

EVE-NG Installation and Configuration

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You can learn more about EVE-NG at

<https://www.eve-ng.net/index.php/documentation/>

Note: This is a BARE METAL installation of EVENG. Please ensure your system meets minimum requirements to run the environment as well as having an external drive with enough storage capacity for your activities. Refer to EVE-NG Documentation for details.

You will need:

- USB Flash Drive
- An external drive
- PC that meets requirements
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1. Download **Free EVE Community Edition** from <https://www.eve-ng.net/index.php/download>
2. Download bootable drive preparation software Rufus from <https://rufus.ie/en/>
3. Run Rufus. Select the target USB used for installation as the device, and the EVE-NG image previously downloaded as the boot selection. Leave everything else as defaulted and select START at the bottom. Select OK if any warnings or dialogue boxes appear. Allow the process to finish and continue.
4. Enter the CMOS/BIOS configuration of your system and disable secure boot. TPM might need to be disabled as well. (You will need to re-enable these If using Windows 11 or newer to regain access to your main OS.)
5. Either set boot priority in BIOS to boot from the prepared USB driver installer previously prepared, or you can now exit BIOS configuration and select the USB installer from the boot menu during computer startup.

6. You will see the installation initial screen. Select Bare Metal option and press Enter.
7. Select preferred language and press Enter.
8. Select the external disk to be used to store the installation. (BE AWARE: THIS WILL FORMAT AND THEREFORE ERASE THE DISK ENTIRELY. MAKE SURE THE CORRECT DISK IS SELECTED).
9. Continue and select OK on the destructive action warning. The system will install and reboot, then the installation will continue. There will be a login prompt, do not log in yet. The installation will continue and another reboot will follow.
10. You can now boot to the external drive, EVENG is installed. The username is root and the password is eve.
11. After the initial login, a configuration sequence will initialize. Select any password for the new root password, any hostname, and any domain name.
12. Depending on your network configuration, you may opt to let your network assign the EVENG server an address through DHCP, or you may assign it a static address.
13. If prompted for your preferred DNS, enter the DNS used by your ISP connection. Popular alternate DNS servers may work as well, such as 8.8.8.8. You can use 1.1.1.1 as the secondary DNS.
14. If prompted, an NTP assignment prompt will appear. You can select your own or leave it empty if DHCP was selected. A popular NTP can be pool.ntp.org.
15. Leave the default of Direct Connection for the following prompt and press Enter.
16. The installation and configuration of EVE-NG is complete!
17. To access the management web-console and where most of the lab work will be done, navigate to the IP address that DHCP assigned the EVENG machine, or the IP address you assigned if it was done manually. This can be found every time you boot and login to EVENG at the primary screen.