

Amazon RDS Discovery

SQL Diagnostic Manager Discovery finds all the Servers associated with your Amazon Profile credentials, which allows you to easily add your Amazon RDS servers.

1. Right-click **All Servers** located on the SERVERS side screen
2. Select **Manage Servers** adding a new server
3. Under the Manager Server window, select the **Add** option
4. In the Welcome Add Servers Wizard, click **next**.
5. Select SQL Server Authentication and enter your credentials.

The screenshot shows the 'Add Servers Wizard' dialog box, specifically the 'Configure Authentication' step. The title bar reads 'Add Servers Wizard'. Below the title bar, the section 'Configure Authentication' is highlighted. A sub-header states: 'Select the authentication mode and credentials SQL Diagnostic Manager should use when collecting diagnostic data from the monitored SQL Server instances.' An information icon (i) is present next to a paragraph explaining that SQL Server instances are added in groups based on the authentication mode, and that diagnostic data is collected by the SQL Diagnostic Manager Collection Service. It notes that if Windows Authentication is chosen, the account the SQL Diagnostic Manager Collection Service is running as will be used to connect to monitored SQL Servers.

Under the heading 'Connect using:', there are two radio button options:

- ☐ Windows Authentication
- ☒ SQL Server Authentication

 Below these options are two text input fields:

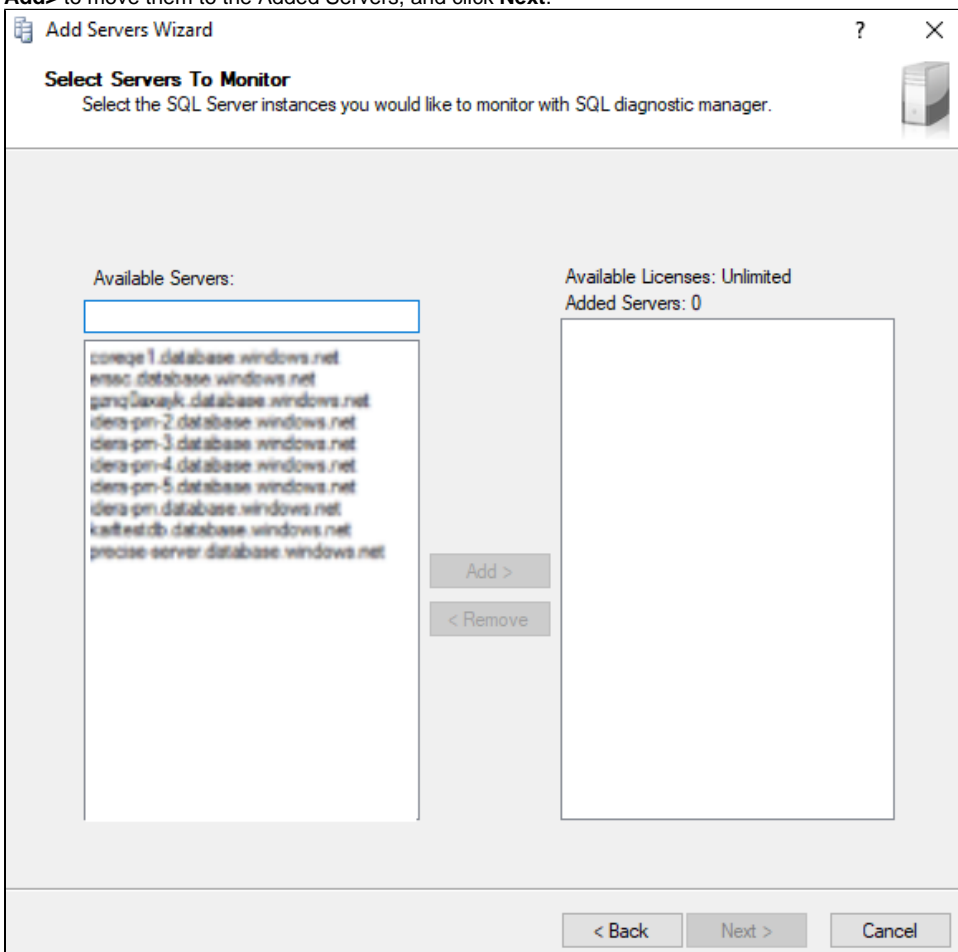
- 'Login name:' with the text 'sqldev' entered.
- 'Password:' with masked characters '••••••••'.

