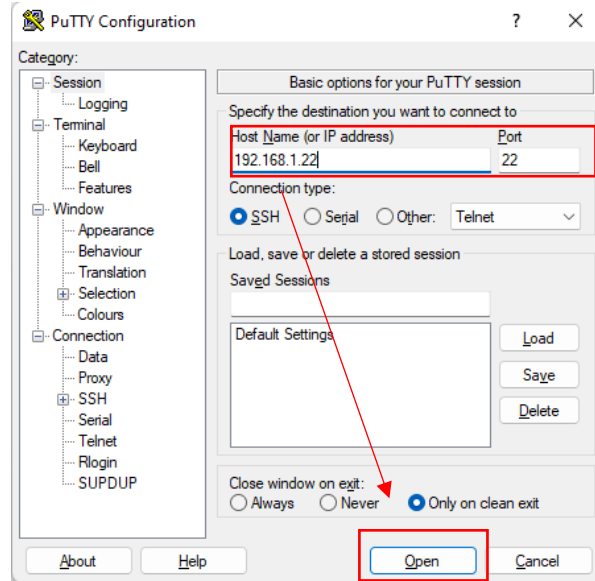


İlk olarak Linux sunucuma SSH protokolü ile bağlanmak için putty programını açıyorum. Sunucumu ip bilgilerimi girip open butonu ile sunucuma bağlanıyorum.



Sonraki adımda karşıma konsol ekranım geliyor. Linux sunucumun root kullanıcı kimlik bilgilerini giriyorum ve enter tuşu ile onaylıyorum.

```
veeam@veeamrepo: ~  
login as: veeam  
veeam@192.168.1.22's password:  
Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.4.0-65-generic x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:        https://ubuntu.com/advantage  
  
System information as of Mon 27 Jun 2022 06:38:34 AM UTC  
  
System load:  0.0           Processes:            255  
Usage of /:   39.6% of 19.56GB Users logged in:          0  
Memory usage: 15%          IPv4 address for ens160: 192.168.1.22  
Swap usage:   0%  
  
* Super-optimized for small spaces - read how we shrank the memory  
  footprint of MicroK8s to make it the smallest full K8s around.  
  
https://ubuntu.com/blog/microk8s-memory-optimisation  
  
38 updates can be applied immediately.  
2 of these updates are standard security updates.  
To see these additional updates run: apt list --upgradable  
  
*** System restart required ***  
Last login: Mon Jun 27 06:37:15 2022 from 192.168.1.167  
veeam@veeamrepo:~$
```

Sonraki adımda yeni bir metin belgesi oluşturuyorum ve cockpit kurulumunu yaparken baza lazım olacak kodları yapıştırıyorum.

KODLAR:

