===================**KSA-Jenkins-Server-software-on-ubuntu-20.04**==================

**1.Ansible(Version:core 2.12.7)**

apt update

sudo apt install software-properties-common

sudo add-apt-repository --yes --update ppa:ansible/ansible

sudo apt install ansible

**2.Java(Version:11.0.15)**

apt install openjdk-11-jre-headless

**3.Jenkins(Version:2.346.2)**

wget -p -O - https://pkg.jenkins.io/debian/jenkins.io.key | sudo apt-key add -

sudo sh -c 'echo deb http://pkg.jenkins.io/debian-stable binary/ > /etc/apt/sources.list.d/jenkins.list'

apt update

sudo apt install jenkins

systemctl enable jenkins.service

systemctl restart jenkins.service

**4.Nginx:(Version: nginx/1.20.0)**

add-apt-repository ppa:ondrej/nginx

apt update

apt-get install nginx

systemctl enable nginx.service

systemctl start nginx.service

**5.Auditd:**

apt-get install auditd

systemctl enable auditd.service

systemctl restart auditd.service

**6.Nagios:**

mkdir /download

cd /download

useradd nagios

apt-get update

apt-get install build-essential libgd-dev openssl libssl-dev unzip

curl -L -O http://nagios-plugins.org/download/nagios-plugins-2.2.1.tar.gz

tar zxf nagios-plugins-\*.tar.gz

cd nagios-plugins-2.2.1/

./configure --with-nagios-user=nagios --with-nagios-group=nagios --with-openssl

make

make install

cd ..

curl -L -O https://github.com/NagiosEnterprises/nrpe/releases/download/nrpe-3.2.1/nrpe-3.2.1.tar.gz

tar zxf nrpe-\*.tar.gz

cd nrpe-3.2.1/

./configure --enable-command-args --with-nagios-user=nagios --with-nagios-group=nagios --with-ssl=/usr/bin/openssl --with-ssl-lib=/usr/lib/x86\_64-linux-gnu

make all

make install

make install-config

make install-init

systemctl start nrpe.service

systemctl enable nrpe.service

apt-get install libmonitoring-plugin-perl

apt-get install libwww-perl

apt-get install libchi-driver-redis-perl

**7.CrowdStrike:**

apt-get install -y libnl-genl-3-200

dpkg -i falcon-sensor\_6.16.0-11307\_amd64.deb

/opt/CrowdStrike/falconctl -s --cid=6F3A0CF07D8344B18356705A8D82DFC4-11

/opt/CrowdStrike/falconctl -s -f --tags="sn-riy-ksa,Deploy,Jenkins,Cloud,APP,Deploy-jenkins"

systemctl start falcon-sensor

systemctl enable falcon-sensor