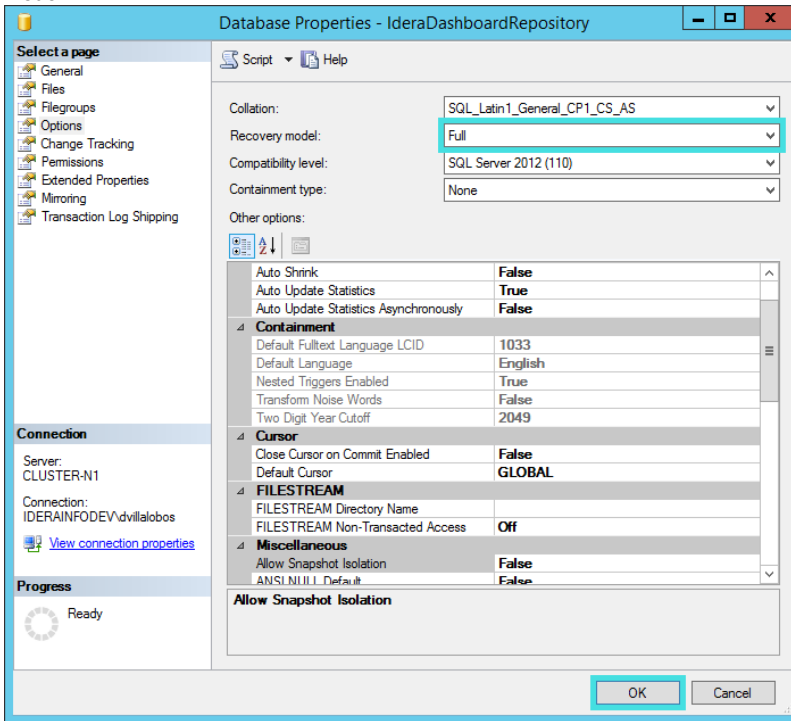


Configure IDERA Dashboard database for High Availability

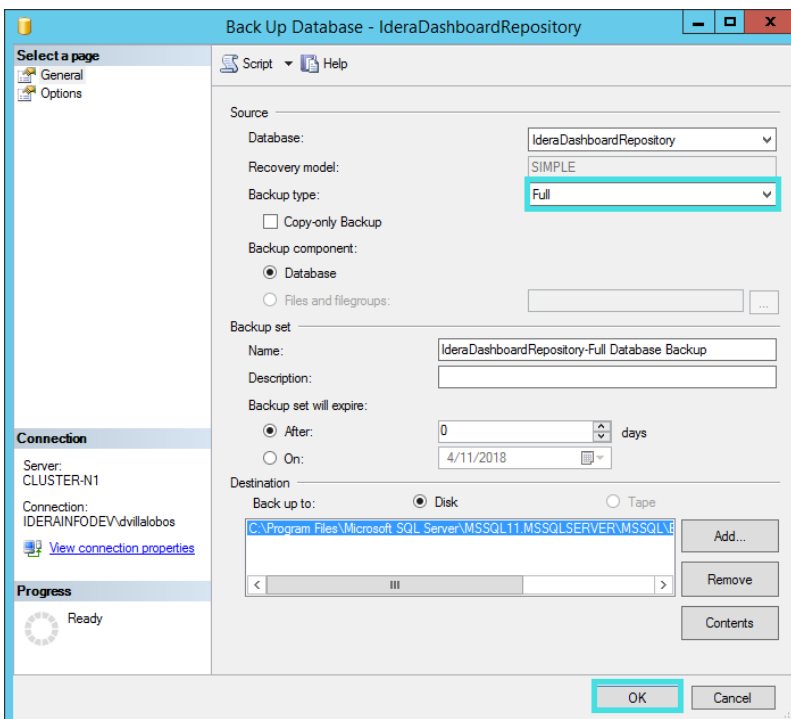
To install the IDERA Dashboard on any machine with the repository hosted on a High Availability SQL Server Instance, make sure you have set up a Windows Failover Cluster and a SQL Server Instance for High Availability. Find more information [here](#).

Installation Steps for IDERA Dashboard on a High Availability Group

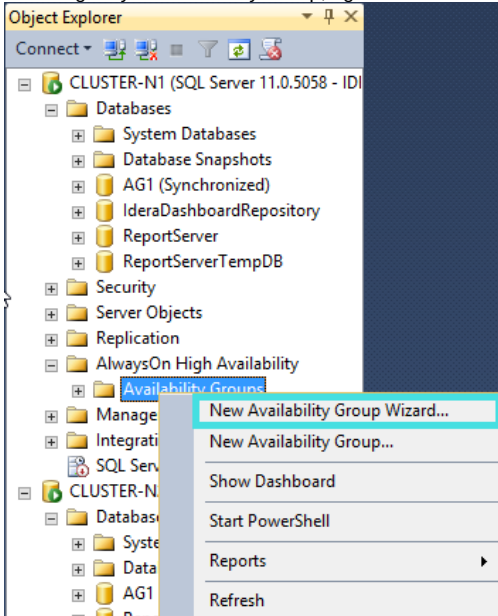
1. Install the IDERA Dashboard on your machine following the [Installation Steps](#).
2. Go to **SQL Server Management Studio** and connect to the SQL Server Instance where you installed the IDERA Dashboard.
3. Under Databases, right-click on the **IderaDashboardRepository** and select **properties**.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



