



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

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

NAME

Get-LapsDiagnostics

SYNOPSIS

Collects Windows Local Administrator Password Solution (LAPS) logs and tracing from the local machine.

SYNTAX

Get-LapsDiagnostics [[-OutputFolder] <System.String> [-CollectNetworkTrace] [-ResetPassword]
[<CommonParameters>]

DESCRIPTION

The `Get-LapsDiagnostics` cmdlet collects LAPS logs and tracing from the local machine, and copies them into a `.zip` file. This cmdlet is primarily intended for

support and testing scenarios but of course may be used at any time. The name of the resultant `.zip` file includes the machine name and current timestamp, and by

default is written under the `\$env:TEMP\LapsDiagnostics` folder. The output folder may be customized using the OutputFolder .

PARAMETERS

-CollectNetworkTrace <System.Management.Automation.SwitchParameter>

Specifies that network tracing should also be collected and included in the resultant `.zip` file.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-OutputFolder <System.String>

Specifies that the resultant `.zip` file should be placed under the specified folder.

Required?	false
Position?	0
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-ResetPassword <System.Management.Automation.SwitchParameter>

Specifies that logs and tracing should be collected across a forced password reset for the currently managed local account. In this mode the cmdlet collects

tracing across a call to the `Reset-LapsPassword` cmdlet.

If this parameter isn't specified, the cmdlet collects tracing across a call to the `Invoke-LapsProcessingCycle` cmdlet.

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

None

OUTPUTS

System.Object

NOTES

----- Example 1 -----

Get-LapsDiagnostics

Get-LapsDiagnostics: all data for this run was written to the following zip file:

C:\Users\ADMINI~1\AppData\Local\Temp\LapsDiagnostics\LapsDiagnostics_LAPSCIENT_2023041004_072649.zip

This example demonstrates basic collection of LAPS diagnostic info using all default parameters.

----- Example 2 -----

Get-LapsDiagnostics -OutputFolder c:\LapsDiagFolder

Get-LapsDiagnostics: all data for this run was written to the following zip file:

c:\LapsDiagFolder\LapsDiagnostics_LAPSCIENT_2023041004_072702.zip

This example demonstrates basic collection of LAPS diagnostic info to a specific output folder.

----- Example 3 -----

Get-LapsDiagnostics -OutputFolder c:\LapsDiagFolder -ResetPassword

Get-LapsDiagnostics: all data for this run was written to the following zip file:

c:\LapsDiagFolder\LapsDiagnostics_LAPSCIENT_2023041004_072709.zip

This example demonstrates basic collection of LAPS diagnostic info across a forced password reset operation to a specific output folder.

----- Example 4 -----

Get-LapsDiagnostics -CollectNetworkTrace

Get-LapsDiagnostics: all data for this run was written to the following zip file:

C:\Users\ADMINI~1\AppData\Local\Temp\LapsDiagnostics\LapsDiagnostics_LAPSCIENT_2023041004_072719.zip

This example demonstrates basic collection of LAPS diagnostic info while also collecting network tracing.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/laps/get-lapsdiagnostics?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Windows LAPS Overview <https://go.microsoft.com/fwlink/?linkid=2233901>