

aws

This plugin provides completion support for awscli and a few utilities to manage AWS profiles and display them in the prompt.

To use it, add **aws** to the plugins array in your zshrc file.

```
plugins=(... aws)
```

Plugin commands

- **asp** [<profile>]: sets `$AWS_PROFILE` and `$AWS_DEFAULT_PROFILE` (legacy) to <profile>. It also sets `$AWS_EB_PROFILE` to <profile> for the Elastic Beanstalk CLI. Run **asp** without arguments to clear the profile.
- **asp** [<profile>] **login**: If AWS SSO has been configured in your aws profile, it will run the `aws sso login` command following profile selection.
- **acp** [<profile>] [<mfa_token>]: in addition to **asp** functionality, it actually changes the profile by assuming the role specified in the <profile> configuration. It supports MFA and sets `$AWS_ACCESS_KEY_ID`, `$AWS_SECRET_ACCESS_KEY` and `$AWS_SESSION_TOKEN`, if obtained. It requires the roles to be configured as per the official guide. Run **acp** without arguments to clear the profile.
- **agp**: gets the current value of `$AWS_PROFILE`.
- **aws_change_access_key**: changes the AWS access key of a profile.
- **aws_profiles**: lists the available profiles in the `$AWS_CONFIG_FILE` (default: `~/.aws/config`). Used to provide completion for the **asp** function.

Plugin options

- Set `SHOW_AWS_PROMPT=false` in your zshrc file if you want to prevent the plugin from modifying your R

PROMPT. Some themes might overwrite the value of R

PROMPT instead of appending to it, so they'll need to be fixed to see the AWS profile prompt.

Theme

The plugin creates an `aws_prompt_info` function that you can use in your theme, which displays the current `$AWS_PROFILE`. It uses two variables to control how that is shown:

- `ZSH_THEME_AWS_PREFIX`: sets the prefix of the `AWS_PROFILE`. Defaults to `<aws:.`
- `ZSH_THEME_AWS_SUFFIX`: sets the suffix of the `AWS_PROFILE`. Defaults to `>.`

Configuration

Configuration and credential file settings by AWS

Scenario: IAM roles with a source profile and MFA authentication

Source profile credentials in ~/.aws/credentials:

```
[source-profile-name]
aws_access_key_id = ...
aws_secret_access_key = ...
```

Role configuration in ~/.aws/config:

```
[profile source-profile-name]
mfa_serial = arn:aws:iam::111111111111:mfa/myuser
region = us-east-1
output = json
```

```
[profile profile-with-role]
role_arn = arn:aws:iam::999999999999:role/myrole
mfa_serial = arn:aws:iam::111111111111:mfa/myuser
source_profile = source-profile-name
region = us-east-1
output = json
```