



python



PowerShell

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PowerShell Get-Help on command 'Get-PSSessionCapability'

PS C:\Users\wahid> Get-Help Get-PSSessionCapability

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 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.

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

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

`-Username <System.String>`

Specifies the user whose capabilities you are inspecting.

`<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>).

----- Example 1: Get commands available for a user -----

```
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.

REMARKS

To see the examples, type: "get-help Get-PSSessionCapability -examples".

For more information, type: "get-help Get-PSSessionCapability -detailed".

For technical information, type: "get-help Get-PSSessionCapability -full".

For online help, type: "get-help Get-PSSessionCapability -online"