



Windows PowerShell Get-Help on Cmdlet 'Get-WSManCredSSP'

PS:\>Get-HELP Get-WSManCredSSP -Full

NAME

Get-WSManCredSSP

SYNOPSIS

Gets the Credential Security Support Provider-related configuration for the client.

SYNTAX

Get-WSManCredSSP [<CommonParameters>]

DESCRIPTION

The `Get-WSManCredSSP` cmdlet gets the Credential Security Support Provider-related configuration of the client and the server. The output indicates whether

Credential Security Support Provider (CredSSP) authentication is enabled or disabled. This cmdlet also displays configuration information for the

AllowFreshCredentials policy of CredSSP.

When you use CredSSP authentication, the user credentials are passed to a remote computer to be authenticated. This type of authentication is designed for commands

that create a remote session from another remote session. For example, if you want to run a background job on a remote computer, use this kind of authentication.

The cmdlet performs the following actions:

- Gets the WS-Management CredSSP setting on the client (`<localhost|computername>\Client\Auth\CredSSP``). - Gets the Windows CredSSP policy setting

- `AllowFreshCredentials` . - Gets the WS-Management CredSSP setting on the server (`<localhost|computername>\Service\Auth\CredSSP``).

> [!CAUTION] > CredSSP authentication delegates the user credentials from the local computer to a remote > computer. This practice increases the security risk of the remote operation. If the remote > computer is compromised, when credentials are passed to it, the credentials can be used to control > the network session.

PARAMETERS

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see [about_CommonParameters \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

None

You can't pipe objects to this cmdlet.

OUTPUTS

System.String

This cmdlet returns a message string describing the configuration state for CredSSP.

NOTES

To disable CredSSP authentication, use the ``Disable-WSManCredSSP`` cmdlet. To enable CredSSP authentication, use the ``Enable-WSManCredSSP`` cmdlet.

----- Example 1: Display CredSSP configuration -----

`Get-WSManCredSSP`

This command displays CredSSP configuration information for both the client and server.

The output identifies that this computer is or is not configured for CredSSP.

If the computer is configured for CredSSP, this is the output:

```
`The machine is configured to allow delegating fresh credentials to the following target(s):  
wsman/server02.accounting.fabrikam.com`
```

If the computer is not configured for CredSSP, this is the output:

```
`The machine is not configured to allow delegating fresh credentials.`
```

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/microsoft.wsman.management/get-wsmancredssp?view=powershell-5.1&WT.mc_id=ps-gethelp

`Connect-WSMan`

`Disable-WSManCredSSP`

`Disconnect-WSMan`

`Enable-WSManCredSSP`

`Get-WSManInstance`

`Invoke-WSManAction`

New-WSManInstance

New-WSManSessionOption

Remove-WSManInstance

Set-WSManInstance

Set-WSManQuickConfig

Test-WSMan