

Fedora 21 WebMail/WebApps Documentation

IP Address: 172.20.241.40/24

Username: root

Change the root password

Change the MariaDB password

Open ports and services initially:

```
[root@fedora ~]# sudo netstat -tulnp
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program name
tcp        0      0 0.0.0.0:110             0.0.0.0:*               LISTEN      752/dovecot
tcp        0      0 0.0.0.0:143             0.0.0.0:*               LISTEN      752/dovecot
tcp        0      0 0.0.0.0:22              0.0.0.0:*               LISTEN      663/sshd
tcp        0      0 0.0.0.0:25              0.0.0.0:*               LISTEN      957/master
tcp6       0      0 :::9090                 :::*                    LISTEN      1/systemd
tcp6       0      0 :::3306                 :::*                    LISTEN      902/mysqld
tcp6       0      0 :::80                   :::*                    LISTEN      661/httpd
tcp6       0      0 :::22                   :::*                    LISTEN      663/sshd
tcp6       0      0 :::25                   :::*                    LISTEN      957/master
[root@fedora ~]#
```

Useful Commands:

Update services: `yum update -y && yum install epel-release -y`

Change MariaDB password: `SET PASSWORD FOR 'root'@'localhost' = PASSWORD('new_password');`

Check MySQL config file: `sudo nano /etc/my.cnf`

Check and edit sudoers file: `sudo nano /etc/sudoers`

Stop sshd service: `sudo systemctl stop sshd`

Disable sshd service: `sudo systemctl disable sshd`

Save nmap scan results to file: `sudo nmap -A localhost > nmap_scan.txt`

Install ClamAV: `sudo yum install clamav`

Run ClamAV scan: `sudo clamscan`

Install Fail2Ban: `yum install fail2ban`

Start Fail2Ban: `systemctl start fail2ban`

Enable Fail2Ban: `systemctl enable fail2ban`