 There is a checkbox labeled 'Enable Azure Discovery Settings' which is currently unchecked. Below this is a section titled 'Advanced Encryption Options' containing two unchecked checkboxes:

- ☐ Encrypt Connection
- ☐ Trust Server Certificate (bypass certificate validation)

 At the bottom of the main content area is a button labeled 'Azure Discovery Settings'. The bottom of the dialog box features three buttons: '< Back', 'Next >', and 'Cancel'.

- Click **Next**. The result of your research should be all the servers found, check the image below. Select the servers you want to add, click **Add>** to move them to the Added Servers, and click **Next**.



7. Select the Amazon RDS SQL Server (RDS SQL) Server Type and click **Next**.

Add Servers Wizard ? X

Select the server type for the added servers
Configure the type of server for each of the added SQL Server instances.

Server Name	Server Type	AWS RDS Access Key	AWS RDS Secret Key
sqldevrds.czvft	Amazon RDS SQL Server (RDS SQL)		

Amazon RDS SQL Server (RDS SQL)

Microsoft Azure SQL Database (AzureDB)

Linux

Windows

Microsoft Azure SQL Managed Instance

< Back Next > Cancel

8. Configure the collection interval and SQLDM features in the Configure SQL Diagnostic Manager Collection, and click **Next**.

Add Servers Wizard [?] [X]

Configure SQL Diagnostic Manager Collection
Configure the collection interval and SQL Diagnostic Manager features that should be enabled for the monitored SQL Server instances.

Data Collection
Collect diagnostic data and raise alerts every minutes.

Features

☒ Enable the Query Monitor

☐ SQL Server 2000 and 2005
☒ SQL Server 2008 +

Types of poorly-performing queries to capture:

☒ Capture SQL batches
☒ Capture SQL statements
☒ Capture stored procedures and triggers

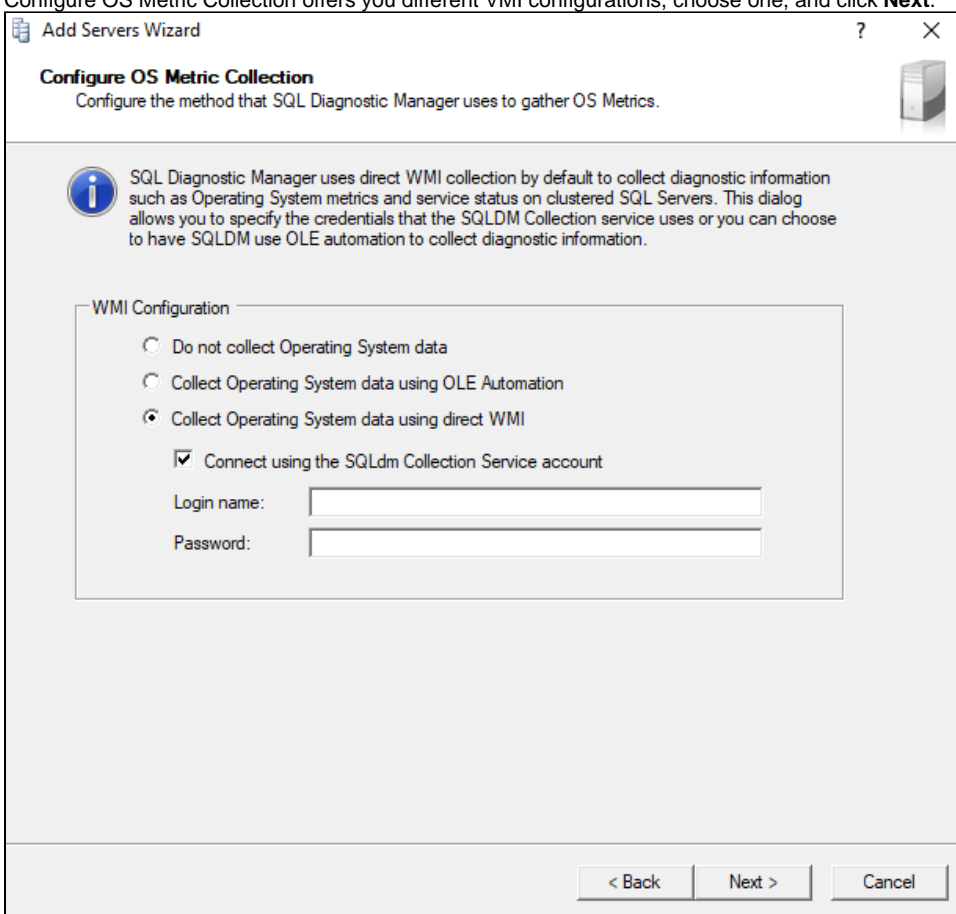
Configure the following thresholds to define poorly-performing queries:

