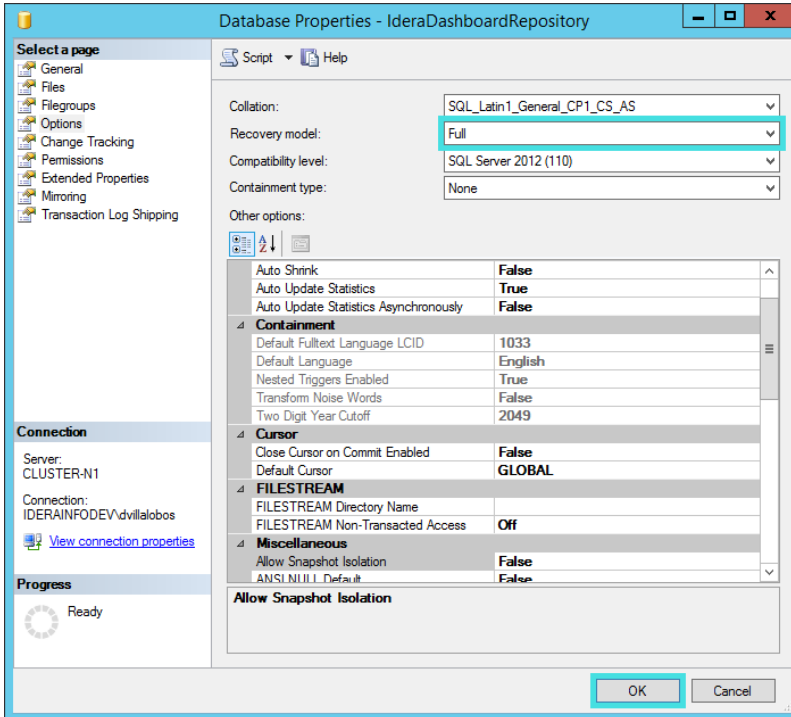


# Configure IDERA Dashboard database for High Availability

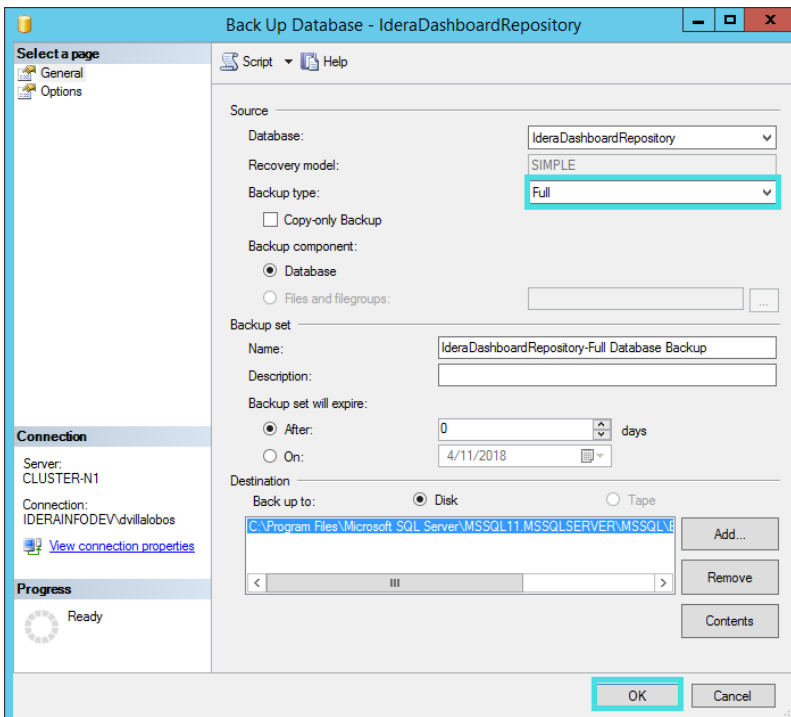
To install the IDERA Dashboard on any machine with the repository hosted on a High Availability SQL Server Instance, make sure you have set up a Windows Failover Cluster and a SQL Server Instance for High Availability. Find more information [here](#).