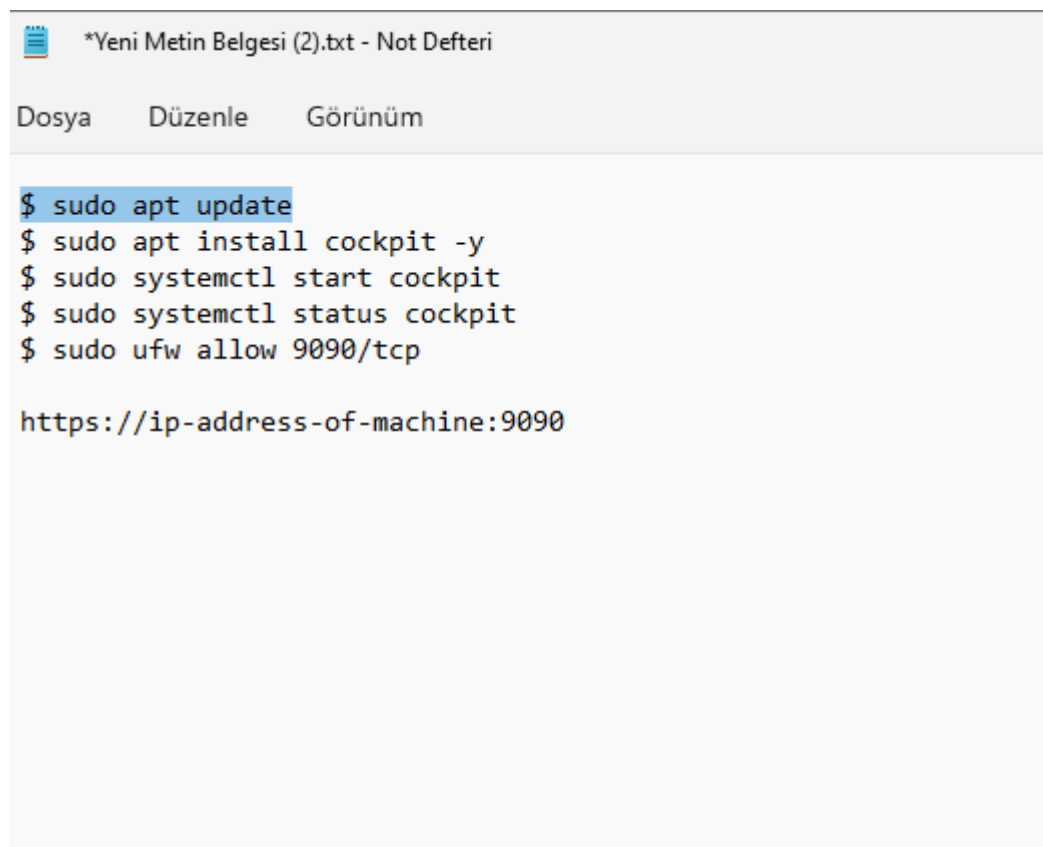
```
$ sudo apt update
```

```
$ sudo apt install cockpit -y
```

```
$ sudo systemctl start cockpit
```

```
$ sudo systemctl status cockpit
```

```
$ sudo ufw allow 9090/tcp
```



```
*Yeni Metin Belgesi (2).txt - Not Defteri  
Dosya   Düzenle   Görünüm  
  
$ sudo apt update  
$ sudo apt install cockpit -y  
$ sudo systemctl start cockpit  
$ sudo systemctl status cockpit  
$ sudo ufw allow 9090/tcp  
  
https://ip-address-of-machine:9090
```

Sonraki adımda tekrar konsol ekranıma gidiyorum ve cockpit kurulumunu başlatmak için sırasıyla kodlarımı giriyorum.

Ubuntu paketlerimi güncellemek için aşağıdaki komutu giriyorum.

```
sudo apt update
```

```
veeam@veeamrepo: ~  
veeam@veeamrepo:~$ sudo apt update  
[sudo] password for veeam:  
Hit:1 http://archive.ubuntu.com/ubuntu focal InRelease  
Get:2 http://archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]  
Get:3 http://archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]  
Get:4 http://archive.ubuntu.com/ubuntu focal-security InRelease [114 kB]  
Fetched 336 kB in 1s (368 kB/s)  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
5 packages can be upgraded. Run 'apt list --upgradable' to see them.  
veeam@veeamrepo:~$
```

