This material is prepared for use in SIEM and Log Analysis course and was prepared by Henrik Kramselund, xhek@kea.dk hkj@zencurity.dk. It contains the very basic information to get started!

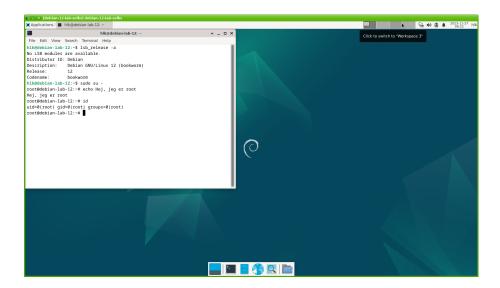
The course had some problems with Elastic stack version 8 – which is updated on multiple fronts, like HTTPS/TLS. This is giving us a lot of headache. The students meet with different obstacles, so this kickstart 2 document is a way out!

I would like for you to install Docker and try out SELKS https://www.stamus-networks.com/selks

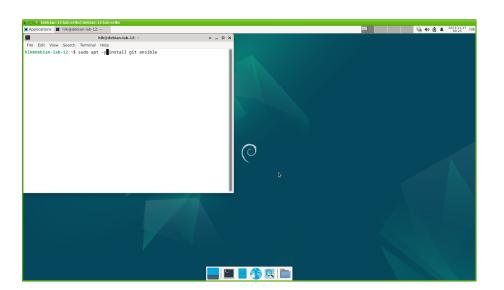
If you want to use the same as me with Debian VM, which installs in less than 30minutes:

☐ Install a basic Debian 12 Bookworm with Sudo configured
☐ Install git and Ansible, see our exercise: sudo apt install git ansible
☐ Clone the Github repo: https://github.com/kramse/kramse-labs git clone https://github.com/kramse/kramse-labs
☐ Go into this repository and install Docker, there is a small README.md too: cd kramse-labs/docker-install and then ansible-playbook 1-dependencies.yml
☐ Enable Docker: systemctl enable docker and reboot the VM
☐ Check docker, docker run hello-world
☐ Clone the SELKS repository: git clone https://github.com/StamusNetworks/SELKS.git
☐ Go into this and run docker-compose as described in the instructions: https://github.com/StamusNetworks/SELKS/wiki/Docker make sure to select the right network interface, so Suricata can sniff packets I did NOT install Portainer
☐ Use a browser to access the platform on https://127.0.0.1
□ Relax
This will provide a basic Elasticsearch version 7, with Kibana and Suricata

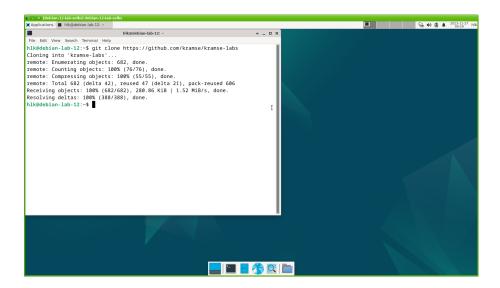
Basic Debian with Sudo:



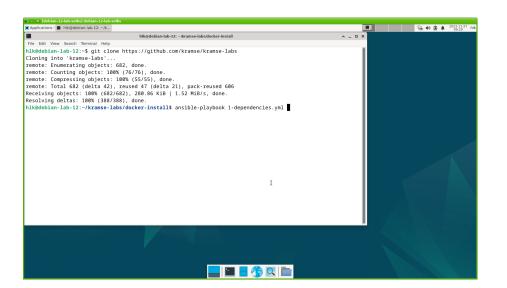
Install git and ansible:



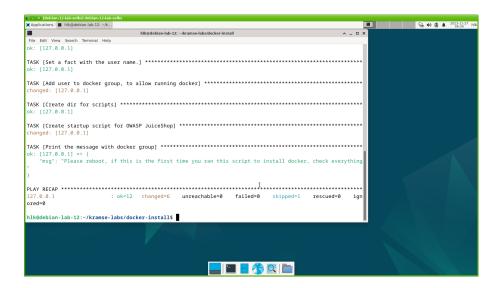
Git clone kramse-labs:



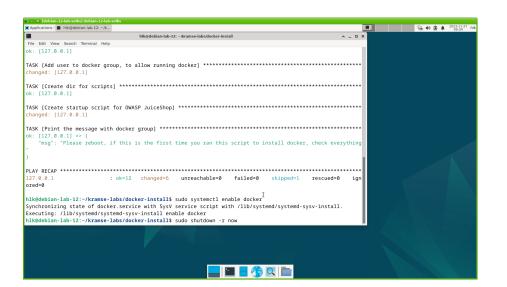
Use Ansible to install Docker:



