

## ▼ Installing prerequisites on MAC

Install the prerequisites by running:

None

```
brew install git terraform confluentinc/tap/cli awscli
```

Install Kafka command-line interface (CLI) on your laptop without running a local Kafka server.

1. Download the Kafka binaries:

None

```
cd /$HOME
curl -O
https://downloads.apache.org/kafka/3.9.0/kafka_2.13-3.
9.0.tgz
tar -xzf kafka_2.13-3.9.0.tgz
mv kafka_2.13-3.9.0 kafka
```

2. Configure Your System's PATH

2.1. Open your shell profile file. This is typically `~/.zshrc` for Zsh (the default on modern macOS) or `~/.bash_profile` or `~/.bashrc` for Bash.

2.2. Add the following line to the end of the file.

None

```
export PATH="$PATH:$HOME/kafka/bin"
```

2.3. Apply the changes by restarting your terminal or running `source ~/.zshrc` (or the appropriate file for your shell).

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## ▼ Installing prerequisites on Windows

Install the prerequisites by running:

None

```
winget install --id Git.Git -e
winget install --id Hashicorp.Terraform -e
winget install --id ConfluentInc.Confluent-CLI -e
winget install --id Amazon.AWSCLI -e
winget install --id Microsoft.Open JDK.17 -e
```

Install Kafka command-line interface (CLI) on your laptop without running a local Kafka server.

1. Go to the Apache Kafka downloads page and find the archive for `2.13-3.9.0`. Download the binary `.tgz` file.
2. Windows doesn't natively handle `.tgz` files well. Use a tool like 7-Zip to extract the contents. Extract the files to a simple path, like `C:\kafka`.
3. The Kafka CLI scripts for Windows are located in the `bin\windows` directory.

3.1. Open the "Environment Variables" settings:

- Press `Win + S` and search for "Edit the system environment variables."
- Click the "Environment Variables..." button.

3.2. Edit the Path variable: In the "System variables" section, find and select the `Path`

variable, then click "Edit."

### 3.3. Add the Kafka `bin\windows` path:

- Click "New" and paste the full path to the `bin\windows` directory inside your extracted
- Save your changes by clicking "OK" on all the windows.
- Restart your Command Prompt or PowerShell for the changes to take effect.

*P.S. Don't forget to [register](#) for Confluent Cloud!*