



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

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

NAME

New-AzMIWebService

SYNOPSIS

Creates a new web service.

SYNTAX

```

New-AzMIWebService [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DefinitionFile
<System.String>
[-Force] -Location <System.String> -Name <System.String> -ResourceGroupName <System.String> [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

New-AzMIWebService [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] -Location
<System.String>
-Name <System.String> -NewWebServiceDefinition
<Microsoft.Azure.Management.MachineLearning.WebServices.Models.WebService> -ResourceGroupName
<System.String>

```

[-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Creates an Azure Machine Learning web service in an existing resource group. If a web service with the same name exists in the resource group, the call acts as an update operation and the existing web service is overwritten.

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

-DefinitionFile <System.String>

Specifies the path to the file containing the JSON format definition of the web service. You can find the latest specification for the web service definition in

the swagger spec under <https://github.com/Azure/azure-rest-api-specs/blob/master/specification/machinelearning/resource-manager/Microsoft.MachineLearning/>.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Force <System.Management.Automation.SwitchParameter>

Do not ask for confirmation.

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

-Location <System.String>

The region of the web service. Enter an Azure data center region, such as "West US" or "Southeast Asia". You can place a web service in any region that supports resources of that type. The web service does not have to be in the same region your Azure subscription or the same region as its resource group. Resource groups can contain web services from different regions. To determine which regions support each resource type, use the Get-AzResourceProvider with the ProviderNamespace parameter cmdlet.

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

-Name <System.String>

The name for the web service. The name must be unique in the resource group.

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

-NewWebServiceDefinition <Microsoft.Azure.Management.MachineLearning.WebServices.Models.WebService>

The definition for the new web service, containing all the properties that make up the service. This parameter is required and represents an instance of the

Microsoft.Azure.Management.MachineLearning.WebServices.Models.WebService class. You can find the latest specification for the web service definition in the

swagger spec under
<https://github.com/Azure/azure-rest-api-specs/blob/master/specification/machinelearning/resource-manager/Microsoft.MachineLearning/stable/2017-01-01/webservices.json>.

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

-ResourceGroupName <System.String>

The resource group in which to place the web service. Enter an Azure data center region, such as "West US" or "Southeast Asia". You can place a web service in any

region that supports resources of that type. The web service does not have to be in the same region your Azure subscription or the same region as its resource

group. Resource groups can contain web services from different regions. To determine which regions support each resource type, use the Get-AzResourceProvider with the ProviderNamespace parameter cmdlet.

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

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

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

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

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

Microsoft.Azure.Management.MachineLearning.WebServices.Models.WebService

OUTPUTS

Microsoft.Azure.Management.MachineLearning.WebServices.Models.WebService

NOTES

Keywords: azure, azureml, arm, resource, management, manager, machine, machine learning, azureml

Example 1: Create a new service from a Json file based definition

```
New-AzMLWebService -ResourceGroupName "myresourcegroup" -Name "mywebservicename" -Location "South Central US" -DefinitionFile "C:\mlservice.json"
```

Creates a new Azure Machine Learning web service named "mywebservicename" in the "myresourcegroup" group and South Central US region, based on the definition present in the referenced json file.

--- Example 2: Create a new service from an object instance ---

```
New-AzMLWebService -ResourceGroupName "myresourcegroup" -Name "mywebservicename" -Location "South Central US" -NewWebServiceDefinition $serviceDefinitionObject
```

You can obtain a web service object instance to customize before publishing as a resource by using the Import-AzMLWebService cmdlet.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.machinelearning/new-azmlweb-service>