<onos-buck설치>

yum install git zip curl unzip

git clone https://gerrit.onosproject.org/onos

cd onos

export ONOS\_ROOT=/root/onos

echo $ONOS\_ROOT

tools/build/onos-buck build onos --show-output

tools/build/onos-buck run onos-local -- clean debug

tools/test/bin/onos localhost

브라우져 <http://localhost:8181/onos/ui>

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<mininet설치>

git clone git://github.com/mininet/mininet.git

vi mininet/util/install.sh

test -e /etc/centos-release && DIST="CentOS"

if [ "$DIST" = "CentOS" ] ; then

install='sudo yum -y install'

remove='sudo yum -y erase'

pkginst='sudo rpm -ivh'

if ! which lsb\_release &> /dev/null ; then

$install redhat-lsb-core

fi

DISTS='Ubuntu|Debian|Fedora|CentOS|RedHatEnterpriseServer|SUSE LINUX'

mininet/util/install.sh -nf

<ovs설치>

yum -y install gcc make python-devel openssl-devel kernel-devel graphviz kernel-debug-devel autoconf automake rpm-build redhat-rpm-config libtool

mkdir -p ~/rpmbuild/SOURCES

cd rpmbuild/SOURCES/

wget http://openvswitch.org/releases/openvswitch-2.5.0.tar.gz

tar xvfz openvswitch-2.5.0.tar.gz

cd openvswitch-2.5.0

rpmbuild -bb --without check rhel/openvswitch.spec

rpm -ivh --nodeps /root/rpmbuild/RPMS/x86\_64/openvswitch\*.rpm

systemctl start openvswitch

systemctl enable openvswitch

systemctl status openvswitch

ovs-vsctl show

<실행>

mn --topo tree,2,3 --controller=remote,ip=127.0.0.1,port=6633

tools/test/bin/onos localhost

onos> apps -s -a

\* 7 org.onosproject.drivers 1.13.0.SNAPSHOT Default Drivers

onos> app activate org.onosproject.fwd

Activated org.onosproject.fwd

onos> app activate org.onosproject.proxyarp

Activated org.onosproject.proxyarp

onos> apps -a -s

\* 7 org.onosproject.drivers 1.13.0.SNAPSHOT Default Drivers

\* 78 org.onosproject.fwd 1.13.0.SNAPSHOT Reactive Forwarding

\* 86 org.onosproject.proxyarp 1.13.0.SNAPSHOT Proxy ARP/NDP