



Windows PowerShell Get-Help on Cmdlet 'New-AzMLWorkspaceComputeInstanceObject'

PS:\>Get-HELP New-AzMLWorkspaceComputeInstanceObject -Full

NAME

New-AzMLWorkspaceComputeInstanceObject

SYNOPSIS

Create an in-memory object for ComputeInstance.

SYNTAX

```
New-AzMLWorkspaceComputeInstanceObject [-Description <String>] [-DisableLocalAuth <Boolean>] [-ResourceId
<String>] [-ApplicationSharingPolicy
<ApplicationSharingPolicy>] [-AssignedUserObjectId <String>] [-AssignedUserTenantId <String>] [-AuthorizationType
<ComputeInstanceAuthorizationType>]
[-CreationScriptArgument <String>] [-CreationScriptData <String>] [-CreationScriptSource <String>]
[-CreationScriptTimeout <String>] [-EnableNodePublicIP <Boolean>]
[-LastOperationName <OperationName>] [-LastOperationStatus <OperationStatus>] [-LastOperationTime <DateTime>]
[-LastOperationTrigger <OperationTrigger>]
[-ScheduleComputeStartStop <IComputeStartStopSchedule[]>] [-SshSettingAdminPublicKey <String>]
[-SshSettingSshPublicAccess <SshPublicAccess>] [-StartupScriptArgument
<String>] [-StartupScriptData <String>] [-StartupScriptSource <String>] [-StartupScriptTimeout <String>] [-SubnetId
<String>] [-VMSize <String>] [-VersionRuntime
```

<String>] [<CommonParameters>]

DESCRIPTION

Create an in-memory object for ComputeInstance.

PARAMETERS

-Description <String>

The description of the Machine Learning compute.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DisableLocalAuth <Boolean>

Opt-out of local authentication and ensure customers can use only MSI and AAD exclusively for authentication.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-ResourceId <String>

ARM resource id of the underlying compute.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ApplicationSharingPolicy <ApplicationSharingPolicy>

Policy for sharing applications on this compute instance among users of parent workspace.

If Personal, only the creator can access applications on this compute instance.

When Shared, any workspace user can access applications on this instance depending on his/her assigned role.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AssignedUserObjectId <String>

User??Ts AAD Object Id.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AssignedUserTenantId <String>

User??Ts AAD Tenant Id.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AuthorizationType <ComputeInstanceAuthorizationType>

The Compute Instance Authorization type.

Available values are personal (default).

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CreationScriptArgument <String>

Optional command line arguments passed to the script to run.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CreationScriptData <String>

The location of scripts in the mounted volume.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CreationScriptSource <String>

The storage source of the script: inline, workspace.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CreationScriptTimeout <String>

Optional time period passed to timeout command.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-EnableNodePublicIP <Boolean>

Enable or disable node public IP address provisioning.

Possible values are: Possible values are: true - Indicates that the compute nodes will have public IPs provisioned.

false - Indicates that the compute nodes will have a private endpoint and no public IPs.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-LastOperationName <OperationName>

Name of the last operation.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-LastOperationStatus <OperationStatus>

Operation status.

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

-LastOperationTime <DateTime>

Time of the last operation.

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

-LastOperationTrigger <OperationTrigger>

Trigger of operation.

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

-ScheduleComputeStartStop <IComputeStartStopSchedule[]>

The list of compute start stop schedules to be applied.

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

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

Accept wildcard characters? false

-SshSettingAdminPublicKey <String>

Specifies the SSH rsa public key file as a string.

Use "ssh-keygen -t rsa -b 2048" to generate your SSH key pairs.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SshSettingSshPublicAccess <SshPublicAccess>

State of the public SSH port.

Possible values are: Disabled - Indicates that the public ssh port is closed on this instance.

Enabled - Indicates that the public ssh port is open and accessible according to the VNet/subnet policy if applicable.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-StartupScriptArgument <String>

Optional command line arguments passed to the script to run.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-StartupScriptData <String>

The location of scripts in the mounted volume.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-StartupScriptSource <String>

The storage source of the script: inline, workspace.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-StartupScriptTimeout <String>

Optional time period passed to timeout command.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubnetId <String>

The ID of the resource.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-VMSize <String>

Virtual Machine Size.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-VersionRuntime <String>

Runtime of compute instance.

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>).

INPUTS

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.MachineLearningServices.Models.Api20220501.ComputeInstance

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.

SCHEDULECOMPUTESTARTSTOP <IComputeStartStopSchedule[]>: The list of compute start stop schedules to be applied.

[Action <ComputePowerAction?>]: The compute power action.

[ScheduleId <String>]:

[ScheduleProvisioningStatus <ScheduleProvisioningState?>]:

[ScheduleStatus <ScheduleStatus?>]:

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

```
PS C:\>New-AzMLWorkspaceComputeInstanceObject
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.MLWorkspace/new-AzMLWorkspaceComputeInstanceObject>