



Windows PowerShell Get-Help on Cmdlet 'Invoke-AzNetworkCloudBareMetalMachineDataExtract'

PS: \> Get-HELP Invoke-AzNetworkCloudBareMetalMachineDataExtract -Full

WARNING: The names of some imported commands from the module 'Az.NetworkCloud.private' include unapproved verbs that might make them less discoverable. To find the

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NAME

Invoke-AzNetworkCloudBareMetalMachineDataExtract

SYNOPSIS

Run one or more data extractions on the provided bare metal machine.

The URL to storage account with the command execution results and the command exit code can be retrieved from the operation status API once available.

SYNTAX

```
Invoke-AzNetworkCloudBareMetalMachineDataExtract -InputObject <INetworkCloudIdentity> -Command
<IBareMetalMachineCommandSpecification[]> -LimitTimeSecond <Int64>

[-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-NoWait] [-PassThru] [-Proxy <Uri>]

[-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```



```
Invoke-AzNetworkCloudBareMetalMachineDataExtract -BareMetalMachineName <String> -ResourceGroupName
<String> [-SubscriptionId <String>] -Command

<IBareMetalMachineCommandSpecification[]> -LimitTimeSecond <Int64> [-DefaultProfile <PSObject>] [-AsJob] [-Break]
[-HttpPipelineAppend <SendAsyncStep[]>]

[-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-PassThru] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]

[<CommonParameters>]
```

DESCRIPTION

Run one or more data extractions on the provided bare metal machine.

The URL to storage account with the command execution results and the command exit code can be retrieved from the operation status API once available.

PARAMETERS

-BareMetalMachineName <String>

The name of the bare metal machine.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

The value must be an UUID.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-InputObject <INetworkCloudIdentity>

Identity Parameter

To construct, see NOTES section for INPUTOBJECT properties and create a hash table.

Required? true

Position? named

Default value

Accept pipeline input? true (ByValue)

Accept wildcard characters? false

-Command <IBareMetalMachineCommandSpecification[]>

The list of curated data extraction commands to be executed directly against the target machine.

To construct, see NOTES section for COMMAND properties and create a hash table.

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

-LimitTimeSecond <Int64>

The maximum time the commands are allowed to run.If the execution time exceeds the maximum, the script will be stopped, any output produced until then will be captured, and the exit code matching a timeout will be returned (252).

Required? true
Position? named
Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-DefaultProfile <PSObject>

The DefaultProfile parameter is not functional.

Use the SubscriptionId parameter when available if executing the cmdlet against a different subscription.

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

-AsJob [<SwitchParameter>]

Run the command as a job

Required? false
Position? named

Default value False
Accept pipeline input? false
Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

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

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

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

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

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

-NoWait [<SwitchParameter>]

Run the command asynchronously

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

-PassThru [<SwitchParameter>]

Returns true when the command succeeds

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

-Proxy <Uri>

The URI for the proxy server to use

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

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

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

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false

Position? named

Default value

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>).

OUTPUTS

System.Boolean

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help about_Hash_Tables.

COMMAND <IBareMetalMachineCommandSpecification[]>: The list of curated data extraction commands to be executed directly against the target machine.

Command <String>: The command to execute against the bare metal machine.

[Argument <String[]>]: The list of string arguments that will be passed to the script in order as separate arguments.

INPUTOBJECT <INetworkCloudIdentity>: Identity Parameter

[AgentPoolName <String>]: The name of the Kubernetes cluster agent pool.

[BareMetalMachineKeySetName <String>]: The name of the bare metal machine key set.

[BareMetalMachineName <String>]: The name of the bare metal machine.

[BmcKeySetName <String>]: The name of the baseboard management controller key set.

[CloudServicesNetworkName <String>]: The name of the cloud services network.

[ClusterManagerName <String>]: The name of the cluster manager.

[ClusterName <String>]: The name of the cluster.

[ConsoleName <String>]: The name of the virtual machine console.

[Id <String>]: Resource identity path

[KubernetesClusterName <String>]: The name of the Kubernetes cluster.

[L2NetworkName <String>]: The name of the L2 network.

[L3NetworkName <String>]: The name of the L3 network.

[MetricsConfigurationName <String>]: The name of the metrics configuration for the cluster.

[RackName <String>]: The name of the rack.

[RackSkuName <String>]: The name of the rack SKU.

[ResourceGroupName <String>]: The name of the resource group. The name is case insensitive.

[StorageApplianceName <String>]: The name of the storage appliance.

[SubscriptionId <String>]: The ID of the target subscription. The value must be an UUID.

[TrunkedNetworkName <String>]: The name of the trunked network.

[VirtualMachineName <String>]: The name of the virtual machine.

[VolumeName <String>]: The name of the volume.

----- EXAMPLE 1 -----

```
PS C:\>$command = @{
```

```
    command = "command"
```

```
    arguments = "commandArguments"
```

```
}
```

```
Invoke-AzNetworkCloudBareMetalMachineDataExtract -BareMetalMachineName bmmName -ResourceGroupName  
resourcceGroupName -SubscriptionId subscriptionId -Command $command  
-LimitTimeSecond limitTimeInSeconds -Debug
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.networkcloud/invoke-aznetworkcloudbaremetalmachinedataextract>