



## LISTA DE COMANDOS ATIVIDADE01 AWS

# Passo 1: Atualizar o sistema

```
sudo yum update -y
```

# **Passo 2: Instalar Apache**

```
sudo yum install httpd -y
```

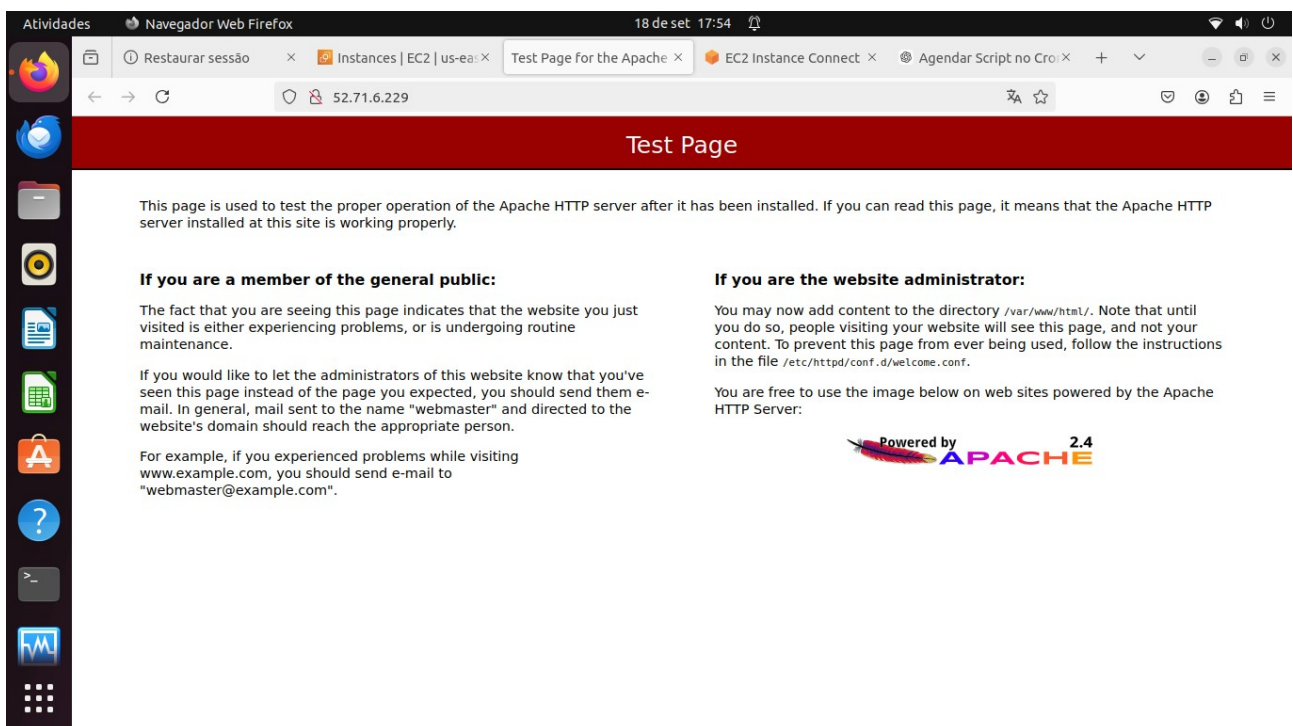
# Iniciar o Apache

```
sudo systemctl start httpd
```

```
sudo systemctl enable httpd
```

