

Required accounts and permissions

Required Accounts and Permissions

SQL Elements connects to registered SQL Server instances and their host computers to collect information. The collection service requires permissions to connect and gather information using SQL and WMI connection credentials.

Depending on the level of access and actions you want SQL Elements to perform on your environment, you should check you have the following permissions in each account:

Account	Action	Permissions required
Windows User Account	To install SQL Elements components	Windows Administrator permission on the Target computer
	To create and access the SQL Elements repository databases	<ul style="list-style-type: none">• Create Database Rights on the target SQL Server Instance• Read and write privileges on the SQL Elements Repository Databases
SQL Server login account	For most SQL queries	VIEW SERVER STATE VIEW ANY DATABASE VIEW ANY DEFINITION
	To monitor database information	ALTER ANY DATABASE server level permission or CREATE DATABASE in the master database
	For DBCC CHECKDB	sysadmin server roles
WMI account	To access remote WMI data	Additional rights on a group that has been given remote access

Discovery scan permissions requirements

Discovery Scan	Permissions
WMI	User should be member of Performance Monitor Users group, and this group should have permissions to Remote access <code>ROOT\cim2</code> namespace on targeting machines.
Registry Check	Access the computer from the network, Remote access to the registry, Remote Registry Service must be running on targeting machine and user must be granted access to "SYSTEM\CurrentControlSet\Services" and "SYSTEM\CurrentControlSet\Services" subkey's.
Service Control Manager	Users should have <code>GENERIC_READ</code> , <code>SC_MANAGER_CONNECT</code> , <code>SC_MANAGER_ENUMERATE_SERVICE</code> rights.
TCP Probe	No additional permission required.
SQL Server Resolution Service	No additional permission required.



Tip

Idera suggests that you provide SQL connection credentials with "sysadmin" server roles if you want to be able to collect all information from your environment.



For more information on how to solve connection problems with WMI, click [here](#).