Windows PowerShell Get-Help on Cmdlet 'Enable-PSSessionConfiguration'

PS:\>Get-HELP Enable-PSSessionConfiguration -Full

NAME

Enable-PSSessionConfiguration

SYNOPSIS

Enables the session configurations on the local computer.

SYNTAX

Enable-PSSessionConfiguration [[-Name] <System.String[]>] [-Force] [-NoServiceRestart] [-SecurityDescriptorSddl <System.String>] [-SkipNetworkProfileCheck] [-Confirm]

[-WhatIf] [<CommonParameters>]

DESCRIPTION

The `Enable-PSSessionConfiguration` cmdlet enables registered session configurations that have been disabled, such as by using the `Disable-PSSessionConfiguration` or

`Disable-PSRemoting` cmdlets, or the AccessMode parameter of `Register-PSSessionConfiguration`. This is an advanced cmdlet that is designed to be used by system

administrators to manage customized session configurations for their users.

Without parameters, `Enable-PSSessionConfiguration` enables the Microsoft.PowerShell configuration, which is the default configuration that is used for sessions.

`Enable-PSSessionConfiguration` removes the Deny_All setting from the security descriptor of the affected session configurations, turns on the listener that accepts

requests on any IP address, and restarts the WinRM service. Beginning in PowerShell 3.0, `Enable-PSSessionConfiguration` also sets the value of the Enabled property

of the session configuration (`WSMan:<computer>\PlugIn<SessionConfigurationName>\Enabled`) to True. However, `Enable-PSSessionConfiguration` does not remove or change

the Network_Deny_All (`AccessMode=Local`) security descriptor setting that allows only users of the local computer to use to the session configuration.

PARAMETERS

-Force <System.Management.Automation.SwitchParameter>

Indicates that the cmdlet does not prompt you for confirmation, and restarts the WinRM service without prompting. Restarting the service makes the configuration

change effective.

To prevent a restart and suppress the restart prompt, use the NoServiceRestart parameter.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String[]>

Specifies the names of session configurations to enable. Enter one or more configuration names. Wildcard characters are permitted.

You can also pipe a string that contains a configuration name or a session configuration object to `Enable-PSSessionConfiguration`.

If you omit this parameter, `Enable-PSSessionConfiguration` enables the Microsoft.PowerShell session configuration.

Required? false

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? true

-NoServiceRestart <System.Management.Automation.SwitchParameter>

Indicates that the cmdlet does not restart the service.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-SecurityDescriptorSddl <System.String>

Specifies a security descriptor with which this cmdlet replaces the security descriptor on the session configuration.

If you omit this parameter, `Enable-PSSessionConfiguration` only deletes the deny all item from the security descriptor.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SkipNetworkProfileCheck <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet enables the session configuration when the computer is on a public network. This parameter enables a firewall rule for public networks

that allows remote access only from computers in the same local subnet. By default, `Enable-PSSessionConfiguration`

fails on a public network.

This parameter is designed for client versions of the Windows operating system. Server versions of the Windows operating system have a local subnet firewall rule

for public networks. However, if the local subnet firewall rule is disabled on a server version of the Windows operating system, this parameter re-enables it.

To remove the local subnet restriction and enable remote access from all locations on public networks, use the `Set-NetFirewallRule` cmdlet in the NetSecurity

module. For more information, see `Enable-PSRemoting`.

This parameter was introduced in PowerShell 3.0.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

<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).

INPUTS

Microsoft.PowerShell.Commands.PSSessionConfigurationCommands#PSSessionConfiguration

You can pipe a session configuration object to this cmdlet.

System.String

You can pipe a string that contains the name of a session configuration to this cmdlet.

OUTPUTS

None

This cmdlet returns no output.

NOTES

To use this cmdlet, you must start PowerShell by using the Run as administrator option.

---------- Example 1: Re-enable the default session ----------

Enable-PSSessionConfiguration

---------- Example 2: Re-enable specified sessions ----------

Enable-PSSessionConfiguration -Name MaintenanceShell, AdminShell

---------- Example 3: Re-enable the all sessions ----------

Enable-PSSessionConfiguration -Name *

Get-PSSessionConfiguration | Enable-PSSessionConfiguration

`Enable-PSSessionConfiguration` does not generate an error if you enable a session configuration that is already enabled.

Example 4: Re-enable a session and specify a new security descriptor

$sddl = "O:NSG:BAD:P(A;;GXGWGR;;;BA)(A;;GAGR;;;S-1-5-21-123456789-188441444-3100496)S:P"

Enable-PSSessionConfiguration -Name MaintenanceShell -SecurityDescriptorSDDL $sddl

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/microsoft.powershell.core/enable-pssessionconfiguration?view=powershell-5.1&WT.mc_id=ps-gethelp

Disable-PSSessionConfiguration

Get-PSSessionConfiguration

New-PSSessionConfigurationFile

New-PSSessionOption

Register-PSSessionConfiguration

Set-PSSessionConfiguration

Test-PSSessionConfigurationFile

Unregister-PSSessionConfiguration

WSMan Provider

about_Session_Configurations