

Version: **2024.01**

Last update: 2024/11/29 10:52

# Cockpit

## 1.1 - Starting Cockpit

Cockpit is the new Red Hat 9 server management interface. It is installed by default.

Activate and start the **cockpit** socket:

```
[root@redhat9 ~]# systemctl start --now cockpit.socket

[root@redhat9 ~]# systemctl status cockpit.socket
● cockpit.socket - Cockpit Web Service Socket
Loaded: loaded (/usr/lib/systemd/system/cockpit.socket; disabled; preset: disabl>
Active: active (listening) since Sat 2024-10-26 15:26:22 CEST; 16s ago
Until: Sat 2024-10-26 15:26:22 CEST; 16s ago
Triggers: ● cockpit.service
Docs: man:cockpit-ws(8)
Listen: [::]:9090 (Stream)
Process: 74750 ExecStartPost=/usr/share/cockpit/motd/update-motd localhost (code>
Process: 74757 ExecStartPost=/bin/ln -snf active.motd /run/cockpit/motd (code=exi>
Tasks: 0 (limit: 48799)
Memory: 92.0K
CPU: 19ms
CGroup: /system.slice/cockpit.socket

Oct 26 15:26:22 redhat9.ittraining.loc systemd[1]: Starting Cockpit Web Service Socke>
Oct 26 15:26:22 redhat9.ittraining.loc systemd[1]: Listening on Cockpit Web Service S>
[root@redhat9 ~]#
```

If necessary, add a rule to the firewall so that **cockpit** can be used:

```
[root@redhat9 ~]# firewall-cmd --add-service=cockpit --permanent
Warning: ALREADY_ENABLED: cockpit
success
```

Turn on SELinux's permissive mode:

```
[root@redhat9 ~]# setenforce permissive
```

Add trainee to the group **wheel** :

```
[root@redhat9 ~]# usermod -aG wheel trainee

[root@redhat9 ~]# groups trainee
trainee : trainee wheel

[root@redhat9 ~]# exit
logout

[trainee@redhat9 ~]$ groups
trainee

[trainee@redhat9 ~]$ newgrp trainee

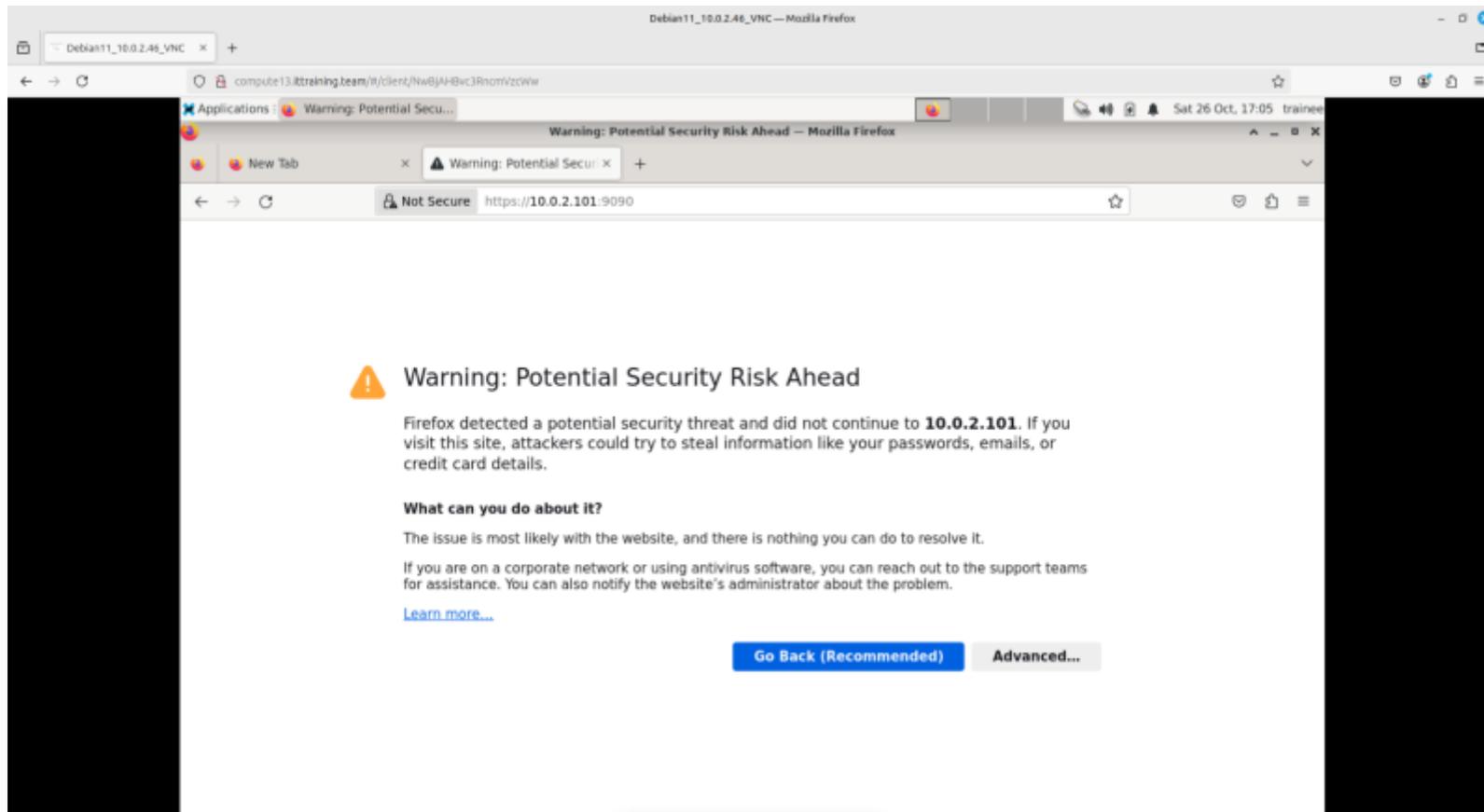
[trainee@redhat9 ~]$ exit
```

