



Windows PowerShell Get-Help on Cmdlet 'Restart-AzFunctionApp'

PS:\>Get-HELP Restart-AzFunctionApp -Full

NAME

Restart-AzFunctionApp

SYNOPSIS

Restarts a function app.

SYNTAX

```
Restart-AzFunctionApp -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] [-Force]
[-DefaultProfile <PSObject>] [-PassThru] [-Break]
[-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential
<PSCredential>] [-ProxyUseDefaultCredentials]
[-WhatIf] [-Confirm] [<CommonParameters>]
```

```
Restart-AzFunctionApp [-Force] -InputObject <ISite> [-DefaultProfile <PSObject>] [-PassThru] [-Break]
[-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-Proxy <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]
[<CommonParameters>]
```

DESCRIPTION

Restarts a function app.

PARAMETERS

-Name <String>

The name of function app.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The Azure subscription ID.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Force [<SwitchParameter>]

Forces the cmdlet to restart the function app without prompting for confirmation.

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

-InputObject <ISite>

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

-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

-PassThru [<SwitchParameter>]

Returns true when the command succeeds.

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

-Break [<SwitchParameter>]

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

-HttpPipelineAppend <SendAsyncStep[]>

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

-HttpPipelinePrepend <SendAsyncStep[]>

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

-Proxy <Uri>

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

-ProxyCredential <PSCredential>

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

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

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see [about_CommonParameters \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.PowerShell.Cmdlets.Functions.Models.Api20190801.ISite

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`.

INPUTOBJECT <ISite>:

Location <String>: Resource Location.

[Kind <String>]: Kind of resource.

[Tag <IResourceTags>]: Resource tags.

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

[ClientAffinityEnabled <Boolean?>]: `true` to enable client affinity; `false` to stop sending session affinity cookies, which route client requests in the same session to the same instance. Default is `true`.

[ClientCertEnabled <Boolean?>]: `true` to enable client certificate authentication (TLS mutual authentication); otherwise, `false`.

Default is `false`.

[ClientCertExclusionPath <String>]: client certificate authentication comma-separated exclusion paths

[CloningInfoAppSettingsOverride <ICloningInfoAppSettingsOverrides>]: Application setting overrides for cloned app. If specified, these settings override the settings cloned from source app. Otherwise, application settings from source app are retained.

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

[CloningInfoCloneCustomHostName <Boolean?>]: `true` to clone custom hostnames from source app; otherwise, `false`.

[CloningInfoCloneSourceControl <Boolean?>]: `true` to clone source control from source app; otherwise, `false`.

[CloningInfoConfigureLoadBalancing <Boolean?>]: `true` to configure load balancing for source and destination app.

[CloningInfoCorrelationId <String>]: Correlation ID of cloning operation. This ID ties multiple cloning operations together to use the same snapshot.

[CloningInfoHostingEnvironment <String>]: App Service Environment.

[CloningInfoOverwrite <Boolean?>]: `true` to overwrite destination app; otherwise, `false`.

[CloningInfoSourceWebAppId <String>]: ARM resource ID of the source app. App resource ID is of the form
/subscriptions/{subId}/resourceGroups/{resourceGroupName}/providers/Microsoft.Web/sites/{siteName} for production slots and

/subscriptions/{subId}/resourceGroups/{resourceGroupName}/providers/Microsoft.Web/sites/{siteName}/slots/{slotName} for other slots.

[CloningInfoSourceWebAppLocation <String>]: Location of source app ex: West US or North Europe

[CloningInfoTrafficManagerProfileId <String>]: ARM resource ID of the Traffic Manager profile to use, if it exists. Traffic Manager resource ID is of the form

/subscriptions/{subId}/resourceGroups/{resourceGroupName}/providers/Microsoft.Network/trafficManagerProfiles/{profileName}.

[CloningInfoTrafficManagerProfileName <String>]: Name of Traffic Manager profile to create. This is only needed if Traffic Manager profile does not already exist.

[Config <ISiteConfig>]: Configuration of the app.

[AcrUseManagedIdentityCred <Boolean?>]: Flag to use Managed Identity Creds for ACR pull

[AcrUserManagedIdentityId <String>]: If using user managed identity, the user managed identity ClientId *Page 7/14*

[ActionMinProcessExecutionTime <String>]: Minimum time the process must execute before taking the action

[ActionType <AutoHealActionType?>]: Predefined action to be taken.