# Verificar status do Apache

```
sudo systemctl status httpd
```



### # Passo 3: Criar diretório para armazenar logs no NFS

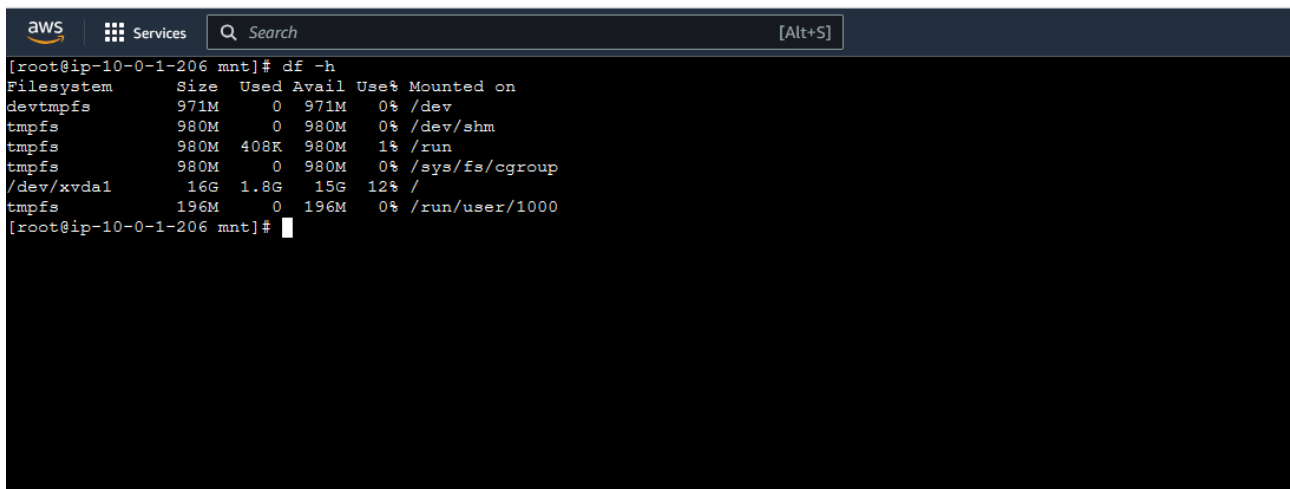
```
sudo yum install nfs-utils -y
```

# Após instalar o NFS, monte o diretório NFS no sistema. Você deve saber o endereço do servidor NFS e o caminho que deseja montar. A AWS usa o Amazon EFS (Elastic File System) como um serviço NFS.

```
fs-0f778e97844321a74.efs.us-east-1.amazonaws.com:/mnt/nfs/fabio-veras nfs4 defaults 0 0
```

# Depois de executar o comando de montagem, verifique se o NFS foi montado corretamente:

```
df -h
```



```
[root@ip-10-0-1-206 mnt]# df -h
Filesystem      Size  Used Avail Use% Mounted on
devtmpfs        971M   0  971M   0% /dev
tmpfs           980M   0  980M   0% /dev/shm
tmpfs           980M 408K  980M   1% /run
tmpfs           980M   0  980M   0% /sys/fs/cgroup
/dev/xvda1      16G  1.8G   15G  12% /
tmpfs           196M   0  196M   0% /run/user/1000
[root@ip-10-0-1-206 mnt]#
```

# Para garantir que o NFS seja montado automaticamente na inicialização, edite o arquivo /etc/fstab:

```
mkdir fabio-veras
```

### # Passo 4: Criar script de monitoramento

```
#!/bin/bash
```

```
SERVICE="httpd"
```

```
STATUS=$(systemctl is-active $SERVICE)
```

```
DATE=$(date '+%Y-%m-%d %H:%M:%S')
```

```
DIR="/mnt/nfs/fabio-veras"
```

```
if [ "$STATUS" = "active" ]; then
```

```
    echo "$DATE - $SERVICE - ONLINE - APACHE está ONLINE" > $DIR/apache_online.txt
```

```
else
```

```
    echo "$DATE - $SERVICE - OFFLINE - APACHE está OFFLINE" > $DIR/apache_offline.txt
```

