

Steps for Workshop Pre-requisites

Install VM in Vagrant/VirtualBox environment:

1. Install VirtualBox from <https://www.virtualbox.org/wiki/Downloads>
2. Install Vagrant on your host machine (<https://www.vagrantup.com/downloads.html>)
3. Create VM.
 - a. Create a directory for the VM.
 - b. In the newly created directory, initialize Vagrant for the VM & start VM.
For Ubuntu Xenial VM:
vagrant init ubuntu/xenial64
vagrant up
4. SSH to the VM
vagrant ssh
5. Install node.js and npm in the VM.
(<https://nodejs.org/en/download/package-manager>)
Make sure you have node.js v4 or greater. (Run “node -v” to check your version)
6. Install Serverless framework.
npm install -g serverless
7. Check if serverless is installed properly by running
serverless --version

Set up Amazon Web Services (AWS) account:

8. Create an AWS account at <https://aws.amazon.com/> if you don't already have one.
Make sure you put in your credit card information. AWS Free Tier will give you free AWS services for a year.
9. Login to your AWS account and go to Identity and Access Management (IAM) page.
10. Click on Users > Add User. Enter a name for the user like 'serverless-admin' and also select the Access type “Programmatic access”. Click Next. Select “Attach Existing Policies Directly” and then select the “AdministratorAccess” from the list. Click on “Next” and then “Create User” on the next page.
11. Copy the Access Key ID and the Secret access key and store them in a file for use in step 12.
12. Configure the Serverless Framework to use your AWS Key & Secret by running:
serverless config credentials --provider aws --key <Access Key ID> --secret <Secret access key>