Sonraki adımda cockpit uygulamasını kurmak için ikinci komutumu giriyorum.

```
sudo apt install cockpit -y
```

```
veeam@veeamrepo:~$ sudo apt install cockpit -y  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
The following additional packages will be installed:  
cockpit-bridge cockpit-dashboard cockpit-networkmanager cockpit-packagekit cockpit-storaged cockpit-system cockpit-ws cracklib-runtime dns-root-data  
dnsmasq-base libatasmart4 libblockdev-crypto2 libblockdev-fs2 libblockdev-loop2 libblockdev-mdraid2 libblockdev-part-err2 libblockdev-part2  
libblockdev-swap2 libblockdev-utils2 libblockdev2 libbluetooth3 libbytesize2 libcrack2 libidn11 libjansson4 libmbim-glib4 libmbim-proxy libmm-glib0  
libndp0 libnl-route-3-200 libnm0 libnss3 libparted-fs-resize0 libpcscite1 libpwquality-common libpwquality-tools libpwquality1 libqmi-glib5  
libqmi-proxy libteamdctl0 libudisks2-0 libvolume-key1 modemmanager network-manager network-manager-pptp ppp pptp-linux udisks2 usb-modeswitch  
usb-modeswitch-data wamerican wpasupplicant  
Suggested packages:  
cockpit-doc cockpit-pop cockpit-machines xdg-utils sssd-dbus libparted-dev pcsd avahi-autoipd libteam-utils exfat-utils f2fs-tools nilfs-tools  
reiserfsprogs udfutils udisks2-boacle udisks2-btrfs udisks2-lvm2 udisks2-vdo udisks2-zram comgt wvdial wpagui libengine-pkcs11-openssl  
The following NEW packages will be installed:  
cockpit cockpit-bridge cockpit-dashboard cockpit-networkmanager cockpit-packagekit cockpit-storaged cockpit-system cockpit-ws cracklib-runtime  
dns-root-data dnsmasq-base libatasmart4 libblockdev-crypto2 libblockdev-fs2 libblockdev-loop2 libblockdev-mdraid2 libblockdev-part-err2 libblockdev-part2  
libblockdev-swap2 libblockdev-utils2 libblockdev2 libbluetooth3 libbytesize2 libcrack2 libidn11 libjansson4 libmbim-glib4 libmbim-proxy libmm-glib0  
libndp0 libnl-route-3-200 libnm0 libnss3 libparted-fs-resize0 libpcscite1 libpwquality-common libpwquality-tools libpwquality1 libqmi-glib5  
libqmi-proxy libteamdctl0 libudisks2-0 libvolume-key1 modemmanager network-manager network-manager-pptp ppp pptp-linux udisks2 usb-modeswitch  
usb-modeswitch-data wamerican wpasupplicant  
0 upgraded, 54 newly installed, 0 to remove and 5 not upgraded.  
Need to get 14.1 MB of archives.  
After this operation, 42.6 MB of additional disk space will be used.  
Get:1 http://archive.ubuntu.com/ubuntu focal/universe amd64 cockpit-bridge amd64 215-1 [557 kB]  
Get:2 http://archive.ubuntu.com/ubuntu focal/universe amd64 cockpit-ws amd64 215-1 [1,298 kB]  
Get:3 http://archive.ubuntu.com/ubuntu focal/main amd64 libcrack2 amd64 2.9.6-3.2 [28.3 kB]  
Get:4 http://archive.ubuntu.com/ubuntu focal/main amd64 libpwquality-common all 1.4.2-1build1 [7,744 B]  
