



## ***Windows PowerShell Get-Help on Cmdlet 'Get-PSSessionCapability'***

***PS:\>Get-HELP Get-PSSessionCapability -Full***

### NAME

Get-PSSessionCapability

### SYNOPSIS

Gets the capabilities of a specific user on a constrained session configuration.

### SYNTAX

Get-PSSessionCapability [-ConfigurationName] <System.String> [-Username] <System.String> [-Full]

[<CommonParameters>]

### DESCRIPTION

The 'Get-PSSessionCapability' cmdlet gets the capabilities of a specific user on a constrained session configuration. Use this cmdlet to audit customized session configurations for users.

Starting in Windows PowerShell 5.0, you can use the RoleDefinitions property in a session configuration (.pssc) file. Using this property lets you grant users

different capabilities on a single constrained endpoint based on group membership. The 'Get-PSSessionCapability' cmdlet

cmdlet reduces complexity when auditing these endpoints by letting you determine the exact capabilities granted to a user.

By default, the ``Get-PSSessionCapability`` cmdlet returns a list of commands the specified user can run in the specified endpoint. This is equivalent to the user

running ``Get-Command`` in the specified endpoint. When run with the `Full` parameter, this cmdlet returns an `InitialSessionState` object. This object contains details

about the Windows PowerShell runspace the specified user would interact with for the specified endpoint. It includes information such as Language Mode, Execution

Policy, and Environmental Variables.

## PARAMETERS

`-ConfigurationName <System.String>`

Specifies the constrained session configuration (endpoint) that you are inspecting.

Required? true

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? false

`-Full <System.Management.Automation.SwitchParameter>`

Indicates that this cmdlet returns the entire initial session state for the specified user at the specified constrained endpoint.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

`-Username <System.String>`

Specifies the user whose capabilities you are inspecting.

Required?	true
Position?	1
Default value	None
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

## OUTPUTS

System.Management.Automation.AliasInfo

System.Management.Automation.FunctionInfo

System.Management.Automation.Runspaces.InitialSessionState

## NOTES

```
Get-PSSessionCapability -ConfigurationName Endpoint1 -Username 'CONTOSO\User'
```

This example returns the commands available to the user CONTOSO\User when connecting to the Endpoint1 constrained endpoint on the local computer.

----- Example 2: Get details about a runspace for a user -----

```
Get-PSSessionCapability -ConfigurationName Endpoint1 -Username 'CONTOSO\User' -Full
```

This example returns details about the runspace the user CONTOSO\User would interact with when connecting to the Endpoint1 constrained endpoint.

## RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/microsoft.powershell.core/get-pssessioncapability?view=powershell-5.1&WT.mc\\_id=ps-gethelp](https://learn.microsoft.com/powershell/module/microsoft.powershell.core/get-pssessioncapability?view=powershell-5.1&WT.mc_id=ps-gethelp)

New-PSRoleCapabilityFile