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

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

NAME

New-AzMLWorkspaceDatastore

SYNOPSIS

Create or update datastore.

SYNTAX

New-AzMLWorkspaceDatastore -Name <String> -ResourceGroupName <String> -WorkspaceName <String> [-SubscriptionId <String>] [-SkipValidation] -Datastore

<IDatastoreProperties> [-DefaultProfile <PSObject>] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>]

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

DESCRIPTION

Create or update datastore.

PARAMETERS

-Name <String>

Datastore name.

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

-WorkspaceName <String>

Name of Azure Machine Learning workspace.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SkipValidation [<SwitchParameter>]

Flag to skip validation.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Datastore <IDatastoreProperties>

[Required] Additional attributes of the entity.

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

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

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

Required? false

Position? named

Default value

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

-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).

INPUTS

OUTPUTS

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

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.

DATASTORE <IDatastoreProperties>: [Required] Additional attributes of the entity.

Credentials <IDatastoreCredentials>: [Required] Account credentials.

CredentialsType <CredentialsType>: [Required] Credential type used to authentication with storage.

DatastoreType <DatastoreType>: [Required] Storage type backing the datastore.

[Description <String>]: The asset description text.

[Property <IResourceBaseProperties>]: The asset property dictionary.

[(Any) <String>]: This indicates any property can be added to this object.

[Tag <IResourceBaseTags>]: Tag dictionary. Tags can be added, removed, and updated.

[(Any) <String>]: This indicates any property can be added to this object.

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

PS C:\># The datastore type includes AzureBlob, AzureDataLakeGen1, AzureDataLakeGen2, AzureFile.

You can use following command to create it then pass it as value to Datastore parameter of the New-AzMLWorkspaceDatastore cmdlet.

New-AzMLWorkspaceDatastoreBlobObject

New-AzMLWorkspaceDatastoreDataLakeGen1Object

New-AzMLWorkspaceDatastoreDataLakeGen2Object

New-AzMLWorkspaceDatastoreFileObject

You can specify credentials when creating a datastore type. The following commands can be used to create credentials.

New-AzMLWorkspaceDatastoreKeyCredentialObject

New-AzMLWorkspaceDatastoreCredentialsObject

New-AzMLWorkspaceDatastoreNoneCredentialsObject

New-AzMLWorkspaceDatastoreSasCredentialsObject

New-AzMLWorkspaceDatastoreServicePrincipalCredentialsObject

$accountKey = New-AzMLWorkspaceDatastoreKeyCredentialObject -Key "xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx"

$datastoreBlob = New-AzMLWorkspaceDatastoreBlobObject -AccountName 'mmstorageeastus' -ContainerName "globaldatasets" -Endpoint "core.windows.net" -Protocol "https"

-ServiceDataAccessAuthIdentity 'None' -Credentials $accountKey

New-AzMLWorkspaceDatastore -ResourceGroupName ml-rg-test -WorkspaceName mlworkspace-demo -Name blobdatastore -Property $datastoreBlob

RELATED LINKS

https://learn.microsoft.com/powershell/module/az.machinelearningservices/new-azmlworkspacedatastore