How to manage discovery options

You can specify those computers where you want SQL Inventory Manager to discover SQL Server instances. The **Manage Discovery Options** allows you to specify not only those computers where you want the discovery to be performed but you can also choose which methods you want to use to search in each computer.

To configure these options, go to Manage Discovery Options on the Administration tab.

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DASHBOARD SQLINVENTORYMANAGER(SIM181)					
OVERVIEW EXPLORER INSTANCES	Search Go				
ADMINISTRATION					
Users Give users permission to use SQL Inventory Manager. Grant access to individual servers and subscribe to alerts using the Manage Users action. Manage Users	Licensing A license is required to access SQL Inventory Manager features. View license status and add a license key using the Manage License action. Manage License				
Instances SQL Inventory Manager monitors SQL Server instances and their host computers. Add instances to be monitored using the Add SQL Server Instance action. Add SQL Server Instances Import SQL Servers	Tags Tags are used in SQL Inventory Manager to group SQL Servers and help you organize your managed instances. Create, view, edit and delete tags and their associated instances using the Manage Tags action. Manage Tags				
Alert Emails SQL Inventory Manager can send email alerts to inform users about critical issues such as availability problems. To receive alert emails, you must configure alerting to use an email server available on your network and sign up to receive alert emails. Configure email (SMTP) settings Subscriptions for All Users Health Checks SQL Inventory Manager performs health checks against your monitored instances. You can control at a global	Discovery SQL Inventory Manager automatically discovers instances on your network. You can trigger instance discovery manually below. You can also configure SQL Inventory Manager to automatically monitor all newly discovered instances. Manage Discovery Options Auto Registration Options Discover Instances Manage Discovery Credentials Discovery Status Custom Inventory Fields				
Sec. Inventory manager perform fream checks against your monitored instances, rou can control at a global level whether health checks are performed. Note that disabling a health check will also stop alert emails from being sent for the health check. Manage Health Checks	Add, remove, or edit custom fields to be attached to Servers, Instances, and Databases in your environment. Manage Custom Inventory Fields				

What options can you set for Discovery?

Configure Browse service and Computer scan

You can set your preferred schedule for a Browser service scan and Computer scan. SQL Inventory Manager uses the Browser service scan to run the general discovery of SQL Server instances while the Computer scan is used to obtain a list of machines based on IP ranges or domains.

You can set the schedule of your preference (Daily, Weekly) for any of the mentioned scans. If you choose a Daily schedule, then set the specific time for the discovery job. if you set a Weekly schedule, specify the days of the week and the time when the scan will be performed.

Add IP address ranges for discovery

Use this section to specify those IP address ranges where SQL Inventory Manager will run scheduled discovery jobs. On this section you can:

- Click Add and enter the IP address ranges that you want SQL Inventory Manager to take into account for discovery jobs. You need to specify the type of account that SQL Inventory Manager will use to gather host computer information. Select Enable on those IP address ranges where SQL Inventory Manager will run the scheduled jobs.
- Click Edit to change the IP address ranges you entered before to edit their credentials, the IP range information, or enable/disable them for scheduled jobs.
- Click Remove to delete any available IP address ranges.
- Additionally, you can select those IP addresses where you want to run an immediate scan. After selecting your IP addresses, click Run Scan Now.

Add Domains for discovery

The Manage Discovery Options allows you to add domains for discovering SQL Server instances. Go to the Domains section, click **Add**, and specify DNS Name, the domain name with the account that will be used to connect to this domain (User and Password). Select **Enable** if you want SQL Inventory Manager to use the domain for running scheduled jobs.

You can Edit/Remove the domains you entered before. You can also select those domains that you want to scan immediately by clicking Run Scan Now.

Specify alternate credentials to use during the scan

SQL Inventory Manager allows you to specify multiple sets of credentials to attempt to use during instance discovery. Click **Manage Discovery Credentials** to add one or more user accounts to attempt to connect to an instance. List the credentials in the order in which you want SQL Inventory Manager to use.

Specify scan methods and display options

Choose the methods you want to you use when scanning each computer for SQL Server instances. SQL Inventory Manager allows you to choose from:

- SQL Server Resolution Service
- Service Control Manager
- WMI
- TCP Ports
- Windows Registry

You can select more than one scan method.

When you select TCP Probe, you have to specify the ports that SQL Inventory Manager will use to scan.

Choose the way you want SQL Inventory Manager to display the results. Options include:

- Show instances discovered by at least two discovery methods
 Discover instances whose SQL Server version has been validated

·☆́· Tips	Manage Discovery Options		? X			
Specify computers to check for SQL Servers via one of the following methods: • IP Ranges • Domains	Browser service scan					
	Run Daily 🔻 at 8PM 🔻					
	Computer Scan					
Specify alternate credentials to be used during a scan using Manage Discovery Credentials. For each IP range or domain, you may specify a strack or multiple account to be	Run Off 🔻	Domains				
	Add Edit Remove Run Scan Now	Add Edit Remove Run Scan Now				
attempt.	IP Range User	🔲 Domain 🛛 U	ser			
Choose the methods you use to search each computer: • SQL Server Resolution	10.220.200.25- 10.220.200.111	dev d	lev\administrator			
 TCP Ports WMI Enumeration Windows Registry Service Control Manager 	Specify optional alternate credentials to attempt during the scan Manage Discovery Credentials Check computers using the following scans					
For TCP Port scans, select the ports for SQL Inventory Manager to test.	☑ SQL Server Resolution Service	✓ TCP Probe				
	Service Control Manager	Windows Registry				
	✓ WMI					
	Discovered Instances display options					
	□ Only show instances discovered by at least two methods.					
	\Box Only show instances whose SQL Server version can be validated.					
	Specify the ports to use during TCP Probe					
	1433,2433					
		S	AVE CLOSE			

Take into account that when executing WMI scans on large IP ranges, a No buffer Available Space exception may occur. For more information about this, click here.

Need more help? Search the Idera Customer Support Portal.

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