[AlwaysOn <Boolean?>]: `true` if Always On is enabled; otherwise, `false`.

[ApiDefinitionUrl <String>]: The URL of the API definition.

[ApiManagementConfigId <String>]: APIM-API Identifier.

[AppCommandLine <String>]: App command line to launch.

[AppSetting <INameValuePair[]>]: Application settings.

[Name <String>]: Pair name.

[Value <String>]: Pair value.

[AutoHealEnabled <Boolean?>]: `true` if Auto Heal is enabled; otherwise, `false`.

[AutoSwapSlotName <String>]: Auto-swap slot name.

[ConnectionString <IConnStringInfo[]>]: Connection strings.

[ConnectionString <String>]: Connection string value.

[Name <String>]: Name of connection string.

[Type <ConnectionStringType?>]: Type of database.

[CorAllowedOrigin <String[]>]: Gets or sets the list of origins that should be allowed to make cross-origin calls (for example:

`http://example.com:12345`). Use `"*"` to allow all.

[CorSupportCredentials <Boolean?>]: Gets or sets whether CORS requests with credentials are allowed. See https://developer.mozilla.org/en-US/docs/Web/HTTP/CORS#Requests_with_credentials for more details.

[CustomActionExe <String>]: Executable to be run.

[CustomActionParameter <String>]: Parameters for the executable.

[DefaultDocument <String[]>]: Default documents.

[DetailedErrorLoggingEnabled <Boolean?>]: `true` if detailed error logging is enabled; otherwise, `false`.

[DocumentRoot <String>]: Document root.

[DynamicTagsJson <String>]: Gets or sets a JSON string containing a list of dynamic tags that will be evaluated from user claims in the push registration endpoint.

[ExperimentRampUpRule <IRampUpRule[]>]: List of ramp-up rules.

[ActionHostName <String>]: Hostname of a slot to which the traffic will be redirected if decided to. E.g. `myapp-stage.azurewebsites.net`.

[ChangeDecisionCallbackUrl <String>]: Custom decision algorithm can be provided in TipCallback site extension

which URL can be specified. See TiPCallback

site extension for the scaffold and contracts. <https://www.siteextensions.net/packages/TiPCallback/>

[ChangeIntervalInMinute <Int32?>]: Specifies interval in minutes to reevaluate ReroutePercentage.

[ChangeStep <Double?>]: In auto ramp up scenario this is the step to add/remove from `ReroutePercentage` until it reaches

\n`MinReroutePercentage` or `MaxReroutePercentage`. Site metrics are checked every N minutes specified in

`ChangeIntervalInMinutes`. Custom decision algorithm can be provided in TiPCallback site extension which URL can be specified in

`ChangeDecisionCallbackUrl`.

[MaxReroutePercentage <Double?>]: Specifies upper boundary below which ReroutePercentage will stay.

[MinReroutePercentage <Double?>]: Specifies lower boundary above which ReroutePercentage will stay.

[Name <String>]: Name of the routing rule. The recommended name would be to point to the slot which will receive the traffic in the experiment.

[ReroutePercentage <Double?>]: Percentage of the traffic which will be redirected to `ActionHostName`.

[FtpsState <FtpsState?>]: State of FTP / FTPS service

[HandlerMapping <IHandlerMapping[]>]: Handler mappings.

[Argument <String>]: Command-line arguments to be passed to the script processor.

[Extension <String>]: Requests with this extension will be handled using the specified FastCGI application.

[ScriptProcessor <String>]: The absolute path to the FastCGI application.

[HealthCheckPath <String>]: Health check path

[Http20Enabled <Boolean?>]: Http20Enabled: configures a web site to allow clients to connect over http2.0

[HttpLoggingEnabled <Boolean?>]: `true` if HTTP logging is enabled; otherwise, `false`.

[IPSecurityRestriction <IPSecurityRestriction[]>]: IP security restrictions for main.

[Action <String>]: Allow or Deny access for this IP range.

[Description <String>]: IP restriction rule description.

