

## Netsh commands for RPC

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### Netsh commands for RPC

The Netsh commands for RPC provide a command-line tool that you can use to change, reset, or display either specified or all subnet and interface settings.

*Interface* refers to an IPv4 address that is active on the computer and has a network adapter associated with it. *Subnet* refers to a set of zero or more interfaces that resolve to the same subnet address when applied with the appropriate mask.

You can run the Netsh RPC commands from the command prompt for the **netsh rpc** context. For these commands to work at the Windows Server 2003 family command prompt, you must type **netsh rpc** before typing commands and parameters as they appear in the syntax below.

For more information about **netsh**, see [Netsh overview](http://technet2.microsoft.com/WindowsServer/en/library/61427fbd-de1f-4c8a-b613-321f7a3cca6a1033.mspx) [http://technet2.microsoft.com/WindowsServer/en/library/61427fbd-de1f-4c8a-b613-321f7a3cca6a1033.mspx] and [Enter a netsh context](http://technet2.microsoft.com/WindowsServer/en/library/d9b4eed7-f79b-4daf-8c22-ffd9428ddea51033.mspx) [http://technet2.microsoft.com/WindowsServer/en/library/d9b4eed7-f79b-4daf-8c22-ffd9428ddea51033.mspx] .

To view the command syntax, click a command:

- [add](#)
- [delete](#)
- [show interfaces](#)
- [show settings](#)
- [reset](#)

### add

This command adds specified subnets. Each subnet must be in dotted-decimal format (for example, 192.168.255.255).

#### Syntax

```
add Subnet1[Subnet2]
```

#### Parameters

##### *Subnet1*

Required. Specifies the first subnet in the list of added subnets.

##### [ *Subnet2* ]

Specifies the second subnet in the list of added subnets.

##### /?

Displays help at the command prompt.

#### Examples

The following example adds two interfaces with subnet addresses of 192.168.255.255 and 172.16.1.0.

```
add 192.168.255.255 172.16.1.0
```

## delete

This command deletes specified subnets. Each subnet must be in dotted-decimal format (for example, 192.168.255.255).

### Syntax

```
delete Subnet1[Subnet2]
```

### Parameters

#### *Subnet1*

Required. Specifies the first subnet in the list of deleted subnets.

#### [ *Subnet2* ]

Specifies the second subnet in the list of deleted subnets.

#### /?

Displays help at the command prompt.

### Examples

The following example deletes two interfaces with subnet addresses of 192.168.255.255 and 172.16.1.0.

```
delete 192.168.255.255 172.16.1.0
```

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## show interfaces

This command displays all interfaces and the state of each (enabled or disabled) on the computer, grouped by subnet.

### Syntax

```
show interfaces
```

### Parameters

#### /?

Displays help at the command prompt.

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## show settings

This command displays the selective binding settings for each subnet. Setting values are **none**, **add list**, or **delete list**. If the selective binding settings are either **add list** or **delete list**, then the associated subnets are also displayed.

### Syntax

```
show settings
```

### Parameters

#### /?

Displays help at the command prompt.

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## reset

This command sets the selective binding settings to **none**, which specifies that RPC listens on all interfaces.

## Syntax

reset

## Parameters

*/?*

Displays help at the command prompt.

## Note

- To run all of these commands (with the exception of **show settings**), you must either have administrative credentials or be a user with permission to write to the **HKEY\_LOCAL\_MACHINE** registry key.

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## Formatting legend

Format	Meaning
<i>Italic</i>	Information that the user must supply
<b>Bold</b>	Elements that the user must type exactly as shown
Ellipsis (...)	Parameter that can be repeated several times in a command line
Between brackets ([ ])	Optional items
Between braces ({}); choices separated by pipe ( ). Example: {even odd}	Set of choices from which the user must choose only one
<b>Courier font</b>	Code or program output

## Related Links

- [Netsh overview](#)
- [Command shell overview](#)

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