Duration (milliseconds):
CPU usage (milliseconds):
Logical disk reads:
Physical disk writes:

Select Top Plans by


< Back Next > Cancel

9. Configure OS Metric Collection offers you different VMI configurations, choose one, and click **Next**.



Add Servers Wizard ? X

Configure OS Metric Collection
Configure the method that SQL Diagnostic Manager uses to gather OS Metrics.

 SQL Diagnostic Manager uses direct WMI collection by default to collect diagnostic information such as Operating System metrics and service status on clustered SQL Servers. This dialog allows you to specify the credentials that the SQLDM Collection service uses or you can choose to have SQLDM use OLE automation to collect diagnostic information.

WMI Configuration

☐ Do not collect Operating System data

☐ Collect Operating System data using OLE Automation

☒ Collect Operating System data using direct WMI

☒ Connect using the SQLdm Collection Service account

Login name:

Password:

< Back Next > Cancel

10. Finally, SQL Diagnostic Manager offers you Alert Templates and Tags for better Server management. By default, the Amazon RDS DBaaS Template is selected, set the alert template and tag of your preference, and click **Finish**.

The screenshot shows the 'Add Servers Wizard' dialog box with the title 'Add Servers Wizard' and a close button. The main heading is 'Select Alert Template and Tags'. Below the heading is a descriptive text: 'Select the Alert Template that you would like to use for the added SQL Server instances. Also select the tags you would like to associate with the monitored SQL Servers instances.' There are two main sections: 'Alert Templates' and 'Tags'. The 'Alert Templates' section contains a dropdown menu with 'Amazon RDS DBaaS Template' selected. The 'Tags' section contains a text box with the instruction 'Click the Add Tag button to create a tag.' and an 'Add Tag...' button. At the bottom of the dialog are three buttons: '< Back', 'Finish', and 'Cancel'.

Add Servers Wizard

Select Alert Template and Tags

Select the Alert Template that you would like to use for the added SQL Server instances. Also select the tags you would like to associate with the monitored SQL Servers instances.

Alert Templates

Alert templates are used to collectively set the conditions or thresholds that will trigger SQL Diagnostic Manager to raise alerts. Alert templates are used to set the initial threshold levels for the new monitored SQL Server instances. The thresholds for individual metrics can also be altered for individual servers from the Configure Alerts window accessible from the server tree on the main product page.

Amazon RDS DBaaS Template

Tags

Tags allow you to manage SQL Diagnostic Manager in a manner that works best for your organization. Once you've created a tag, you can associate it with monitored servers, custom counters and permissions. You can also add more than one tag to an item. These tags are available throughout SQLDM for tasks such as filtering server views and dynamically administering custom counters and application security.

Click the Add Tag button to create a tag.

Add Tag...

< Back Finish Cancel



For more information about Alert Templates and Tags, visit [Select an alert template and tags](#) and [Configure alert templates](#).