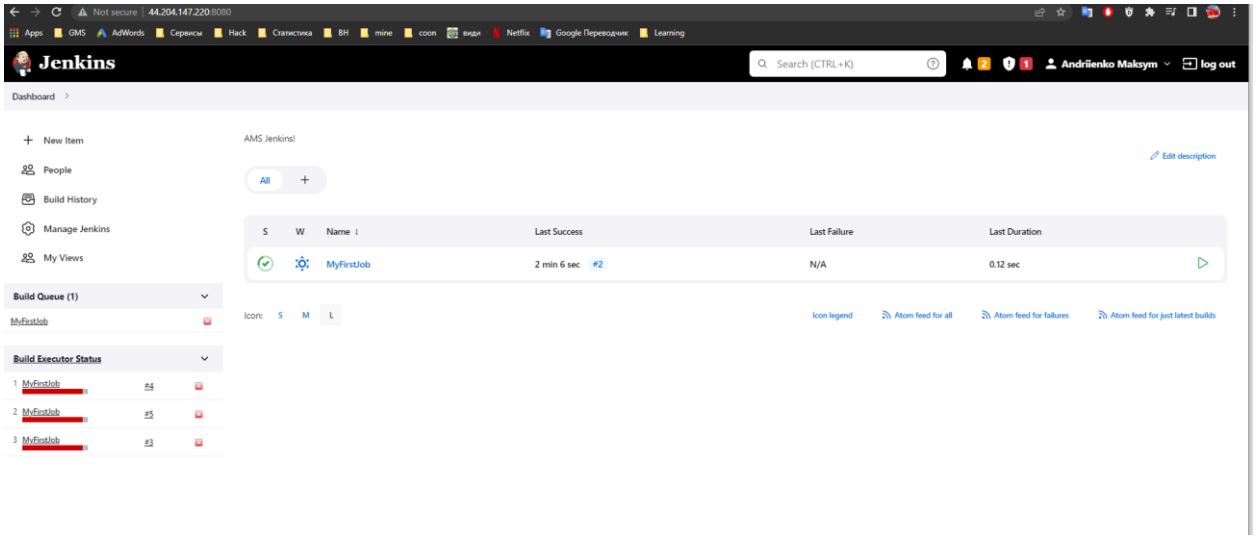
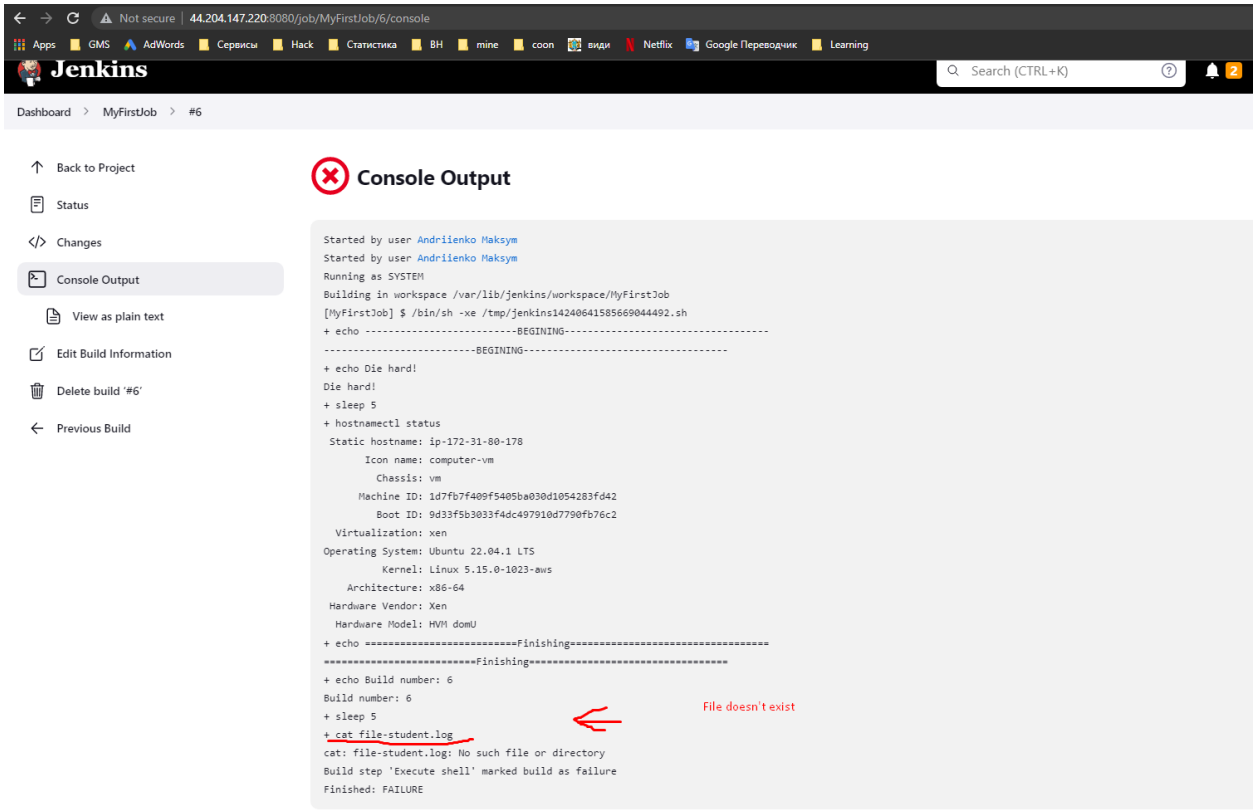
