

Module 4: Hands-On: Puppet Installation on Ubuntu

Contact us: support@intellipaat.com / © Copyright Intellipaat / All rights reserved



Installing Puppet Master:

We need to use Ubuntu 18.04, ami with t2.micro and security group as All Traffic.

Step 1: Run the following commands for installing Puppet Master:

\$ sudo apt-get update
\$ sudo apt-get install wget
\$ wget https://apt.puppetlabs.com/puppet-release-bionic.deb
\$ sudo dpkg -i puppet-release-bionic.deb
\$ sudo apt-get update
\$ apt policy puppet master
\$ sudo apt-get install puppet-master



Installing Puppet Agent:

Step 1: Run the following commands for installing Puppet Agent:



Configuring Puppet Master:

Startup options.

DAEMON OPTS=""

Step 1: Add the following lines in the puppet-master configuration file:





Step 2: Next open port 8140 on the Puppet Master's firewall



Step 3: Make changes to the hosts file which exists in /etc/hosts. And add the Puppet Master IP address along with the name "puppet"





Step 4: Create the following directory path:

\$ sudo mkdir -p /etc/puppet/code/environments/production/manifests

∰ ubuntu@ip-172-31-45-144:~ ubuntu@ip-172-31-45-144:~\$ sudo mkdir -p /etc/puppet/code/environments/productio n/manifests ubuntu@ip-172-31-45-144:~\$

Configuring Puppet Slave:

Step 1: Add the entry for Puppet Master in /etc/hosts



Step 2: Finally start the Puppet agent by using the following command. Also, enable the service, so that it starts when the computer starts.

\$ sudo systemctl start puppet

\$ sudo systemctl enable puppet





On Master:

Step 1: Type the following command:

\$ sudo puppet cert list		
學 ubuntu@ip-172-31-45-144: ~		
ubuntu@ip-172-31-45-144:~\$ sudo puppe "ip-172-31-41-253.us-east-2.compute	t cert list .internal" (SHA25	6) 1F:2A:14:36:D0:4D:E0:4
:2B:DA:BC:9F:E0:81:9E:01:00:0F:16:09:2 ubuntu@ip-172-31-45-144:~\$	A8:6B:FA:30:CF:8B	:EA:0D:4F:02:4D:1B

Step 2: Finally, sign the listed certificate using the following command:

\$ sudo puppet cert sign --all



You are now ready to use the Puppet cluster!