

# Docker Push Action

 The Docker actions in Continua are a wrapper around the docker command line. If you're having trouble using any of the Docker actions, please refer to the [Command Line Reference](#).

The Docker Push action is a [premium action](#) which can be used to push a image to a remote Docker image registry. The action will log into the remote registry with the supplied registry user account and upload the specified image.

## Docker Push

**Docker Push Action** Premium

**Docker Push** Registry Options Environment Comments

**Name**  Required Field

Enabled

**Working Directory**  

The directory from where Docker commands should be run. Defaults to the workspace folder if left empty.

**Image Name**  

Name of the image push to the registry in the format your-username/image-name[:tag]

Skip image signing. [--disable-content-trust]

Specify remote Docker host  
Tick to open a new Host tab to specify an alternative Docker host to the one local to the agent.

**Using**

### 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 Directory

The directory where the Docker command will be run. If left empty, this defaults to the workspace folder.

### Image Name

Name and tag of the image to push to the registry in the format your-username/image-name[:tag].

### Skip image signing

Tick to skip image verification. Command line option: `--disable-content-trust`

### Specify remote Docker host

Tick to open a new Host tab to specify an alternative Docker host to the one local to the agent.

### Using

The version of Docker to use when running the Docker Push command. It is important that the correct version of Docker is installed on the agent.

The Using drop down is populated with any property collector whose namespace matches the pattern defined by the Docker Push action. The pattern for this action is `^Docker.*`

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 "Docker Push".

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.

## Host

The screenshot shows the 'Host' configuration tab for the 'Docker Push Action'. The interface includes a header with 'Docker Push Action' and 'Premium' on the right. Below the header are tabs for 'Docker Push', 'Host', 'Registry', 'Options', 'Environment', and 'Comments'. The 'Host' tab is active. A 'Required Field' indicator is present in the top right. The configuration fields are: 'Docker Host URL' (text input with 'docker.ourswarm.company.com or 10.0.1.172', description 'Docker host to run Docker commands from. [--host]', and a green checkmark icon); 'Use TLS' (checkbox, description 'Tick to connect to the Docker host using TLS. [--tls]'); 'CA Certificate' (text input with 'ca.pem', description 'Path to Docker host CA certificate file. [--tlscacert]', and a blue file selection icon); 'Certificate' (text input with 'cert.pem', description 'Path to Docker host certificate file. [--tlscert]', and a blue file selection icon); and 'Docker Host Key' (text input with 'key.pem', description 'Path to Docker host key file. [--tlskey]', and a blue file selection icon). At the bottom, there are three buttons: 'Validate' (with a checkmark icon), 'Save' (with a floppy disk icon), 'Cancel' (with an X icon), and 'Help' (with a question mark icon).

### Docker Host URL

The address of the host running the Docker daemon. This can be in the form of a URL or any IP4 Address. If a non-standard port is required simply use the <IPAddress>:<Port> specification format. [--host]

### Use TLS

Tick to connect to the Docker host using TLS where the host is not verified against a CA. [--tls]

### Verify TLS

This is available only if 'Use TLS' is ticked. Tick to verify the TLS certificate with a root authority. [--tlsverify]

When using Verify TLS, if the host's certification authority (CA) is not trusted by the agent, then the connection is not established.

**Note:** The --tls command line option is overridden.

### CA Certificate

The path to Docker host CA certificate file. [--tlscacert]

### Certificate

The path to Docker host certificate file. [--tls-cert]

### Docker Host Certificate Key

The path to a PEM format file containing the key for the accessing the Docker Host Certificate. [--tls-key]

## Registry

The screenshot shows a web interface for configuring a Docker Push Action. The title bar is blue and contains 'Docker Push Action' on the left and 'Premium' on the right. Below the title bar is a navigation menu with tabs: 'Docker Push', 'Registry' (which is selected), 'Options', 'Environment', and 'Comments'. The main content area has a 'Required Field' indicator in the top right. It contains three input fields: 'Registry URL' with the value 'https://index.docker.io/v1/' and a green checkmark icon; 'Username' with the value 'timmy' and a green checkmark icon; and 'Password' with masked characters '\*\*\*\*\*', an eye icon, and a green checkmark icon. Below the fields is a 'Validate' button with a checkmark icon. At the bottom right are 'Save', 'Cancel', and 'Help' buttons.

### Registry URL

The URL or server name to the registry to upload the image to. Leave blank to use Docker Hub.

### Username

Username for the registry account.

### Password

Password for the registry account.

## Options

**Docker Push Action** Premium

Docker Push Registry **Options** Environment Comments

Required Field

Log standard output. [--log-level]

Log Level

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).

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

Ignore warnings

### Log standard output

Tick to log standard output. [--log-level]

### 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).

### 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

**Docker Push Action** Premium

Docker Push   Registry   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.

### 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.