MB	Meets prerequisites
<input type="checkbox"/> ReportServer	11.9 MB	Full backup is required
<input type="checkbox"/> ReportServerTempDB	5.1 MB	Full recovery mode is required

At the bottom right, there is a 'Refresh' button and three navigation buttons: '< Previous', 'Next >' (highlighted with a red box), and 'Cancel'.

9. The **Specify Replicas** page, displays as default the server where you are configuring your High Availability Group, click **Add Replica...**, and browse the servers to be included on the Availability Group.
10. Check the boxes of **Automatic Failover (Up to 2)**, **Synchronous Commit (up to 3)**, and select **No** on the **Readable Secondary** option, on all your replicas.
11. On the **Endpoints** tab, make sure that the port number value is **5022**.

12. On the **Listener** tab, provide a **Listener DNS Name** with the port number **1433** and click **Add...**, in the **Add IP Address** dialog box, enter your preferred virtual IP address in the **IPv4 Address** field. Click **OK**. Click **Next**.


The screenshot shows the 'Specify Replicas' tab of the 'New Availability Group' wizard. The left sidebar contains a navigation pane with the following items: Introduction, Specify Name, Select Databases, Specify Replicas (selected), Select Data Synchronization, Validation, Summary, and Results. The main area is titled 'Specify an instance of SQL Server to host a secondary replica.' and has tabs for Replicas, Endpoints, Backup Preferences, and Listener (selected). The Listener tab contains the following text: 'Specify your preference for an availability group listener that will provide a client connection point:'. There are two radio buttons: 'Do not create an availability group listener now' (unselected) and 'Create an availability group listener' (selected). Below the radio buttons is the text: 'Specify your listener preferences for this availability group.' The form includes the following fields: 'Listener DNS Name' (text box with 'ListenerAG'), 'Port' (text box with '1433'), and 'Network Mode' (dropdown menu with 'Static IP' selected). Below these fields is a table with two columns: 'Subnet' and 'IP Address'. The table has one row with the values '192.168.9.0/24' and '192.168.9.5'. At the bottom of the table are 'Add...' and 'Remove' buttons. At the bottom of the wizard are '< Previous', 'Next >', and 'Cancel' buttons.

13. Select the **Full** option, and provide a shared folder location accessible by all replicas. Click **Next**.

The screenshot shows the 'Select Initial Data Synchronization' tab of the 'New Availability Group' wizard. The left sidebar contains a navigation pane with the following items: Introduction, Specify Name, Select Databases, Specify Replicas, Select Data Synchronization (selected), Validation, Summary, and Results. The main area is titled 'Select your data synchronization preference.' and has three radio buttons: 'Full' (selected), 'Join only' (unselected), and 'Skip initial data synchronization' (unselected). Below the radio buttons is the text: 'Specify a shared network location accessible by all replicas:'. There is a text box with a 'Browse...' button next to it. At the bottom of the wizard are '< Previous', 'Next >', and 'Cancel' buttons.

14. Verify that all results return **Success**. Click **Next**.

New Availability Group

 **Validation**

Introduction
Specify Name
Select Databases
Specify Replicas
Select Data Synchronization
Validation
Summary
Results

Help

Results of availability group validation.


Name	Result
✓ Checking whether the endpoint is encrypted using a compatible algorithm	Success
✓ Checking shared network location	Success
✓ Checking for free disk space on the server instance that hosts secondary re...	Success
✓ Checking if the selected databases already exist on the server instance that ...	Success
✓ Checking for compatibility of the database file locations on the server insta...	Success
✓ Checking for the existence of the database files on the server instance that ...	Success
✓ Checking the listener configuration	Success
✓ Checking replica availability mode	Success

Re-run Validation

< Previous **Next >** Cancel

15. The Summary page, displays all the actions to be performed, click **Finish**.

New Availability Group

 **Summary**

Introduction
Specify Name
Select Databases
Specify Replicas
Select Data Synchronization
Validation
Summary
Results

Help

Verify the choices made in this wizard.

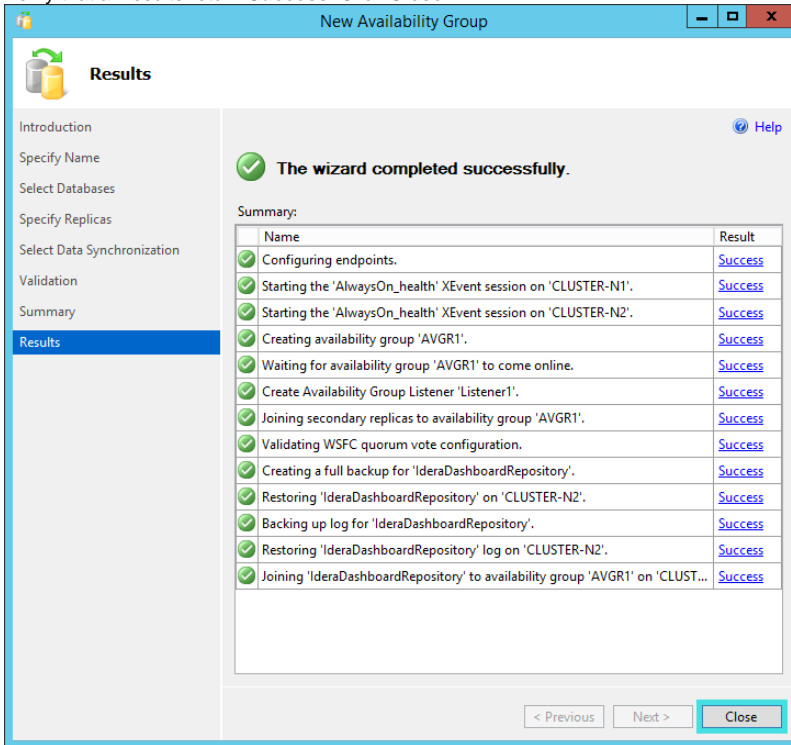
Click Finish to perform the following actions:

- Availability Group: AVGR
 - Primary replica: CLUSTER-N1
 - Availability Group Listener: ListenerAG
 - Automated backup preference: Secondary
 - Databases
 - IderaDashboardRepository (7.5 MB)
 - Initial data synchronization: Full
 - Backup location: \\Erevollo-dv03\fs03
 - Replicas
 - Server instance name: CLUSTER-N1
 - Role: Primary
 - Replica mode: Synchronous commit with automatic failover
 - Readable secondary: No
 - Endpoint: Hadr_endpoint
 - URL: TCP://CLUSTER-N1.IDERAINFODEV.LOCAL:5022
 - Encrypted: Yes
 - Service account: IDERAINFODEV\divallalobos
 - Automated backup priority: 50
 - Server instance name: CLUSTER-N2
 - Role: Secondary
 - Replica mode: Synchronous commit with automatic failover

Script

< Previous **Finish** Cancel

16. Verify that all results return **Success**. Click **Close**.



17. On **SQL Server Management Studio**, you can verify that the **IderaDashboardRepository** database is **Synchronized** on the configured Replicas.

