Deploy SQL Diagnostic Manager in a high availability group

This procedure guides you through the installation of SQL Diagnostic Manager in a high availability group. SQL Diagnostic Manager does not support direct installations under this scenario; however, you can deploy the SQL Diagnostic Manager Repository in one of the nodes that belongs to a specific availability group and configure an availability group listener that serves as a global link between nodes.

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Make sure to restart the SQL Diagnostic Manager services, apply the newly-generated license using the Manage Licenses button before attempting to apply the license directly using the Management Console or you may encounter issues.

- 1. Deploy the SQL Diagnostic Manager Repository targeting a node that is part of an availability group. For example, Node 1\Instance A
- 2. Move the SQL Diagnostic Manager Repository to an availability group in the primary replica with Listener Y and port 300 (as example). To review how to create an availability group, see Microsoft document Creating and Configuring a New Availability Group.
- 3. A new license key for Listener Y, Port 300 is required. See Capturing an availability group's listener name and port designation to send your request to IDERA Sales.
- 4. Using the SQLdm Management Service Configuration wizard modify the target repository to Listener Y, port 300.

DERA SQLdm Mana	gement Service Configuration Wizard			
pecify SQLdm Repository Specify the location and credentials used by the Management Service to connect to the Repository.				
to the Rep collection	nation you provide below is used by the Management Service to connect ository. The Management Service writes configuration and scheduled data to the Repository.			
Repository				
Server:	MyDNSSQLDM,916			
Database:	SQLdmRepositoryForAG			
Authentication:	SQL Server Authentication			
User N	ame: sa			
Passw	ord: MXXXXXXM			
Test	Successfully connected to the Repository			
	< Back Next > C	ancel		

5. Save changes, and then restart the SQL Diagnostic Manager services. This process takes approximately 5 minutes.

🔕 Services (Local)					
SQLdm Collection Service (Default)	Name 🔺	Description	Status	Startup Type	Log On As
 Control and a state of the stat	🤹 SQL Server Analysi	Supplies on	Started	Automatic	Local System
Stop the service	🔍 SQL Server Browser	Provides S		Disabled	Local Service
Restart the service	🤹 SQL Server Integra	Provides m	Started	Automatic	Network S
	🤹 SQL Server Reporti	Manages,	Started	Automatic	Local System
Description:	🤹 SQL Server VSS Wri	Provides th	Started	Automatic	Local System
Collects diagnostic metrics from monitored SQL Servers	SQLdm Collection S	Callestadia	Charted	Automatic	simpsons\
noncorea sociativera.	SQLdm Managemen	Start	ted	Automatic	simpsons\
	SQLdm Predictive A	Bausa	ted	Automatic	simpsons\
	🔍 SQLdm Rest Servic	Pause	ted	Automatic	simpsons\
	SSDP Discovery	Resume		Disabled	Local Service
	System Event Notifi	Restart	ted	Automatic	Local System
	🎑 Task Scheduler	All Tasks	ted	Automatic	Local System
	🔍 TCP/IP NetBIOS He 🧟 Telephony	Refresh	ted	Automatic	Local Service
				Manual	Network S
	Se	Properties	6 I	Manual	Local Service
	TP AutoConnect Se			Manual	Local System
	TP VC Gateway Ser	нер		Manual	Local System

- 6. Upon opening the SQL Diagnostic Manager Console, the system recognizes that you are trying to access the selected node without the proper license and throws an error message.
- 7. Click the **Manage Licenses** button of the error message and type the new license for Listener Y, Port 300. Open the SQL Diagnostic Manager Console, go to **Help > Manage Licenses** in the Toolbar menu, and the License Keys window displays. Type the new license key in the available space, and then click Enter.

SQL Diagnostic Manager for SQL Server performance monitoring, alerting, and diagnostics for SQL Server.

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