



Windows PowerShell Get-Help on Cmdlet 'Publish-AzWebApp'

PS:\>Get-HELP Publish-AzWebApp -Full

NAME

Publish-AzWebApp

SYNOPSIS

Deploys an Azure Web App from a ZIP, JAR, or WAR file using zipdeploy.

SYNTAX

```
Publish-AzWebApp [-ResourceGroupName] <System.String> [-Name] <System.String> [[-Slot] <System.String>]
-ArchivePath <System.String> [-AsJob] [-Async] [-Clean]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Force] [-IgnoreStack] [-Reset] [-Restart] [-TargetPath
<System.String>] [-Timeout <System.Double>] [-Type {war | jar | ear | zip | static}] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```
Publish-AzWebApp [-WebApp] <Microsoft.Azure.Commands.WebApps.Models.PSSite> -ArchivePath <System.String>
[-AsJob] [-Async] [-Clean] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
[-IgnoreStack] [-Reset] [-Restart] [-TargetPath <System.String>]
[-Timeout <System.Double>] [-Type {war | jar | ear | zip | static}] [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Publish-AzWebApp cmdlet uploads content to an existing Azure Web App. The content should be packaged in a ZIP file if using stacks such as .NET, Python, or Node,

or a WAR or JAR file if using Java. The content should be pre-built and ready-to-run without any additional build steps during deployment. This cmdlet uses the Kudu

zipdeploy and wardeploy features to deploy content. Refer to the Kudu wiki for details about how zipdeploy and wardeploy work, and how to properly package a web app

for deployment. <https://aka.ms/kuduzipdeploy> and <https://aka.ms/kuduwardeploy> contain helpful details about zipdeploy and wardeploy.

PARAMETERS

-ArchivePath <System.String>

The path of the archive file. ZIP, WAR, and JAR are supported.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Async <System.Management.Automation.SwitchParameter>

The artifact is deployed asynchronously. (The command will exit once the artifact is pushed to the web app.)

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

-Clean <System.Management.Automation.SwitchParameter>

Cleans the target directory prior to deploying the file(s).

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

-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

-Force <System.Management.Automation.SwitchParameter>

Forcefully Remove Option

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

Accept wildcard characters? false

-IgnoreStack <System.Management.Automation.SwitchParameter>

Disables any language-specific defaults

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

The name of the web app.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Reset <System.Management.Automation.SwitchParameter>

Reset Java web apps to default parking page

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

The name of the resource group.

Required? true

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

-Restart <System.Management.Automation.SwitchParameter>

The web app will be restarted following the deployment. Set this to false if you are deploying multiple artifacts and do not want to restart the site on the earlier deployments.

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

-Slot <System.String>

The name of the web app slot.

Required? false
Position? 2
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-TargetPath <System.String>

Absolute path that the artifact should be deployed to.

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

-Timeout <System.Double>

Sets the timespan in Milliseconds to wait before the request times out.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Type <System.String>

Used to override the type of artifact being deployed.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-WebApp <Microsoft.Azure.Commands.WebApps.Models.PSSite>

The web app object

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByValue)

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

System.String

Microsoft.Azure.Commands.WebApps.Models.PSSite

OUTPUTS

Microsoft.Azure.Commands.WebApps.Models.PSSite

----- Example 1 -----

```
Publish-AzWebApp -ResourceGroupName Default-Web-WestUS -Name MyApp -ArchivePath C:\project\app.zip
```

Uploads the contents of app.zip to the web app named MyApp belonging to the resource group Default-Web-WestUS.

----- Example 2 -----

```
Publish-AzWebApp -ResourceGroupName ContosoRG -Name ContosoApp -Slot Staging -ArchivePath  
C:\project\javaproject.war
```

Uploads the contents of javaproject.war to the Staging slot of the web app named ContosoApp belonging to the resource group ContosoRG.

----- Example 3 -----

```
$app = Get-AzWebApp -ResourceGroupName ContosoRG -Name ContosoApp  
Publish-AzWebApp -WebApp $app -ArchivePath C:\project\app.zip -AsJob
```

Uploads the contents of app.zip to the web app named ContosoApp belonging to the resource group ContosoRG. The cmdlet will be run in a background job.

----- Example 4 -----

```
$app = Get-AzWebApp -ResourceGroupName ContosoRG -Name ContosoApp  
$app | Publish-AzWebApp -ArchivePath C:\project\java_app.jar
```

----- Example 5 -----

```
$app = Get-AzWebApp -ResourceGroupName ContosoRG -Name ContosoApp  
Publish-AzWebApp -WebApp $app -ArchivePath C:\project\app.zip -Force
```

Uploads the contents of java_app.jar to the web app named ContosoApp belonging to the resource group ContosoRG. If -Force is not specified it will prompt for the confirmation before the contents will be deployed.

----- Example 6 -----

```
$app = Get-AzWebApp -ResourceGroupName ContosoRG -Name ContosoApp  
Publish-AzWebApp -WebApp $app -ArchivePath C:\project\app.zip -Timeout 300000 -Force
```

Uploads the contents of java_app.jar to the web app named ContosoApp belonging to the resource group ContosoRG. User can Sets the timespan in Milliseconds to wait before the request times out. If -Force is not specified it will prompt for the confirmation before the contents will be deployed.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.websites/publish-azwebapp>