

## Quick Reference for Server Core Installations (R2 edition)

Print and fold this guide to have convenient access to common commands and procedures for configuring and maintaining Server Core installations of Windows Server® 2008 R2.

Task	Command
Join a computer to a domain	<ol style="list-style-type: none"> <li>Type: <b>netdom join %computername% /domain:&lt;domain&gt; /userd:&lt;domain&gt;\&lt;username&gt; /password:*</b></li> <li>Restart the computer.</li> </ol>
Change a computer name in a domain	Type: <b>netdom renamecomputer %computername% /NewName:&lt;new computer name&gt; /userd:&lt;domain\username&gt; /password:*</b>
Change a computer name in a workgroup	Type: <b>netdom renamecomputer &lt;currentcomputername&gt; /NewName:&lt;newcomputername&gt;</b>
Activate a server locally	<b>Slmgr.vbs -ipk&lt;productkey&gt;</b> , then <b>Slmgr.vbs -ato</b>

Task	Command
Activate a server remotely	<ol style="list-style-type: none"> <li><b>Slmgr.vbs -ipk &lt;servername&gt; &lt;username&gt; &lt;password&gt;</b></li> <li><b>Slmgr.vbs -did &lt;servername&gt; &lt;username&gt; &lt;password&gt;</b>, note GUID</li> <li><b>Slmgr.vbs -dli &lt;servername&gt; &lt;username&gt; &lt;password&gt; &lt;GUID&gt;</b></li> <li>Verify that License status is set to <b>Licensed (activated)</b>.</li> </ol>
Configure your server to use a proxy server	<b>Netsh Winhttp set proxy &lt;servername&gt;:&lt;port number&gt;</b> <b>Note:</b> You cannot access the Internet through proxy servers that require a password to allow connections.
Install an update	<b>Wusa &lt;update&gt;.msu /quiet</b>
Remove an update	<ol style="list-style-type: none"> <li><b>Expand /f:* &lt;update&gt;.msu c:\test</b></li> <li>In C:\test, open &lt;update&gt;.xml in a text editor.</li> <li>In &lt;update&gt;.xml, replace <b>Install</b> with <b>Remove</b> and save the file.</li> <li><b>Pkgmgr /n:&lt;update&gt;.xml</b></li> </ol>
Configure automatic updates	To verify updates: <b>cscript scregedit.wsf /AU /v</b> To enable updates: <b>cscript scregedit.wsf /AU 4</b> To disable updates: <b>cscript scregedit.wsf /AU 1</b>

Task	Command
Change to a static IP address	<ol style="list-style-type: none"> <li>Type <b>ipconfig /all</b> and record relevant information or redirect to a text file (<b>ipconfig /all &gt;ipconfig.txt</b>).</li> <li>Type <b>netsh interface ipv4 show interfaces</b> and verify that there is an interface list.</li> <li>Type: <b>netsh interface ipv4 set address name &lt;ID from interface list&gt; source=static address=&lt;preferred IP address&gt; gateway=&lt;gateway address&gt;</b></li> <li>Verify the change by typing <b>ipconfig /all</b>. Check that <b>DHCP enabled</b> is set to <b>No</b>.</li> </ol>
Manage roles and features	View roles/features: <b>Dism /online /get-features /format:table</b> Enable role/feature: <b>Dism /online /enable-feature /featurename:&lt;name from get-features&gt;</b> Disable role/feature: <b>Dism /online /disable-feature /featurename:&lt;name from get-features&gt;</b>

Task	Command
Add a driver for a new hardware device	<ol style="list-style-type: none"> <li>Copy the driver to a folder at %homedrive%\&lt;driver folder&gt;.</li> <li>Type: <b>pnputil -i -a %homedrive%\&lt;driver folder&gt;\&lt;driver&gt;.inf</b></li> </ol>

### Remote administration of a firewall

- To enable remote administration, type: **netsh advfirewall firewall set rule group="Windows Firewall Remote Management" new enable=yes**
- To allow all Microsoft Management Console (MMC) snap-ins to connect, type: **netsh advfirewall firewall set rule group="remote administration" new enable=yes**
- To allow specific MMC snap-ins to connect, type: **netsh advfirewall firewall set rule group="<rulegroup>" new enable=yes**
- To get a list of rule groups, type: **netsh advfirewall firewall show rule name=all**

For complete Server Core installation commands and procedures, see <http://go.microsoft.com/fwlink/?LinkID=100959>.