## Installation Steps for IDERA Dashboard on a High Availability Group

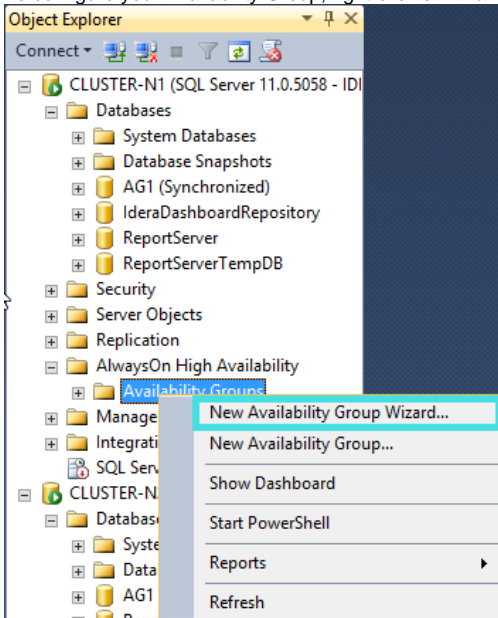
1. Install the IDERA Dashboard on your machine following the [Installation Steps](#).
2. Go to **SQL Server Management Studio** and connect to the SQL Server Instance where you installed the IDERA Dashboard.
3. Under Databases, right-click on the **IderaDashboardRepository** and select **properties**.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



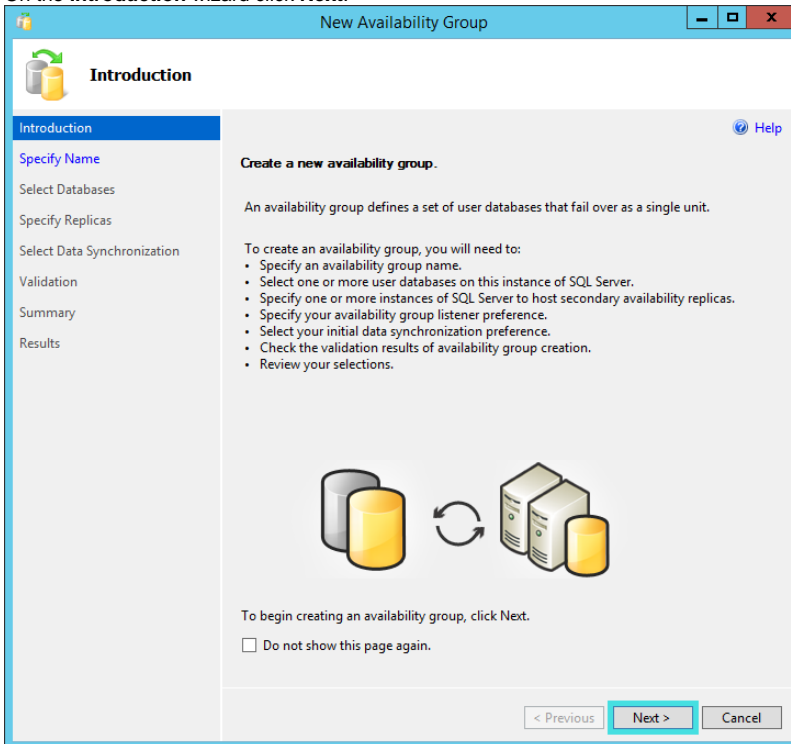
4. Right click on **IderaDashboardRepository**, select **Tasks**, and run a **Full Back up**.