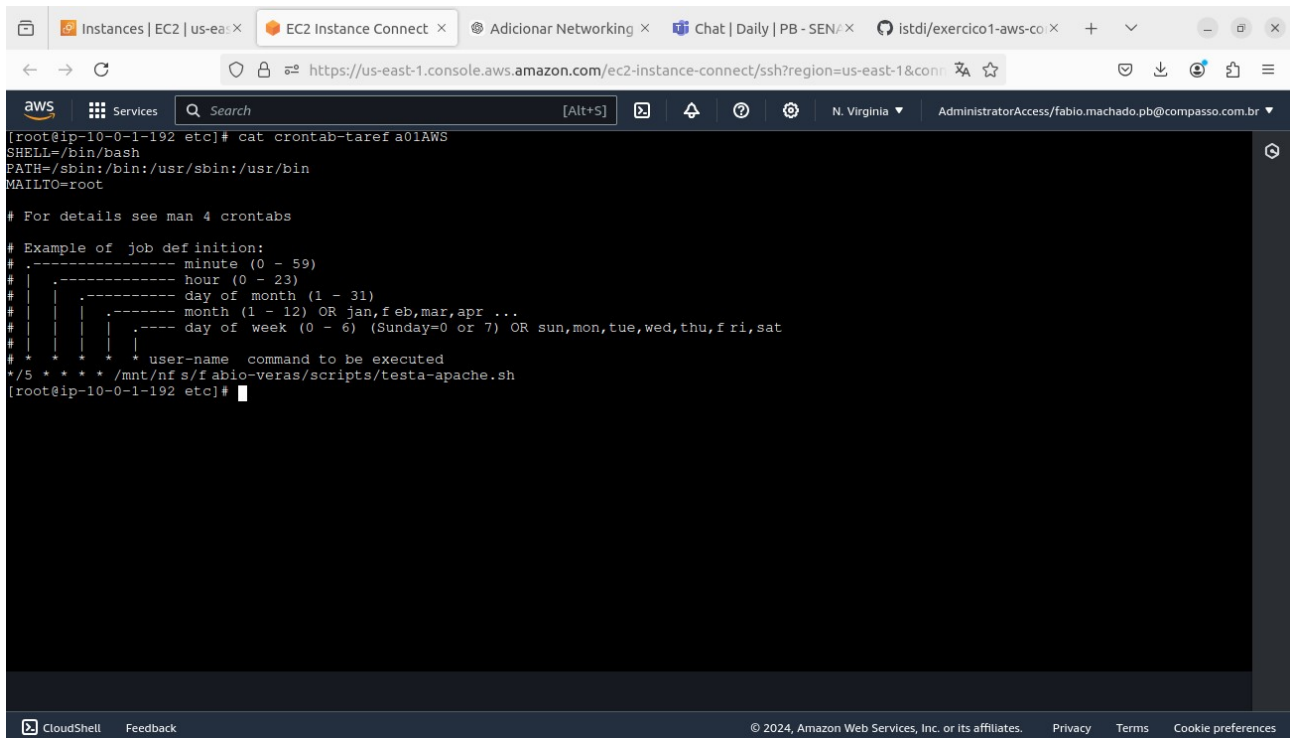
```
fi
```

### # Tornar o script executável

```
sudo chmod +x alerta-apache-sh
```

## # Passo 5: Configurar o cron para rodar o script a cada 5 minutos

`*/* * * * * mnt/nfs/fabio-veras/SCRIPTS/alerta-apache-sh`



The screenshot shows an AWS CloudShell terminal window. The terminal output displays the contents of the `crontab-tarefa01AWS` file. The file contains standard cron job syntax and an example of a job definition. The job definition is as follows:

```
# For details see man 4 crontabs

# Example of job definition:
# .----- minute (0 - 59)
# |----- hour (0 - 23)
# |----- day of month (1 - 31)
# |----- month (1 - 12) OR jan, feb, mar, apr ...
# |----- day of week (0 - 6) (Sunday=0 or 7) OR sun, mon, tue, wed, thu, fri, sat
# * * * * * user-name command to be executed
*/5 * * * * /mnt/nfs/fabio-veras/scripts/testa-apache.sh
```

The terminal prompt is `[root@ip-10-0-1-192 etc]#`.

# "Configuração de monitoramento pronta. O script será executado a cada 5 minutos."