

## How to install Ansible in Centos 7/ Amazon Linux

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In this session, we are going to discuss how to install Ansible in Centos 7.

### Prerequisites:

You must be logged in via SSH as sudo or root user to install the packages.

**Step 1:** Update the packages using yum command

```
[root@ip-172-31-89-37 ~]# sudo yum update -y
```

### Output:

```
Installed:
kernel.x86_64 0:5.10.135-122.509.amzn2

Updated:
chrony.x86_64 0:4.2-5.amzn2.0.2
dhclient.x86_64 12:4.2.5-79.amzn2.1.1
dhcp-common.x86_64 12:4.2.5-79.amzn2.1.1
dhcp-libs.x86_64 12:4.2.5-79.amzn2.1.1
gnupg2.x86_64 0:2.0.22-5.amzn2.0.5
kernel-tools.x86_64 0:5.10.135-122.509.amzn2

Complete!
```

**Step 2: Install EPEL Repository**

By default ansible is not available on the official repository of CentOS 7/Amazon linux. But it is available in the epel repository.

So first, We have to enable the epel repository in CentOS 7/Amazon linux . So using yum command you can install **epel-release** packages.

If you are using Centos 7 to install epel repository use below command

```
[root@ip-172-31-89-37 ~]# sudo yum install epel-release -y
```

**Output:**

```
Running transaction
  Installing : epel-release-7-11.noarch
  Verifying  : epel-release-7-11.noarch

Installed:
  epel-release.noarch 0:7-11

Complete!
```

If you are using Amazon Linux to install epel repository use below command

```
[root@ip-172-31-89-37 ~]# sudo amazon-linux-extras install epel -y
```

**Output :**

```
Running transaction
  Installing : epel-release-7-11.noarch
  Verifying  : epel-release-7-11.noarch

Installed:
  epel-release.noarch 0:7-11

Complete!
```

### Step 3: Install ansible using yum command

If you are using Centos 7 to install ansible use below command

```
[root@ip-172-31-89-37 ~]# sudo yum install ansible -y
```

### Output:

```
Installed:
  ansible.noarch 0:2.9.23-1.amzn2

Dependency Installed:
  libtomcrypt.x86_64 0:1.18.2-1.amzn2.0.1      libtommath.x86_64 0:1.0.1-4.amzn2.0.1      python-keyczar.noarch 0:0.71c-2.amzn2
  python2-crypto.x86_64 0:2.6.1-13.amzn2.0.3    python2-ecdsa.noarch 0:0.13.3-1.amzn2.0.1    python2-httpplib.noarch 0:0.18.1-3.amzn2
  python2-paramiko.noarch 0:1.16.1-3.amzn2.0.2    sshpass.x86_64 0:1.06-1.amzn2.0.1

Complete!
```

If you are using Amazon Linux to install ansible use below command

```
[root@ip-172-31-89-37 ~]# sudo amazon-linux-extras install ansible2 -y
```

### Output:

```
Installed:
  ansible.noarch 0:2.9.23-1.amzn2

Dependency Installed:
  libtomcrypt.x86_64 0:1.18.2-1.amzn2.0.1      libtommath.x86_64 0:1.0.1-4.amzn2.0.1      python-keyczar.noarch 0:0.71c-2.amzn2
  python2-crypto.x86_64 0:2.6.1-13.amzn2.0.3    python2-ecdsa.noarch 0:0.13.3-1.amzn2.0.1    python2-httpplib.noarch 0:0.18.1-3.amzn2
  python2-paramiko.noarch 0:1.16.1-3.amzn2.0.2    sshpass.x86_64 0:1.06-1.amzn2.0.1

Complete!
```

### Step 4: Check whether ansible is installed or using below command

```
[root@ip-172-31-89-37 ~]# sudo ansible --version
```

### Output:

```
[root@ip-172-31-89-37 ~]# ansible --version
ansible 2.9.23
  config file = /etc/ansible/ansible.cfg
  configured module search path = [u'/root/.ansible/plugins/modules', u'/usr/share/ansible/plugins/modules']
  ansible python module location = /usr/lib/python2.7/site-packages/ansible
  executable location = /usr/bin/ansible
  python version = 2.7.18 (default, May 25 2022, 14:30:51) [GCC 7.3.1 20180712 (Red Hat 7.3.1-15)]
[root@ip-172-31-89-37 ~]#
[root@ip-172-31-89-37 ~]#
[root@ip-172-31-89-37 ~]#
[root@ip-172-31-89-37 ~]#
```

**\*\* Thank you for watching this Video. We will see you in the next video. \*\***

## About the Author:



### **MOOLE MURALIDHARA REDDY** **Solution Architect / DevOps Consultant**

- I am having rich experience in Devops and Cloud technologies and have done many projects on all varieties of tools which are hot cake in the market.
- I am passionate about learning new technology and teaching.
- My courses focus on providing students with an interactive and hands-on experience in learning new technology that makes learning really interesting.
- I have a wide range of experience in Telecom, Banking, Healthcare, Retail domains.
- I have been training people in newer technologies, like DevOps, AWS, Kubernetes, Terraform, Rancher, etc. and they have settled in MNC's and drawing respectable salaries.
- I have undergone many challenges and changed the entire phase of the projects.
- Certified in AWS, Kubernetes , Terraform, Linux and many to go.

**Please check out my courses and join me with thousands of others who are learning the latest DevOps and Cloud tools!**

**Website Url:** <https://www.techworldwithmurali.com/>

**Linkedin Profile :** <https://www.linkedin.com/in/moole-muralidhara-reddy/>