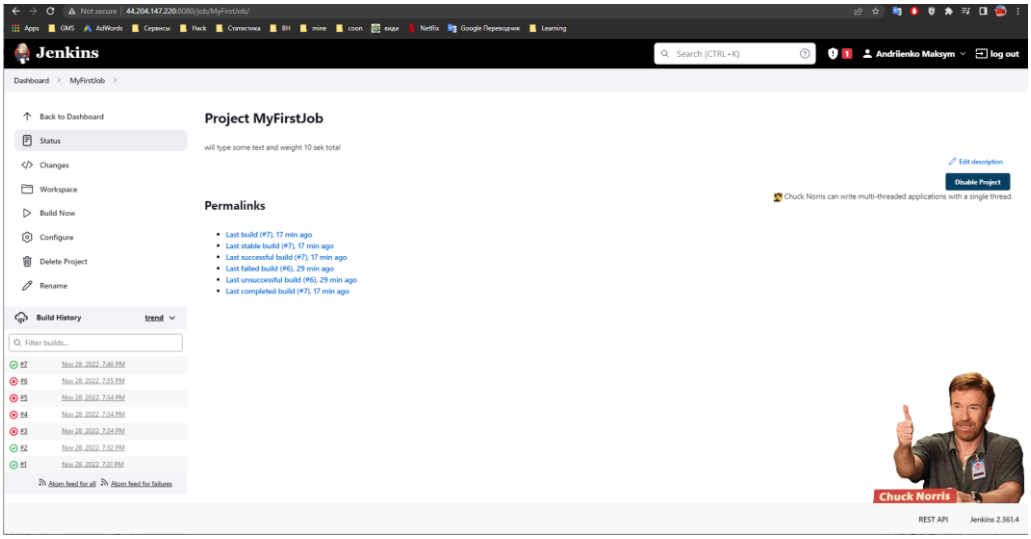
1) Created new job, add sleep timer and run it parallel at 3 slaves:





