AWS ❯ Documentation ❯ Amazon EKS ❯ User Guide

Installing `eksctl`

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This topic covers `eksctl`, a simple command line utility for creating and managing Kubernetes clusters on Amazon EKS. The `eksctl` command line utility provides the fastest and easiest way to create a new cluster with nodes for Amazon EKS. For more information and to see the official documentation, visit https://eksctl.io/ ⧉ (https://github.com/weaveworks/eksctl) .

This topic helps you to download and install `eksctl` binaries for macOS, Linux, and Windows operating systems.

Prerequisite

The `kubectl` command line tool installed on your computer or AWS CloudShell. The version must be the same, or up to two versions later than your cluster version. To install or upgrade `kubectl`, see Installing kubectl (./install-kubectl.html) .

Installing or upgrading `eksctl`

This section helps you install or upgrade to the latest version of the `eksctl` command line utility. Complete the procedure for your operating system.

macOS	**Linux**	**Windows**

To install or upgrade `eksctl` on macOS

The easiest way to get started with Amazon EKS and macOS is by installing `eksctl` with Homebrew, an open-source tool that can be installed using these instructions ⧉ (https://brew.sh/) . The `eksctl` Homebrew recipe installs `eksctl` and any other dependencies that are required for Amazon EKS, such as `kubectl`. The recipe also installs the aws-iam-authenticator (./install-aws-iam-authenticator.html) , which is required if you don't have the AWS CLI version 1.16.156 or higher installed.

1. If you do not already have Homebrew installed on macOS, install it with the following command.

```
/bin/bash -c "$(curl -fsSL
https://raw.githubusercontent.com/Homebrew/install/mas
ter/install.sh)"
```

2. Install the Weaveworks Homebrew tap.

```
brew tap weaveworks/tap
```

3. Install or upgrade `eksctl`.

   - Install `eksctl` with the following command:

   ```
   brew install weaveworks/tap/eksctl
   ```

   - If `eksctl` is already installed, run the following command to upgrade:

   ```
   brew upgrade eksctl && brew link --overwrite eksctl
   ```

4. Test that your installation was successful with the following command.

```
eksctl version
```

> ⓘ **Note**
>
> The `GitTag` version should be at least `0.99.0`. If not, check your
> terminal output for any installation or upgrade errors, or manually
> download an archive of the release from
> https://github.com/weaveworks/eksctl/releases/download/v0.99.0/eks
> ctl_Darwin_amd64.tar.gz ☑
> (https://github.com/weaveworks/eksctl/releases/download/v0.99.0/eksctl_Dar
> win_amd64.tar.gz) , extract `eksctl`, and then run it.