Get:5 http://archive.ubuntu.com/ubuntu focal/main amd64 libpwquality1 amd64 1.4.2-1build1 [12.7 kB]  
Get:6 http://archive.ubuntu.com/ubuntu focal/universe amd64 libpwquality-tools amd64 1.4.2-1build1 [9,640 B]  
Get:7 http://archive.ubuntu.com/ubuntu focal/universe amd64 cockpit-system all 215-1 [1,889 kB]  
Get:8 http://archive.ubuntu.com/ubuntu focal/universe amd64 cockpit all 215-1 [18.0 kB]  
Get:9 http://archive.ubuntu.com/ubuntu focal/universe amd64 cockpit-dashboard all 215-1 [195 kB]  
Get:10 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libbluetooth3 amd64 5.53-0ubuntu3.6 [60.6 kB]  
Get:11 http://archive.ubuntu.com/ubuntu focal/main amd64 libjansson4 amd64 2.12-1build1 [28.9 kB]  
Get:12 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libmm-glib0 amd64 1.18.6-1-ubuntu20.04.1 [203 kB]  
Get:13 http://archive.ubuntu.com/ubuntu focal/main amd64 libndp0 amd64 1.7-0ubuntu1 [10.9 kB]  
Get:14 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libnm0 amd64 1.22.10-1ubuntu2.3 [370 kB]  
Get:15 http://archive.ubuntu.com/ubuntu focal/main amd64 libteamdctl0 amd64 1.30-1 [11.8 kB]  
Get:16 http://archive.ubuntu.com/ubuntu focal/main amd64 libnl-route-3-200 amd64 3.4.0-1 [149 kB]  
Get:17 http://archive.ubuntu.com/ubuntu focal/main amd64 libpcscite1 amd64 1.8.26-3 [22.0 kB]  
Get:18 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 wpasupplicant amd64 2:2.9-1ubuntu4.3 [1,183 kB]  
Get:19 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 network-manager amd64 1.22.10-1ubuntu2.3 [1,855 kB]  
Get:20 http://archive.ubuntu.com/ubuntu focal/universe amd64 cockpit-networkmanager all 215-1 [385 kB]  
Get:21 http://archive.ubuntu.com/ubuntu focal/universe amd64 cockpit-packagekit all 215-1 [380 kB]  
Get:22 http://archive.ubuntu.com/ubuntu focal/main amd64 libblockdev-part-err2 amd64 2.23-2ubuntu3 [5,440 B]  
Get:23 http://archive.ubuntu.com/ubuntu focal/main amd64 libblockdev-utils2 amd64 2.23-2ubuntu3 [14.0 kB]  
Get:24 http://archive.ubuntu.com/ubuntu focal/main amd64 libblockdev-part2 amd64 2.23-2ubuntu3 [15.3 kB]  
Get:25 http://archive.ubuntu.com/ubuntu focal/main amd64 libblockdev-swap2 amd64 2.23-2ubuntu3 [7,764 B]  
Get:26 http://archive.ubuntu.com/ubuntu focal/main amd64 libblockdev-loop2 amd64 2.23-2ubuntu3 [6,612 B]  
Get:27 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libparted-fs-resize0 amd64 3.3-4ubuntu0.20.04.1 [47.4 kB]  
Get:28 http://archive.ubuntu.com/ubuntu focal/main amd64 libblockdev-fs2 amd64 2.23-2ubuntu3 [20.1 kB]  
Get:29 http://archive.ubuntu.com/ubuntu focal/main amd64 libatasmart4 amd64 0.19-5 [23.4 kB]  
Get:30 http://archive.ubuntu.com/ubuntu focal/main amd64 libblockdev2 amd64 2.23-2ubuntu3 [34.9 kB]  
Get:31 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libudisks2-0 amd64 2.8.4-1ubuntu2 [99.4 kB]
```