2) Changing UI by installing new plugins – added Chuck Norris plugin:



3) Changing saving builds quantity according to instructions:

Before changing:

```
ubuntu@ip-172-31-80-178:/var/lib/jenkins/jobs/MyFirstJob/builds$ ls
1  10  11  2  3  4  5  6  7  8  9  legacyIds  permalinks
```

After changes:

```
ubuntu@ip-172-31-80-178:/var/lib/jenkins/jobs/MyFirstJob/builds$ ls
10  11  12  9  legacyIds  permalinks
```

4) Simple job example in Jenkins with deploy

Execute shell

Command

See the list of available environment variables

```
echo "------------------Build started--------------------"
sleep 5
cd /var/www/html
sudo cat <<EOF > index.html
<html>
<body bgcolor=black>
<center><h2><font color = "White">Hello world!</font></h2></center>
</body>
</html>
echo "------------------Build ended--------------------"
```

Advanced...

Execute shell

Command

See the list of available environment variables

```
echo "====================Test started====================="
sleep 5
result=`grep "Hello" index.html | wc -l`
echo $result
if [ "$result" = "1" ]
then
    echo "Test Passed"
else
    echo "Test Failed"
    exit 1
fi
echo "====================Test ended======================="
```

Execute shell

Command

See the list of available environment variables

```
echo "~~~~~~~~~~~~~~~~~~~~Deployment started~~~~~~~~~~~~~~~~~~~"
ls -la
ip address
hostname
echo "~~~~~~~~~~~~~~~~~~~~Deployment ended~~~~~~~~~~~~~~~~~~~~"
```

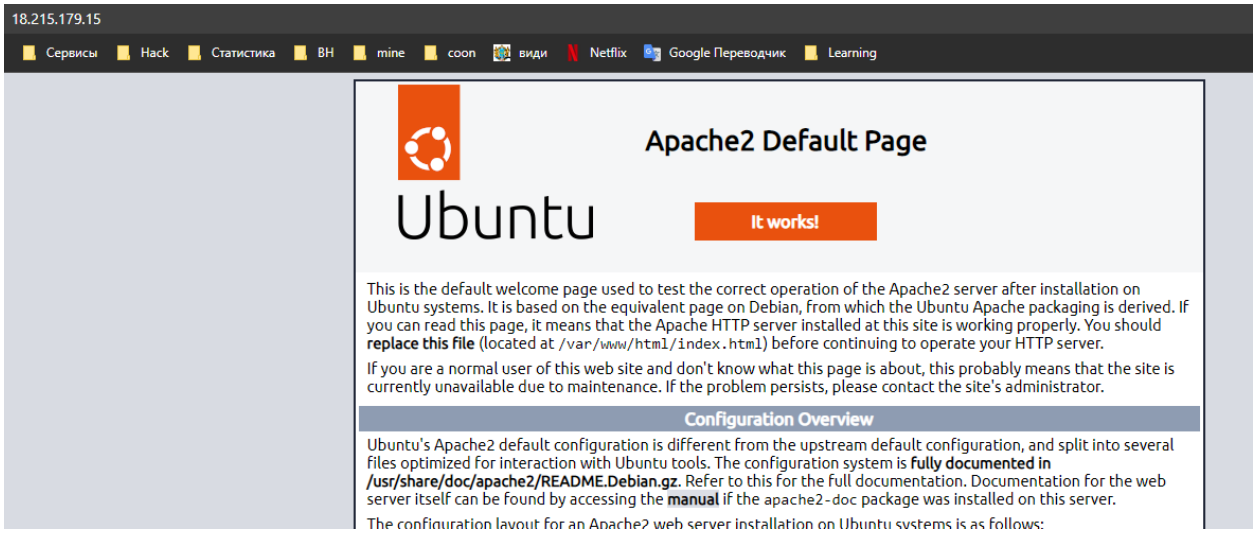
Advanced...