[IPAddress <String>]: IP address the security restriction is valid for. It can be in form of pure ipv4 address (required SubnetMask property) or

CIDR notation such as ipv4/mask (leading bit match). For CIDR, SubnetMask property must not be specified.

[Name <String>]: IP restriction rule name.

[Priority <Int32?>]: Priority of IP restriction rule.

[SubnetMask <String>]: Subnet mask for the range of IP addresses the restriction is valid for.

[SubnetTrafficTag <Int32?>]: (internal) Subnet traffic tag

[Tag <IPFilterTag?>]: Defines what this IP filter will be used for. This is to support IP filtering on proxies.

[VnetSubnetResourceId <String>]: Virtual network resource id

[VnetTrafficTag <Int32?>]: (internal) Vnet traffic tag

[IsPushEnabled <Boolean?>]: Gets or sets a flag indicating whether the Push endpoint is enabled.

[JavaContainer <String>]: Java container.

[JavaContainerVersion <String>]: Java container version.

[JavaVersion <String>]: Java version.

[LimitMaxDiskSizeInMb <Int64?>]: Maximum allowed disk size usage in MB.

[LimitMaxMemoryInMb <Int64?>]: Maximum allowed memory usage in MB.

[LimitMaxPercentageCpu <Double?>]: Maximum allowed CPU usage percentage.

[LinuxFxVersion <String>]: Linux App Framework and version

[LoadBalancing <SiteLoadBalancing?>]: Site load balancing.

[LocalMySqlEnabled <Boolean?>]: `true` to enable local MySQL; otherwise, `false`.

[LogsDirectorySizeLimit <Int32?>]: HTTP logs directory size limit.

[MachineKeyDecryption <String>]: Algorithm used for decryption.

[MachineKeyDecryptionKey <String>]: Decryption key.

[MachineKeyValidation <String>]: MachineKey validation.

[MachineKeyValidationKey <String>]: Validation key.

[ManagedPipelineMode <ManagedPipelineMode?>]: Managed pipeline mode.

[ManagedServiceIdentityId <Int32?>]: Managed Service Identity Id

[MinTlsVersion <SupportedTlsVersions?>]: MinTlsVersion: configures the minimum version of TLS required for SSL requests

[NetFrameworkVersion <String>]: .NET Framework version.

[NodeVersion <String>]: Version of Node.js.

[NumberOfWorker <Int32?>]: Number of workers.

[PhpVersion <String>]: Version of PHP.

[PowerShellVersion <String>]: Version of PowerShell.

[PreWarmedInstanceCount <Int32?>]: Number of preWarmed instances.

This setting only applies to the

Consumption and Elastic Plans

[PublishingUsername <String>]: Publishing user name.

[PushKind <String>]: Kind of resource.

[PythonVersion <String>]: Version of Python.

[RemoteDebuggingEnabled <Boolean?>]: `<code>true</code>` if remote debugging is enabled; otherwise, `<code>>false</code>`.

[RemoteDebuggingVersion <String>]: Remote debugging version.

[RequestCount <Int32?>]: Request Count.

[RequestTimeInterval <String>]: Time interval.

[RequestTracingEnabled <Boolean?>]: `<code>true</code>` if request tracing is enabled; otherwise, `<code>>false</code>`.

[RequestTracingExpirationTime <DateTime?>]: Request tracing expiration time.

[ScmIPSecurityRestriction <IIPSecurityRestriction[]>]: IP security restrictions for scm.

[ScmIPSecurityRestrictionsUseMain <Boolean?>]: IP security restrictions for scm to use main.

[ScmType <ScmType?>]: SCM type.

[SlowRequestCount <Int32?>]: Request Count.

[SlowRequestTimeInterval <String>]: Time interval.

[SlowRequestTimeTaken <String>]: Time taken.

[TagWhitelistJson <String>]: Gets or sets a JSON string containing a list of tags that are in the allowed list for use by the push registration endpoint.

[TagsRequiringAuth <String>]: Gets or sets a JSON string containing a list of tags that require user authentication to be used in the push registration

endpoint. Tags can consist of alphanumeric characters and the following: `'_', '@', '#', ':', '-',` Validation should be performed at the PushRequestHandler.

[TracingOption <String>]: Tracing options.

[TriggerPrivateBytesInKb <Int32?>]: A rule based on private bytes.

[TriggerStatusCode <IStatusCodesBasedTrigger[]>]: A rule based on status codes.

[Count <Int32?>]: Request Count.

[Status <Int32?>]: HTTP status code.

[SubStatus <Int32?>]: Request Sub Status.

[TimeInterval <String>]: Time interval.

[Win32Status <Int32?>]: Win32 error code.

[Use32BitWorkerProcess <Boolean?>]: `<code>true</code>` to use 32-bit worker process; otherwise, `<code>>false</code>`.

[VirtualApplication <IVirtualApplication[]>]: Virtual applications.

[PhysicalPath <String>]: Physical path.

[PreloadEnabled <Boolean?>]: `true` if preloading is enabled; otherwise, `false`.

[VirtualDirectory <IVirtualDirectory[]>]: Virtual directories for virtual application.

[PhysicalPath <String>]: Physical path.

[VirtualPath <String>]: Path to virtual application.

[VirtualPath <String>]: Virtual path.

[VnetName <String>]: Virtual Network name.

[WebSocketsEnabled <Boolean?>]: `true` if WebSocket is enabled; otherwise, `false`.

[WindowsFxVersion <String>]: Xenon App Framework and version

[XManagedServiceIdentityId <Int32?>]: Explicit Managed Service Identity Id

[ContainerSize <Int32?>]: Size of the function container.

[DailyMemoryTimeQuota <Int32?>]: Maximum allowed daily memory-time quota (applicable on dynamic apps only).

[Enabled <Boolean?>]: `true` if the app is enabled; otherwise, `false`. Setting this value to false disables the app (takes the app offline).

[HostNameSslState <IHostNameSslState[]>]: Hostname SSL states are used to manage the SSL bindings for app's hostnames.

[HostType <HostType?>]: Indicates whether the hostname is a standard or repository hostname.

[Name <String>]: Hostname.

[SslState <SslState?>]: SSL type.

[Thumbprint <String>]: SSL certificate thumbprint.

[ToUpdate <Boolean?>]: Set to `true` to update existing hostname.

[VirtualIP <String>]: Virtual IP address assigned to the hostname if IP based SSL is enabled.

[HostNamesDisabled <Boolean?>]: `true` to disable the public hostnames of the app; otherwise, `false`. If `true`, the app is only accessible via API management process.

[HostingEnvironmentProfileId <String>]: Resource ID of the App Service Environment.

[HttpsOnly <Boolean?>]: HttpsOnly: configures a web site to accept only https requests. Issues redirect for http requests

[HyperV <Boolean?>]: Hyper-V sandbox.

[IdentityType <ManagedServiceIdentityType?>]: Type of managed service identity.

[IdentityUserAssignedIdentity <IManagedServiceIdentityUserAssignedIdentities>]: The list of user assigned identities associated with the resource. The user

identity dictionary key references will be ARM resource ids in the form:

/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}/providers/Microsoft.ManagedIdentity/userAssignedIdentities/{identityName}

[(Any)

<IComponents1Jq1T4ISchemasManagedserviceidentityPropertiesUserassignedidentitiesAdditionalproperties>]: This

indicates any property can be added to

this object.

[IsXenon <Boolean?>]: Obsolete: Hyper-V sandbox.

[RedundancyMode <RedundancyMode?>]: Site redundancy mode

[Reserved <Boolean?>]: <code>true</code> if reserved; otherwise, <code>false</code>.

[ScmSiteAlsoStopped <Boolean?>]: <code>true</code> to stop SCM (KUDU) site when the app is stopped; otherwise, <code>false</code>. The default is

<code>false</code>.

[ServerFarmId <String>]: Resource ID of the associated App Service plan, formatted as:

"/subscriptions/{subscriptionID}/resourceGroups/{groupName}/providers/Microsoft.Web/serverfarms/{appServicePlanName}"

.

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

```
PS C:\>Get-AzFunctionApp -Name MyAppName -ResourceGroupName MyResourceGroupName |  
Restart-AzFunctionApp -Force
```

----- EXAMPLE 2 -----

```
PS C:\>Restart-AzFunctionApp -Name MyAppName -ResourceGroupName MyResourceGroupName -Force
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.functions/restart-azfunctionapp>