Lurulum işlemi tamamlandı. Sonraki adımda cockpit yönetim uygulamasını başlatmak için aşağıdaki komutu konsol ekranımda giriyorum.

```
sudo systemctl start cockpit
```

komutumu girdikten sonra cockpit uygulamsını durumunu görüntülemek için aşağıdaki komutu giriyorum.

```
sudo systemctl status cockpit
```

Görüldüğü üzere kurulum işlemimi başarılı şekilde tamamlanmış ve servislerin düzgün şekilde çalıştığı görülüyor.

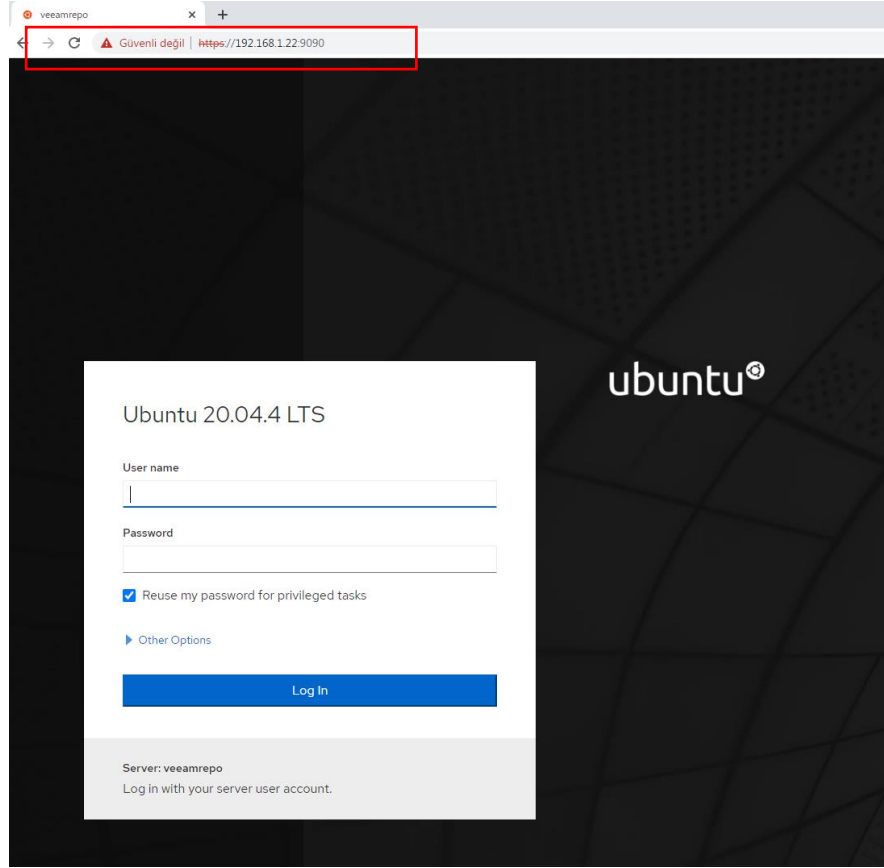
```
veeam@veeamrepo: ~  
veeam@veeamrepo:~$ sudo systemctl start cockpit  
veeam@veeamrepo:~$ sudo systemctl status cockpit  
● cockpit.service - Cockpit Web Service  
   Loaded: loaded (/lib/systemd/system/cockpit.service; static; vendor preset: enabled)  
   Active: active (running) since Mon 2022-06-27 06:41:49 UTC; 25s ago  
   TriggeredBy: ● cockpit.socket  
     Docs: man:cockpit-ws(8)  
   Process: 436298 ExecStartPre=/usr/sbin/remotectl certificate --ensure --user=root --group=cockpit-ws --selinux-type= (code=exited, status=0/SUCCESS)  
   Main PID: 436301 (cockpit-tls)  
     Tasks: 1 (limit: 4620)  
    Memory: 1.7M  
   CGroup: /system.slice/cockpit.service  
           └─436301 /usr/lib/cockpit/cockpit-tls  
  
Jun 27 06:41:49 veeamrepo systemd[1]: Starting Cockpit Web Service...  
Jun 27 06:41:49 veeamrepo remotectl[436298]: Generating temporary certificate using: sscg --quiet --lifetime 3650 --key-strength 2048 --cert-key-file /etc/c  
Jun 27 06:41:49 veeamrepo remotectl[436298]: Error generating temporary dummy cert using sscg, falling back to openssl  
Jun 27 06:41:49 veeamrepo remotectl[436298]: Generating temporary certificate using: openssl req -x509 -days 36500 -newkey rsa:2048 -keyout /etc/cockpit/ws-  
Jun 27 06:41:49 veeamrepo systemd[1]: Started Cockpit Web Service.  
lines 1-17/17 (END)
```

Sonraki adımda aşağıdaki kod ile cockpit 9090 portundadaki TCP paketlerine firewall üzerinde izin veriyorum.

```
sudo ufw allow 9090/tcp
```

Konsol ile işlemlerimiz tamamlandı. Browser' i açarak sunucu ip bigisini ve yanında port bilgisini girerek ilgili login sayfasına ulaşıyorum.

https://linux sunucunuzun ip adresi:9090



Son olarak kullanıcı bilgilerimi girerek cockpit yönetim konsoluna login oluyorum.

