

APISIX and APISIX dashboard installations

Source:-<https://apisix.apache.org/docs/apisix/2.9/architecture-design/apisix>

To install APISIX and APISIX dashboard..

Since we are using version APISIX version 2.9 and APISIX dashboard version 2.8 we will be downloading the same..

Stage1:-To install APISIX server

step1:- First we have to download the dependencies for APISIX

<https://apisix.apache.org/docs/apisix/2.9/install-dependencies/>

install etcd

```
wget https://github.com/etcd-io/etcd/releases/download/v3.4.13/etcd-v3.4.13-linux-amd64.tar.gz
tar -xvf etcd-v3.4.13-linux-amd64.tar.gz &&
cd etcd-v3.4.13-linux-amd64 &&
sudo cp -a etcd etcdctl /usr/bin/
```

add OpenResty source

```
sudo yum install yum-utils
sudo yum-config-manager --add-repo https://openresty.org/package/centos/openresty.repo
```

install OpenResty and some compilation tools

```
sudo yum install -y openresty curl git gcc openresty-openssl111-devel
unzip pcre pcre-devel
```

install LuaRocks

```
curl https://raw.githubusercontent.com/apache/apisix/master/utils/linux-install-luarocks.sh -sL | bash -
```

start etcd server

```
nohup etcd &
```

Step2:-Install APISIX server

```
sudo yum install -y https://github.com/apache/apisix/releases/download/2.9/apisix-2.9-0.el7.x86_64.rpm
```

Stage2:-Install APISIX dashboard..

```
sudo yum install https://github.com/apache/apisix-dashboard/releases/download/v2.8/apisix-dashboard-2.8.0-0.el7.x86_64.rpm
```

Step1:-To configure dashboard settings

open conf.yaml

vi /usr/local/apisix/dashboard/conf/conf.yaml

```
31 # key: /tmp/secret/example.key # Path of your SSL key.
32
33 allow_list:                # If we don't set any IP list, then any IP access is allowed by default.
34   - 0.0.0.0/0              # The rules are checked in sequence until the first match is found.
35   - :::/0                  # In this example, access is allowed only for IPv4 network 127.0.0.1, and for IPv6 network ::1.
36                             # It also support CIDR like 192.168.1.0/24 and 2001:0db8::/32
37 etcd:
```

allow list should be as shown in the above figure and restart should be done

cd /usr/local/apisix/dashboard

```
./manager-api restart
```