

# Control Azure Web App Action



This action is a wrapper for the Azure command lines: [az webapp start](#) | [az webapp stop](#) | [az webapp restart](#). If you're having trouble using this action, or any of the Azure actions, please refer to the [Azure command line reference](#).

The Control Azure Web App action is a [premium action](#) that can be used to start, stop and restart [web apps](#) on Azure.

See also the [Create Azure Web App Action](#), [Delete Azure Web App Action](#) and [Upload Azure Web App Actions](#)

## Control Azure Web App

Control Azure Web App Action

Premium

Control Azure Web App

Authentication

Settings

Options

Environment

Comments

Required Field

Name

Control Azure Web App [ ]

☒ Enabled

Working Folder

SWorkspaceS

Optional working folder for running the executable. Defaults to the workspace folder.

Authentication Actions

☒ Login ☒ Logout

Choose whether to log in to Azure before running the command and logout after running the command.

Action

Start

☐ Use resource ID(s) to specify web apps to control

Web App Name

Name of the web app to control. [--name]

Resource Group

Name of the resource group the web app is under. [--resource-group]

Using

Azure.CLI.Default

Validate

Save

Cancel

Help

### Name

A friendly name for this action (will be displayed in the [actions workflow area](#)).

### Enabled

Determines if this action will be run within the relevant stage.

### Working Folder

The folder where the command line executable is run. This is optional and defaults to the workspace folder.

### Authentication Actions

Generally you will need to log in to Azure before running this action and log out afterwards. If you have several Azure actions in a stage, you can avoid repeated logins by unchecking the Login action on all but the first Azure action and unchecking the Logout action on all but the last Azure action. The Authentication tab will be shown if either of these options is ticked.

### Use resource ID(s) to specify web apps to control

If this ticked, the web app to control is identified by its resource ID.

### Resource ID(s)

This field is visible only if the checkbox 'Use resource ID(s) to specify web apps to control' is ticked.

The list of web app resource IDs to control. One ID per line. [--ids]

## Web App Name

The name of the web app to control. [--name]

## Resource Group

The name of the resource group the web app is under. [--resource-group]

## Using

The version of the Azure command line to use. It is important that the agent has the correct version of the Azure command line installed for command provided.

The Using drop down is populated with any property collector whose namespace matches the pattern defined by the Create Azure Resource Group action. The pattern for this action is `^Azure.Cli.*`

If you create a property collector for this action, make sure you select the **Path Finder Plugin** type and give it a name that will match the pattern above in blue. Example names listed [here](#), search the table's Plugin column for "**Azure Command**".

For more in-depth explanations on property collectors see [Property Collectors](#).

Alternatively, you can select the **Custom** option from the Using drop down list and specify a path in the resulting input field that will be displayed. Please read [Why it's a good idea to use a property collector](#) before using this option.

## Authentication

Control Azure Web App Action

Premium

Control Azure Web App

Authentication

Settings

Options

Environment

Comments

☐

Sign in/out using service principal [login --service-principal]

Username

[login | logout --username]

Password

\*\*\*\*\*

User's password [login --password]

Required Field

Validate

Save

Cancel

Help

### Sign in/out using service principal

Tick this to log in or out using a service principal instead of a username and password. An Azure service principal is an identity created for use with applications, hosted services, and automated tools to access Azure resources. This access is restricted by the roles assigned to the service principal, giving you control over which resources can be accessed and at which level. For security reasons, it's always recommended to use service principals with automated tools rather than allowing them to log in with a user identity. [login --service-principal]

## Username / Password Authentication

### Username

Enter a username to log into the Azure cloud. This is generally an email address. [login|logout --username]

### Password

The password associated with the Azure username. [login --username]

## Service Principal Authentication

**Control Azure Web App Action**Premium

**Control Azure Web App** **Authentication** Settings Options Environment Comments

☒ Sign in/out using service principal [login --service-principal]

**Name or URL**

The URL or name associated with the service principal. [login | logout --username]

**Client Secret or Certificate**

\*\*\*\*\*

Client secret or a pem file with key and public X509 certificate used to create the service principal. [login --password]

**Tenant**

acd5f022-23d6-4813-8ea7-65586a19cd38

The tenant associated with the service principal, as either an .onmicrosoft.com domain or Azure object ID. [login --tenant]

☐ Use certificate SN issuer [login --use-cert-sn-issuer]

Validate

Save

Cancel

Help

### Name or URL

Enter the application name or the URL associated with the service principal. [login --service-principal --username]

### Client Secret or Certificate

Enter the service principal password, or the path to a X509 certificate used to create the service principal in PEM format. [login --service-principal --password]

### Tenant

Enter the tenant associated with the service principal, as either an [.onmicrosoft.com](#) domain or Azure object ID. [login --service-principal --tenant]

### Use certificate SN issuer

Tick to support automatic certificate rollovers with service principals configured with Subject Name and Issuer Authentication. [login --use-cert-sn-issuer]

## Settings

Control Azure Web App Action

Premium

Control Azure Web App

Authentication

Settings

Options

Environment

Comments

Slot

Required Field

The name of the slot. Leave empty to default to the production slot. [--slot]

Subscription

Name or ID of the subscription. Leave blank for default. [--subscription]

Validate

Save

Cancel

Help

## Slot

The name of the slot. Leave empty to default to the production slot. [--slot]

## Subscription

The name or ID of the subscription to use. If omitted the default subscription for your environment will be used. [--subscription]

## Options

Control Azure Web App Action

Premium

Control Azure Web App

Authentication

Settings

Options

Environment

Comments

Required Field

Log Level

Normal

Timeout (in seconds)

0

How long to wait for the action to finish running before timing out. Leaving this blank (or zero) will default to 86400 seconds (24 hours).

No Response Timeout (in seconds)

0

How many seconds to wait for the Azure commands to respond with output before timing out. Leave zero to wait until the main timeout.

☐ Treat failure as warning

Tick to continue build on failure marking the action with a warning status.

☐ Ignore warnings

Validate

Save

Cancel

Help

## Log Level

The amount of information detail to display in the build log.

## Timeout (in seconds)

How long to wait for the action to finish running before timing out. Leaving this blank (or zero) will default to 86400 seconds (24 hours).

## No Response Timeout (in seconds)

How many seconds to wait for the Azure commands to respond with output before timing out. Leave zero to wait until the main timeout.

## Treat failure as warning

Tick to continue build on failure marking the action with a warning status.

## Ignore warnings

If this is ticked, any warnings logged will not mark the action with a warning status.

## Environment

Control Azure Web App Action

Premium

Control Azure Web App

Authentication

Settings

Options

Environment

Comments

Environment Variables

Required Field

variable\_name=variable\_value

Specify one name & value pair per line.

☒ Log environment variables

☐ Generate system environment variables

Tick this to set new environment variables prefixed with 'ContinuaCI.' for system objects and variables.

✓ Validate

Save

Cancel

Help

## Environment Variables

Multiple environment variables can be defined - one per line. These are set before the command line is run.

### Log environment variables

If this is ticked, environment variable values are written to the build log.

### Generate system environment variables

Tick this checkbox to set up a list of new environment variables prefixed with 'ContinuaCI.' for all current system expression objects and variables.

### Mask sensitive variable values in system environment variables

This checkbox is visible only if the 'Generate system environment variables' checkbox is ticked.

If this is ticked, the values of any variables marked as sensitive will be masked with \*\*\*\* when setting system environment variables. Clear this to expose the values.