Reconnect to your Red Hat 9 VM and check that you are now in the **wheel** group :

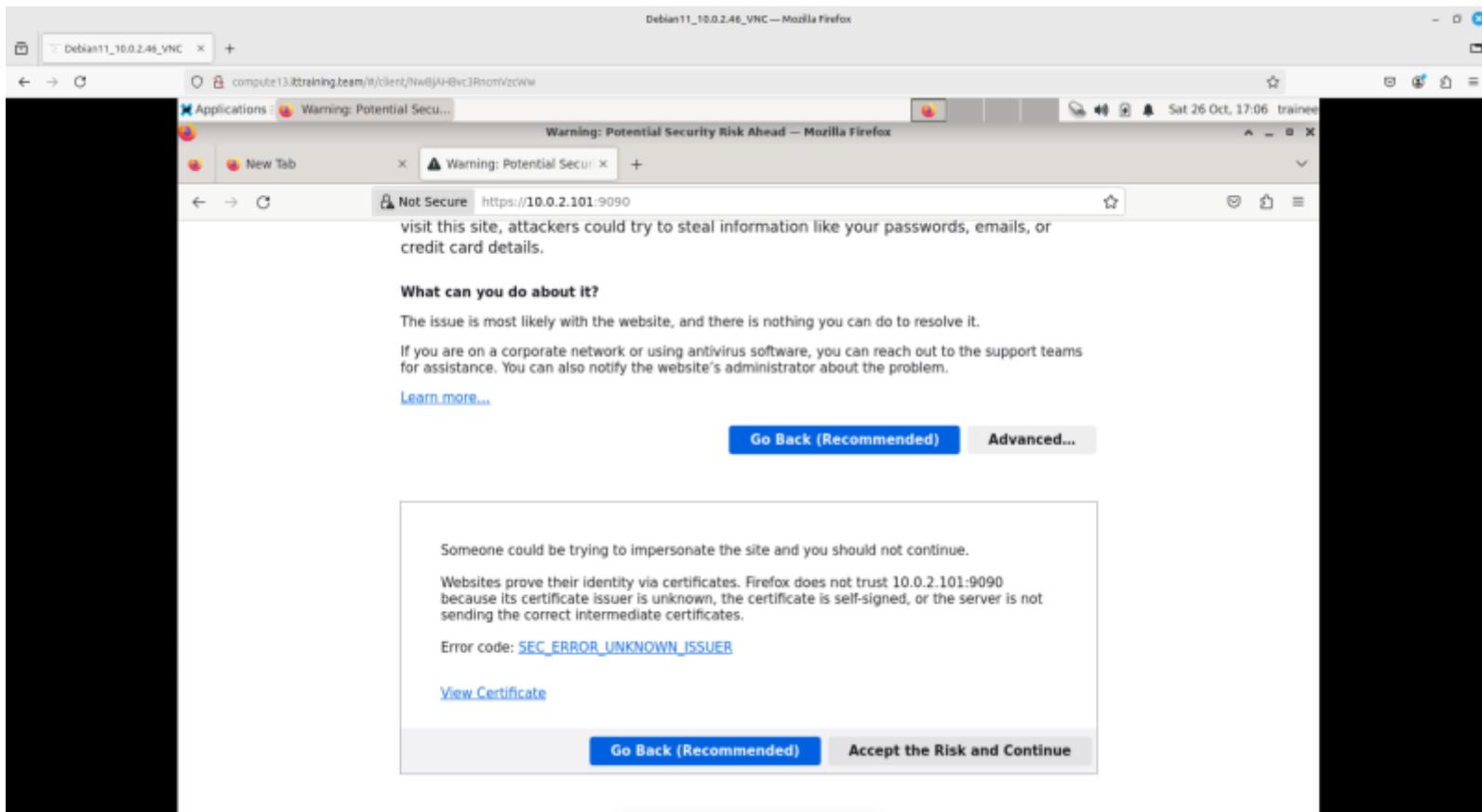
```
[trainee@redhat9 ~]$ groups
trainee wheel
```

