

WMI Connectivity Issues

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Test Windows Management Instrumentation Connectivity

You can use the Windows Management Instrumentation Tester (WBEMTEST) to test connectivity between a server and a client machine and determine if Windows Management Instrumentation (WMI) access is restricted on a remote host.

WBEMTEST is a native Windows utility included with the Microsoft Windows Server operating system.

To test WMI connectivity:

1. From the Windows Start menu, open **Run**.
2. Enter 'wbemtest' and click OK to open the Windows Management Instrumentation Tester.
3. Click **Connect**.
4. In the **Namespace** field, enter the name of the remote server to which you want to connect.

```
\\<RemoteServerName>\root\default
```

Connect

Namespace: \\<RemoteServerName>\root\default

Connection:

Using: WbemLocator (Namespaces)

Returning: WbemServices Completion: Synchronous

Credentials:

User: <DOMAIN>\<username>

Password: *****

Authority:

Locale:

How to interpret empty password:

NULL Blank

Impersonation level:

Identify Impersonate Delegate

Authentication level:

None Packet Connection Packet integrity Call Packet privacy

5. In the Credentials section, enter User, Password and Authority details. The user must have access to the remote server.
6. Click **Connect**.

If the connection is successful, the IWbem Services section will no longer be greyed out.

No Such Interface Supported Error

A **No such interface supported** error may be thrown by the local Windows Management Instrumentation (WMI) Service if you attempt to access functions from a host that blocks WMI requests or where there is a firewall between hosts. You can use the Windows Management Instrumentation Tester (WBEMTEST) to check if WMI access is being restricted on a remote host.

Recast

To verify the error:

1. From the Windows Start menu, open **Run**.
2. Enter 'wbemtest' and click **OK** to open the Windows Management Instrumentation Tester.
3. Click **Connect**.
4. In the **Namespace** field, enter `\\<HOSTNAME>\root\cimv2`, where HOSTNAME is the name of the remote server throwing the error. If either device is on a different domain or within a workgroup, specify administrator credentials for the domain or remote computer.
5. Click **Connect**. If WMI access is restricted, the **No such interface supported** error should appear.

For more information about WMI setup, see:

- [Setting up a Remote WMI Connection – Win32 apps | Microsoft Learn](#)
 - [Setting Up a Fixed Port for WMI – Win32 apps | Microsoft Learn](#)
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