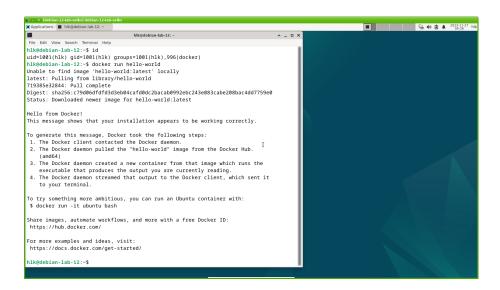
Wait for docker to be installed:



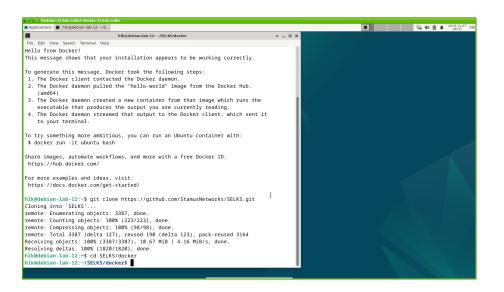
Enable it for reboot and reboot:



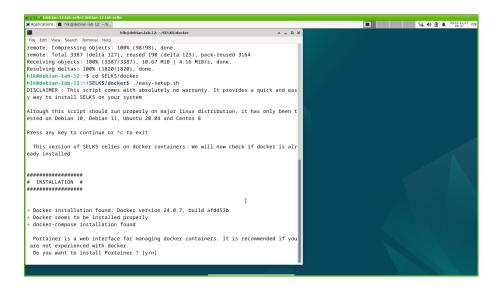
Check docker – if it only works for root it is also OK to use that:



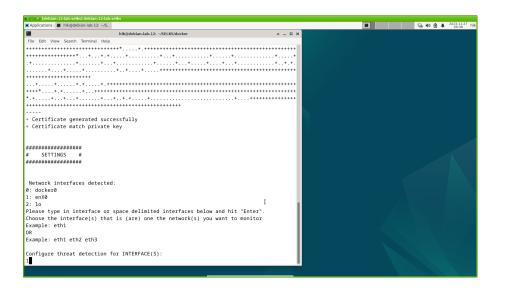
Git clone SELKS repository:



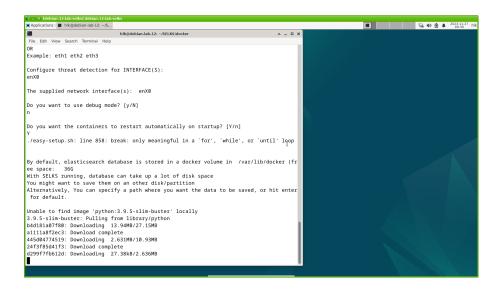
Run the ./easy-setup script:

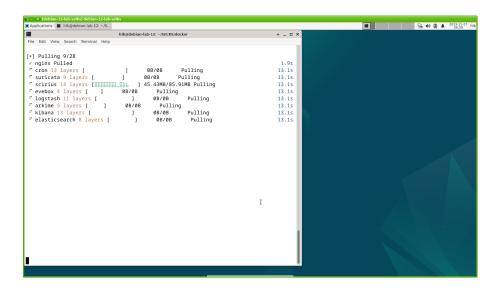


Answer questions about network interface

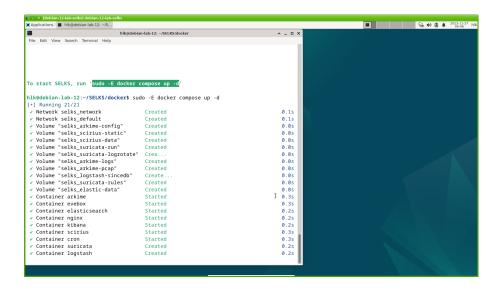


Docker will start fetching the images – took about 5 minutes on 4G router:

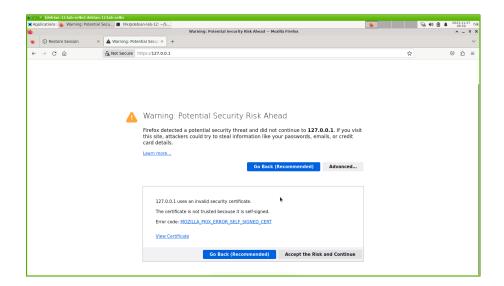




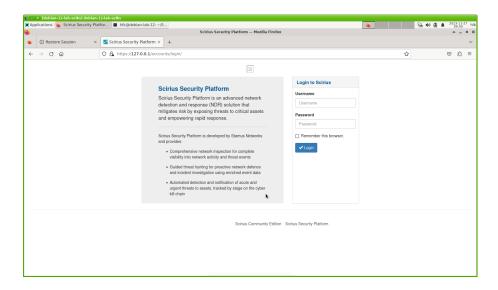
Start the docker containers:



Start a browser and accept the self-signed certificate:



Success - hopefully, login with username: selks-user and password: selks-user:



After browsing to a few sites::