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 'Specify Availability Group Name' step of the 'New Availability Group' wizard. 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 'Select Databases' step of the 'New Availability Group' wizard. 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	<a href="#">Already part of an availability group</a>
<input checked="" type="checkbox"/> IderaDashboardRepository	7.5 MB	<a href="#">Meets prerequisites</a>
<input type="checkbox"/> ReportServer	11.9 MB	<a href="#">Full backup is required</a>
<input type="checkbox"/> ReportServerTempDB	5.1 MB	<a href="#">Full recovery mode is required</a>

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 (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 'Specify your preference for an availability group listener that will provide a client connection point:' with two radio buttons: 'Do not create an availability group listener now' and 'Create an availability group listener' (selected). Below the radio buttons, there is a section 'Specify your listener preferences for this availability group.' with fields for 'Listener DNS Name' (containing 'ListenerAG'), 'Port' (containing '1433'), and 'Network Mode' (a dropdown menu set to 'Static IP'). Below these fields is a table with two columns: 'Subnet' and 'IP Address'. The table contains one row with the values '192.168.9.0/24' and '192.168.9.5'. At the bottom right 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 (highlighted), Validation, Summary, and Results. The main area is titled 'Select your data synchronization preference.' and has three radio buttons: 'Full' (selected), 'Join only', and 'Skip initial data synchronization'. Below the radio buttons, there is a section 'Specify a shared network location accessible by all replicas:' with a text box and a 'Browse...' button. At the bottom of the wizard are '< Previous', 'Next >' (highlighted), 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	<a href="#">Success</a>
✓ Checking shared network location	<a href="#">Success</a>
✓ Checking for free disk space on the server instance that hosts secondary re...	<a href="#">Success</a>
✓ Checking if the selected databases already exist on the server instance that ...	<a href="#">Success</a>
✓ Checking for compatibility of the database file locations on the server insta...	<a href="#">Success</a>
✓ Checking for the existence of the database files on the server instance that ...	<a href="#">Success</a>
✓ Checking the listener configuration	<a href="#">Success</a>
✓ Checking replica availability mode	<a href="#">Success</a>

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.

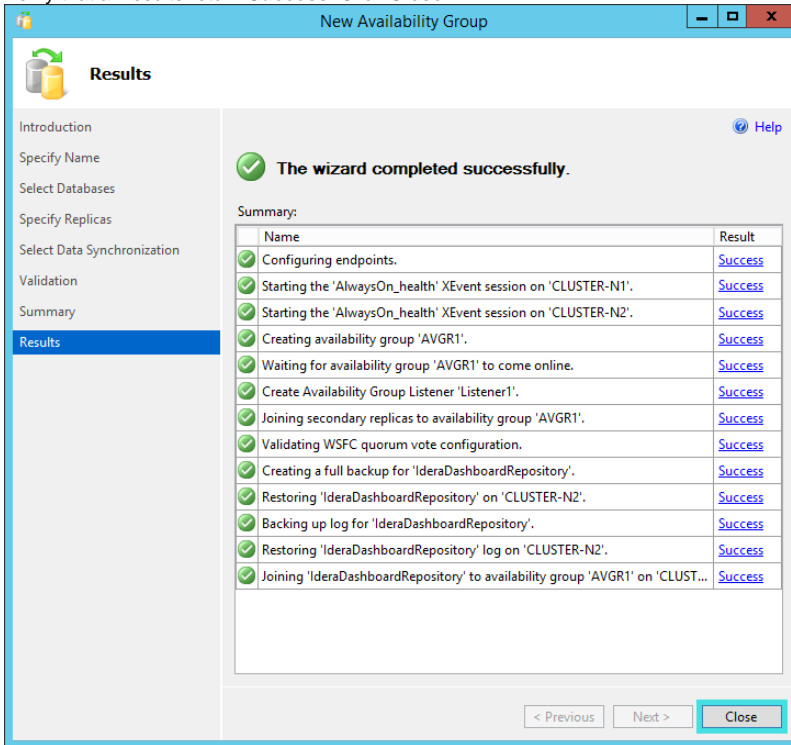
Click Finish to perform the following actions:

- 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.