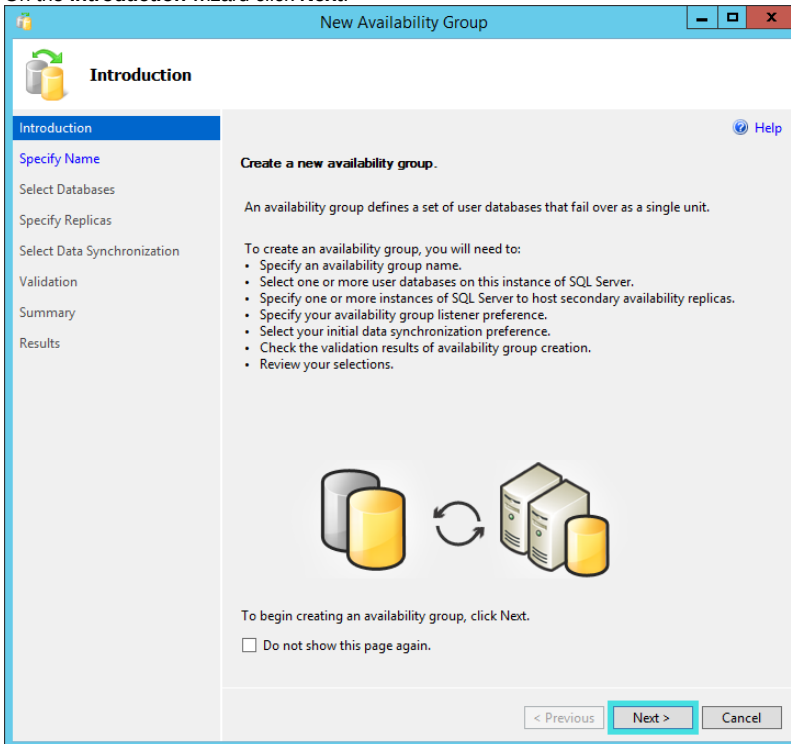
4. Right click on **IderaDashboardRepository**, select **Tasks**, and run a **Full Back up**.



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 list of steps: 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 >', and 'Cancel'. The 'Next >' button is highlighted with a red rectangle.

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 list of steps: 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 section 'User databases on this instance of SQL Server:'. Below this is a table with columns 'Name', 'Size', and 'Status'. The table lists four databases: AG1, IderaDashboardRepository, ReportServer, and ReportServerTempDB. The 'IderaDashboardRepository' row is selected, and its checkbox is checked. At the bottom right, there are three buttons: '< Previous', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a red rectangle.

Name	Size	Status
☐ AG1	5.0 MB	Already part of an availability group
☒ IderaDashboardRepository	7.5 MB	Meets prerequisites
☐ ReportServer	11.9 MB	Full backup is required
☐ ReportServerTempDB	5.1 MB	Full recovery mode is required

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 (highlighted), 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). Below the tabs, there is a section for specifying the listener preference. The 'Create an availability group listener' option is selected. The 'Listener DNS Name' is 'ListenerAG', the 'Port' is '1433', and the 'Network Mode' is 'Static IP'. A table below shows the selected subnet and IP address:

Subnet	IP Address
192.168.9.0/24	192.168.9.5

At the bottom of the main area 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 is the same as in the previous screenshot, with 'Select Data Synchronization' highlighted. The main area is titled 'Select your data synchronization preference.' and has three radio button options: 'Full' (selected), 'Join only', and 'Skip initial data synchronization'. The 'Full' option is selected, and the text below it states: 'Starts data synchronization by performing full database and log backups for each selected database. These databases are restored to each secondary and joined to the availability group.' Below this, there is a text box for 'Specify a shared network location accessible by all replicas:' 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** when ready.

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.

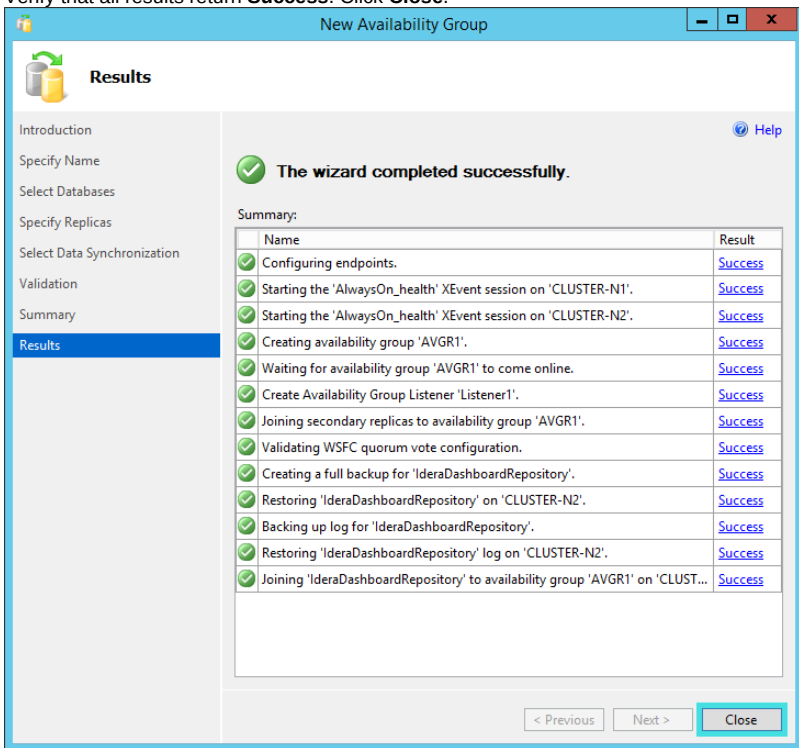
Click Finish to perform the following actions:

- 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.