Add build step

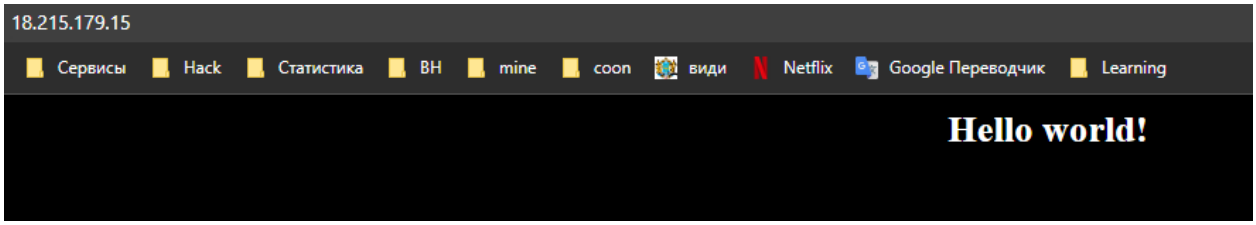
Post-build Actions

Activate Chuck Norris

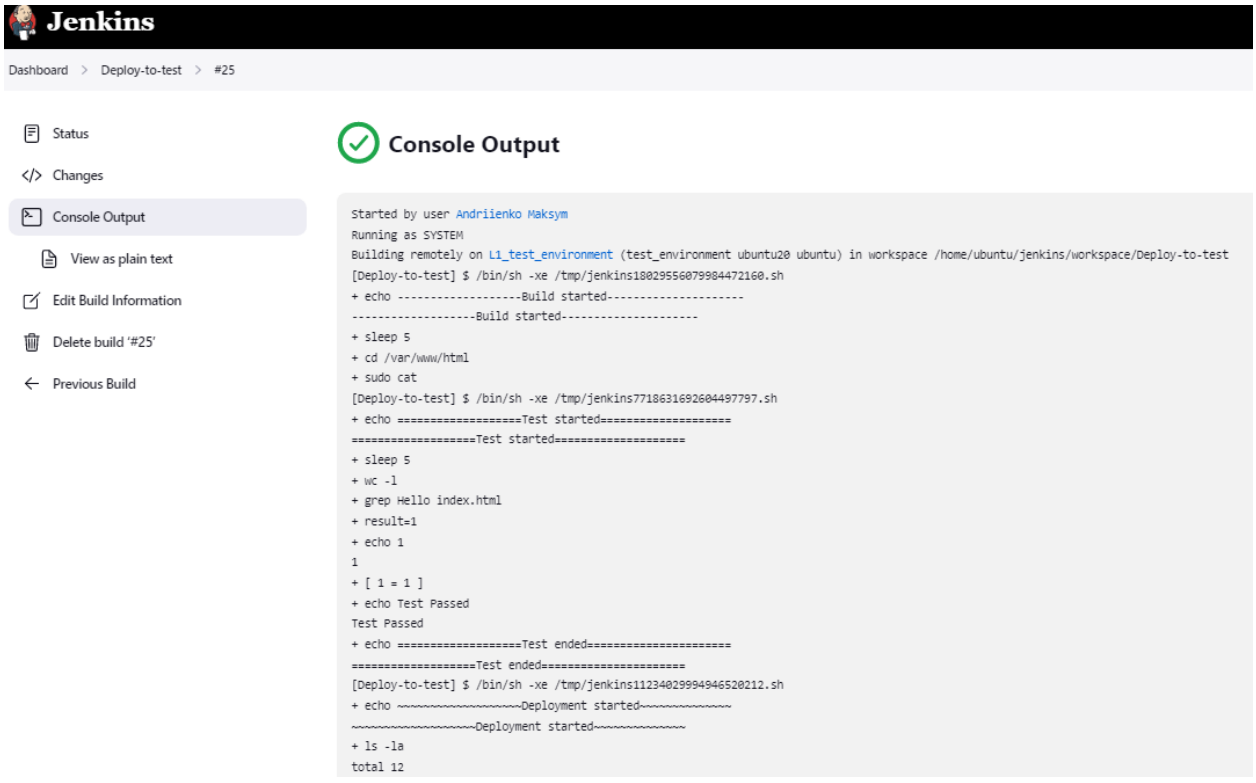
Before executing the script:



After executing the script:



Jenkins log:



```
drwxrwxr-x 2 ubuntu ubuntu 4096 Nov 30 17:14 .
drwxrwxr-x 5 ubuntu ubuntu 4096 Nov 30 17:14 ..
-rw-rw-r-- 1 ubuntu ubuntu  141 Nov 30 17:33 index.html
+ ip address
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 9001 qdisc fq_codel state UP group default qlen 1000
    link/ether 0a:4e:82:a2:76:5f brd ff:ff:ff:ff:ff:ff
    inet 172.31.22.191/20 metric 100 brd 172.31.31.255 scope global dynamic eth0
       valid_lft 2822sec preferred_lft 2822sec
    inet6 fe80::84e:82ff:fea2:765f/64 scope link
       valid_lft forever preferred_lft forever
+ hostname
ip-172-31-22-191
+ echo ~~~~~~~~~~~~~~~~~~~~Deployment ended~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~~~~~~~~Deployment ended~~~~~~~~~~~~~~~~~
Finished: SUCCESS
```

5)