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.
- Under Databases, right-click on the IderaDashboardRepository and select properties. On the wizard, select Options and run a Full Recovery model

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

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





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- 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.

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14. Verify that all results return Success. Click Next. _ 🗆 X New Availability Group Ŕ Validation 🕜 Help Introduction Specify Name Results of availability group validation. Select Databases Name Result Checking whether the endpoint is encrypted using a compatible algorithm Specify Replicas Success Checking shared network location Success Select Data Synchronization Checking for free disk space on the server instance that hosts secondary re... Success Validation Checking if the selected databases already exist on the server instance that ... Success Summary Checking for compatibility of the database file locations on the server insta... Checking for the existence of the database files on the server instance that ... Success Results 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 İ Summary Introduction 🕜 Help Specify Name Verify the choices made in this wizard. Select Databases Click Finish to perform the following actions: Specify Replicas - Availability Group: AVGR Select Data Synchronization Primary replica: CLUSTER-N1 Availability Group Listener: ListenerAG Validation Automated backup preference: Secondary Databases IderaDashboardRepository (7.5 MB) Results 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\dvillalobos 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. - x New Availability Group F Results Introduction Help Specify Name The wizard completed successfully. Select Databases Summary: Specify Replicas Name Result Select Data Synchronization Configuring endpoints. Success Validation Starting the 'AlwaysOn_health' XEvent session on 'CLUSTER-N1'. Success Summary Starting the 'AlwaysOn_health' XEvent session on 'CLUSTER-N2'. Success Creating availability group 'AVGR1'. Results Success Waiting for availability group 'AVGR1' to come online. <u>Success</u> Create Availability Group Listener 'Listener1'. Success Joining secondary replicas to availability group 'AVGR1'. Success Validating WSFC quorum vote configuration. Success Creating a full backup for 'IderaDashboardRepository' Success Restoring 'IderaDashboardRepository' on 'CLUSTER-N2'. Success Backing up log for 'IderaDashboardRepository'. Success Restoring 'IderaDashboardRepository' log on 'CLUSTER-N2'. Success Joining 'IderaDashboardRepository' to availability group 'AVGR1' on 'CLUST... Success < Previous Next > Close

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



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