



python



PowerShell

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### **PowerShell Get-Help on command 'Get-ComputerRestorePoint'**

**PS C:\Users\wahid> Get-Help Get-ComputerRestorePoint**

#### NAME

Get-ComputerRestorePoint

#### SYNOPSIS

Gets the restore points on the local computer.

#### SYNTAX

Get-ComputerRestorePoint -LastStatus [<CommonParameters>]

Get-ComputerRestorePoint [[-RestorePoint] <System.Int32[>]

[<CommonParameters>]

#### DESCRIPTION

The `Get-ComputerRestorePoint` cmdlet gets the local computer's system restore points. And, it can display the status of the most recent attempt to restore the computer.

You can use the information from `Get-ComputerRestorePoint` to select a restore point. For example, use a sequence number to identify a restore point

for the `Restore-Computer` cmdlet.

System restore points and the `Get-ComputerRestorePoint` cmdlet are supported only on client operating systems such as Windows 10.

## PARAMETERS

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

Indicates that `Get-ComputerRestorePoint` gets the status of the most recent system restore operation.

`-RestorePoint <System.Int32[]>`

Specifies the sequence numbers of the system restore points. You can specify either a single sequence number or a comma-separated array of sequence numbers.

If the `RestorePoint` parameter isn't specified, `Get-ComputerRestorePoint` returns all the local computer's system restore points.

### <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 all system restore points -----

`Get-ComputerRestorePoint`

CreationTime	Description	SequenceNumber
EventType	RestorePointType	
-----	-----	-----
-----	-----	

7/30/2019 09:17:24 Windows Update 4

BEGIN\_SYSTEM\_C... 17

8/5/2019 08:15:37 Installed PowerShell 7-prev... 5

BEGIN\_SYSTEM\_C... APPLICATION\_INSTALL

8/7/2019 12:56:45 Installed PowerShell 6-x64 6

BEGIN\_SYSTEM\_C... APPLICATION\_INSTALL

----- Example 2: Get specific sequence numbers -----

Get-ComputerRestorePoint -RestorePoint 4, 5

CreationTime	Description	SequenceNumber
--------------	-------------	----------------

EventType	RestorePointType
-----------	------------------

-----

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7/30/2019 09:17:24	Windows Update	4
--------------------	----------------	---

BEGIN\_SYSTEM\_C... 17

8/5/2019 08:15:37 Installed PowerShell 7-prev... 5

BEGIN\_SYSTEM\_C... APPLICATION\_INSTALL

`Get-ComputerRestorePoint` uses the RestorePoint parameter to specify a comma-separated array of sequence numbers.

----- Example 3: Display the status of a system restore -----

Get-ComputerRestorePoint -LastStatus

The last attempt to restore the computer failed.

`Get-ComputerRestorePoint` uses the LastStatus parameter to display the result of the most recent system restore.

--- Example 4: Use an expression to convert the CreationTime ---

```
$date = @{Label="Date"; Expression={$_.ConvertToDateTime($_.CreationTime)}}
Get-ComputerRestorePoint | Select-Object -Property SequenceNumber, $date,
Description
```

```
SequenceNumber  Date          Description
-----
4 7/30/2019 09:17:24 Windows Update
5 8/5/2019 08:15:37 Installed PowerShell 7-preview-x64
6 8/7/2019 12:56:45 Installed PowerShell 6-x64
```

The `$date` variable stores a hash table with the expression that uses the `ConvertToDateTime` method. The expression converts the `CreationTime` property's value from a WMI string to a `DateTime` object.

`Get-ComputerRestorePoint` sends the system restore point objects down the pipeline. `Select-Object` uses the `Property` parameter to specify the properties to display. For each object in the pipeline, the expression in `$date` converts the `CreationTime` and outputs the result in the `Date` property.

----- Example 5: Use a property to get a sequence number -----

```
((Get-ComputerRestorePoint).SequenceNumber)[-1]
```

```
6
```

`Get-ComputerRestorePoint` uses the `SequenceNumber` property with an array index. The array index of `-1` gets the most recent sequence number in the array.

## REMARKS

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

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

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

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