## 1.2 - Connecting to Cockpit

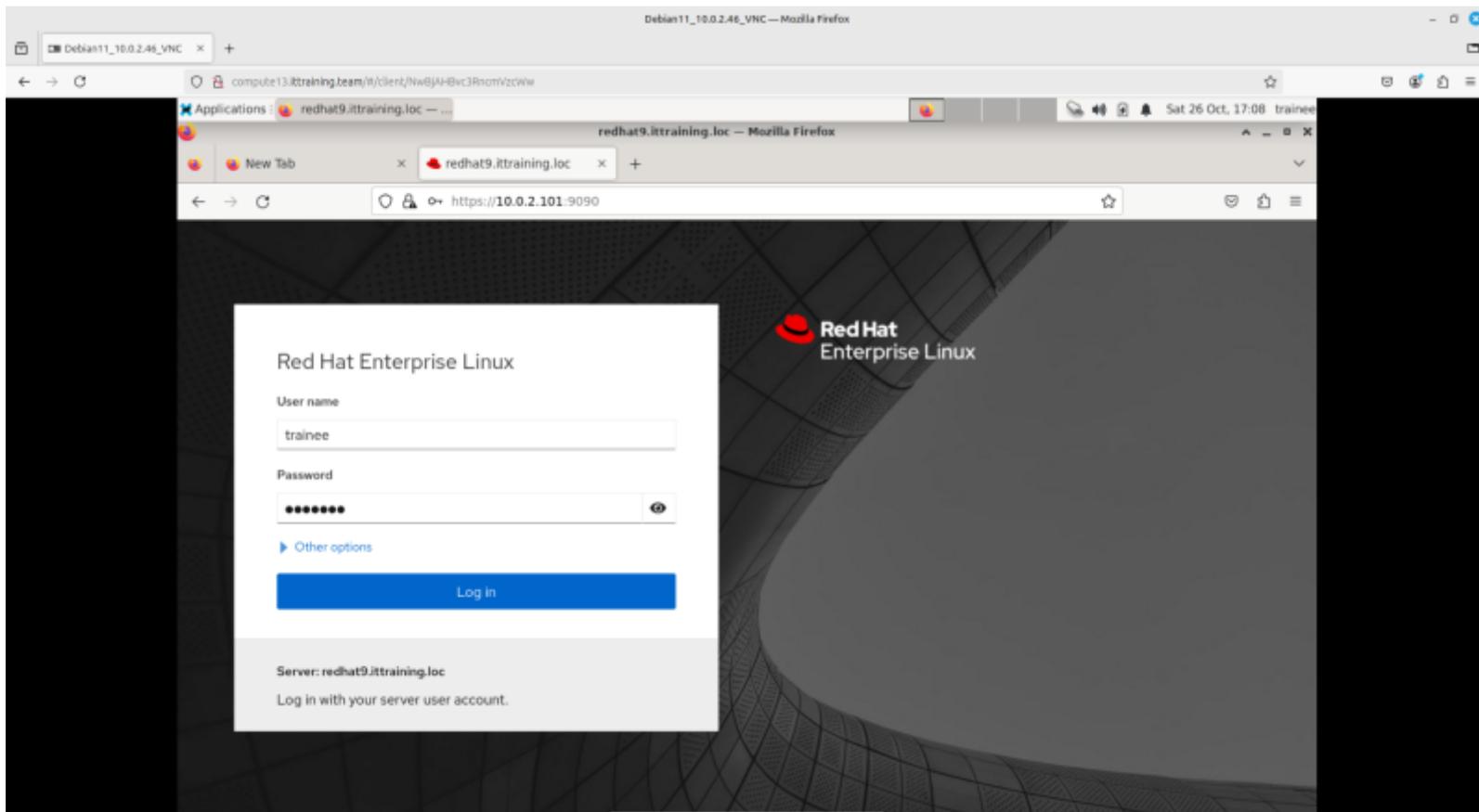
Open the **Debian11\_10.0.2.46\_VNC** connection in the Guacamole interface. Connect as **trainee** and open the web browser. Enter the address <https://10.0.2.101:9090>. Click on the **Advanced** button:



Click on the **Accept the Risk and Continue** button:



Enter the **trainee / trainee** login details and click on the **Log in** button:



Click on the **Turn on administrative access** button:

The screenshot shows the Cockpit web console interface for a Red Hat Enterprise Linux 9.4 system. The browser address bar shows the URL `https://10.0.2.101:9090/system`. The interface includes a sidebar with navigation options: Overview (selected), Logs, Storage, Networking, Podman containers, Virtual machines, Accounts, Services, Tools, and Applications. The main content area displays system information and usage metrics.

**Health**

- Security updates available
- Not connected to Insights
- Last successful login: Oct 26, 09:12 AM from 10.0.2.1 on pts/0
- [View login history](#)

**Usage**

- CPU: 50% of 4 CPUs
- Memory: 2.4 / 7.5 GB
- [View metrics and history](#)

**System information**

Model	GEMU Standard PC (i440FX + PIIX, 1996)
Machine ID	5a35a3eb625c45cea1d33535723e791f

**Configuration**

Hostname	redhat9.ittraining.loc
System time	Oct 26, 2024, 5:08 PM

Enter the password **traine** and confirm:

