

# 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.

- ✓ 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.

**IDERA SQLdm Management Service Configuration Wizard**

**Specify SQLdm Repository**

Specify the location and credentials used by the Management Service to connect to the Repository.

The information you provide below is used by the Management Service to connect to the Repository. The Management Service writes configuration and scheduled collection data to the Repository.

Repository

Server: MyDNSSQLDM,916

Database: SQLdmRepositoryForAG

Authentication: SQL Server Authentication

User Name: sa

Password: [Masked]

Test [Green Checkmark] Successfully connected to the Repository

< Back Next > Cancel

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

**Services (Local)**

**SQLdm Collection Service (Default)**

Stop the service  
Restart the service

Description:  
Collects diagnostic metrics from monitored SQL Servers.

Name	Description	Status	Startup Type	Log On As
SQL Server Analysis...	Supplies on...	Started	Automatic	Local System
SQL Server Browser	Provides S...	Stopped	Disabled	Local Service
SQL Server Integra...	Provides m...	Started	Automatic	Network S...
SQL Server Reporti...	Manages, ...	Started	Automatic	Local System
SQL Server VSS Wri...	Provides th...	Started	Automatic	Local System
SQLdm Collection S...	Collects dia...	Started	Automatic	simpsons\...
SQLdm Managemen...		Stopped	Automatic	simpsons\...
SQLdm Predictive A...		Stopped	Automatic	simpsons\...
SQLdm Rest Servic...		Stopped	Automatic	simpsons\...
SSDP Discovery		Stopped	Disabled	Local Service
System Event Notifi...		Stopped	Automatic	Local System
Task Scheduler		Stopped	Automatic	Local System
TCP/IP NetBIOS He...		Stopped	Automatic	Local Service
Telephony		Stopped	Manual	Network S...
Thread Ordering Se...		Stopped	Manual	Local Service
TP AutoConnect Se...		Stopped	Manual	Local System
TP VC Gateway Ser...		Stopped	Manual	Local System

Start  
Stop  
Pause  
Resume  
Restart  
All Tasks  
Refresh  
Properties  
Help

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.