



DYALOG

Belfast 2018

Workshop TP2

APL in the Cloud

Amazon Web Services

Morten Kromberg, CXO, Dyalog
Andy Shiers, COO, Dyalog

Creating an AWS VM

- (demo)



Exercise: Install git and docker

Ubuntu

```
sudo snap install docker
snap services docker
sudo groupadd docker
sudo usermod -aG docker mkrom
(log out and in again)
```

Downloaded docker-compose from
github.com/docker/compose/releases
sudo mv Downloads/docker-compose-Linux-x86-64
/usr/local/bin/docker-compose
sudo chmod +x /usr/local/bin/docker-compose

Amazon Linux

```
sudo yum update -y
sudo yum install -y docker
sudo service docker start
sudo usermod -a -G docker ec2-user
(log out and in again)
```

```
sudo pip install docker-compose
docker-compose --version
sudo yum install git
```



Exercise

- Use git clone to load the zodiacservice
- Use docker-compose to start the service
- Verify that it works



AWS Cli Demo



Install the AWS Command Line Interface

Secure | <https://docs.aws.amazon.com/cli/latest/userguide/awscli-install-windows.html>

Apps APL What is Docker? Help

Menu

aws

GitHub PDF Docker English

Sign In to the Console

AWS Command Line Interface

User Guide

Documentation - This Guide

Search

What Is the AWS CLI?

Install

Linux

Windows

macOS

Virtualenv

Bundled Installer

Configure

Tutorial: Using Amazon EC2

Using the AWS CLI

Working with Services

Troubleshooting

AWS Documentation » AWS Command Line Interface » User Guide » Installing the AWS Command Line Interface » Install the AWS Command Line Interface on Microsoft Windows

Install the AWS Command Line Interface on Microsoft Windows

You can install the AWS CLI on Windows with a standalone installer or `pip`, a package manager for Python. If you already have `pip`, follow the instructions in the main [installation topic](#).

Sections

- MSI Installer
- Install Python, `pip`, and the AWS CLI on Windows
- Adding the AWS CLI Executable to your Command Line Path

MSI Installer

The AWS CLI is supported on Microsoft Windows XP or later. For Windows users, the MSI installation package offers a familiar and convenient way to install the AWS CLI without installing any other prerequisites.

When updates are released, you must repeat the installation process to get the latest version of the AWS CLI. If you prefer to update frequently, consider [using `pip`](#) for easier updates.

To install the AWS CLI using the MSI installer

- Download the appropriate MSI installer.
 - Download the AWS CLI MSI installer for Windows (64-bit)
 - Download the AWS CLI MSI installer for Windows (32-bit)

On this page:

MSI Installer

Windows

Adding the AWS CLI Executable to your Command Line Path

Terms of Use | Privacy | © 2018, Amazon Web Services, Inc. or its affiliates. All rights reserved.

Have a question? Try the Forums.

Did this page help you?

Yes

No

Feedback

#dialog









