



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

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

NAME

Get-AzVMBootDiagnosticsData

SYNOPSIS

Gets boot diagnostics data for a virtual machine.

SYNTAX

```
Get-AzVMBootDiagnosticsData [-ResourceGroupName] <System.String> [-Name] <System.String> [-Linux] [[-LocalPath]
<System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

```
Get-AzVMBootDiagnosticsData [-ResourceGroupName] <System.String> [-Name] <System.String> [-Windows]
[-LocalPath] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

DESCRIPTION

The Get-AzVMBootDiagnosticsData cmdlet gets boot diagnostics data for a virtual machine.

PARAMETERS

`-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>`

The credentials, account, tenant, and subscription used for communication with azure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

Indicates that the virtual machine runs the Linux operating system.

Required? true

Position? 2

Default value False

Accept pipeline input? False

Accept wildcard characters? false

`-LocalPath <System.String>`

Specifies the local path for the boot diagnostics data.

Required? true

Position? 3

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

`-Name <System.String>`

Specifies the name of the virtual machine for which this cmdlet gets diagnostics data.

Required?	true
Position?	1
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-ResourceGroupName <System.String>

Specifies the name of the resource group of the virtual machine.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-Windows <System.Management.Automation.SwitchParameter>

Indicates that the virtual machine runs the Windows operating system.

Required?	true
Position?	2
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

System.String

OUTPUTS

Microsoft.Azure.Commands.Compute.Models.PSVirtualMachine

Microsoft.Azure.Commands.Compute.Models.PSVirtualMachineInstanceView

NOTES

----- Example 1: Get boot diagnostics data -----

```
Get-AzVMBootDiagnosticsData -ResourceGroupName "ResourceGroup11" -Name "ContosoVM07" -Windows -LocalPath  
"C:\Contoso\BootDiagnostics"
```

This command gets boot diagnostics data for the virtual machine named ContosoVM07. This virtual machine runs the Windows operating system. The command stores the data in specified local path.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.compute/get-azvmbootdiagnosticsdata>

Set-AzVMBootDiagnostic