

**Part1 tunnel lab (PAloAlto & Fortigate & Cisco Router) EVE-ng**

<https://www.youtube.com/watch?v=StvZU8fG75Q>

**part2 tunnel lab (PAloAlto & Fortigate & Cisco Router) EVE-ng**

<https://www.youtube.com/watch?v=zuQvCnbgHvQ>

**Download eve-ng**

<https://www.eve-ng.net/index.php/download/#DL-COMM>

mega upload link

<https://mega.nz/file/mtUnHIoA#h5TtEOQModzgTtk9xX7vVSYmLh1jN0ISqmhpacunopA>

**Windows Client Side**

<https://mega.nz/file/G5liXYzK#oaSC1Jrh5m0HaNkReirurtrXhIHGw6NOZX3jgus1xqo>

**Install vmware workstation**

<https://filecr.com/search/?q=vmware+workstation+9&id=441339955000>

VMWare Workstation 9 Keys:

HA2VM-220EP-3ZAN8-JR156-8CNHD

**Install winscp**

<https://filecr.com/windows/winscp/?id=448842649600>

[https://winscp.net/eng/downloads.php](https://www.youtube.com/redirect?event=video_description&redir_token=QUFFLUhqbUFfVTBKYTE1SzREOXlXdXExRDNXS0poOVZBQXxBQ3Jtc0tsemdRQXRTMGNqaE5Kck9iWDZRV1pmVk1ubE5BSXIzR1NFS1liTXE1V1dJcVV1amdyU1ZjWlQ5bXEyZkM3M3RkRW9vWUxPVlJXSmQ5aVlmWnQyc0x1NlRYb2ZqNnVxX2Vkc1Y5UUoxR0xKMUlqNWVaRQ&q=https%3A%2F%2Fwinscp.net%2Feng%2Fdownloads.php&v=Iw-4i6Y68Cc)

**Eve-ng (CLI )**

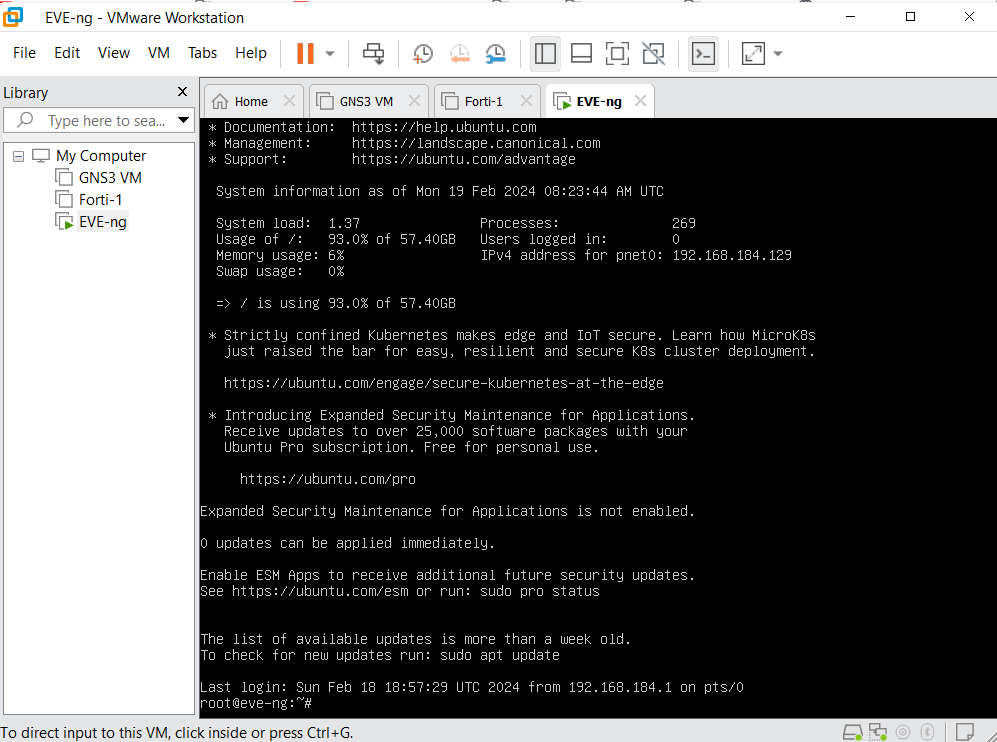
**Username: root**

**Password: eve**

**Eve-ng (GUI ) e.g. >> 192.168.184.129**

**Username: admin**

**Password: eve**

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**Login winscp >> 192.168.184.129**

**Username: root**

**Password: eve**

**Access directory**

**/opt/unetlab/addons/qemu**

**Install putty**

**Login putty >> 192.168.184.129**

**Username: root**

**Password: eve**

**1-add Paloalto Eve-ng**

**Used image PA-VM-KVM-10.0.2.qcow2**

**Download link**

<https://drive.google.com/file/d/1oW2Jn7twgaC18rTNHDt4tONmEv3SOmaE/view?usp=sharing>

**mkdir /opt/unetlab/addons/qemu/paloalto-8.0.1/**

**cd /opt/unetlab/addons/qemu/paloalto-8.0.1/**

**mv PA-VM-KVM-10.0.2.qcow2 virtioa.qcow2**

**/opt/unetlab/wrappers/unl\_wrapper -a fixpermissions**

**Interface configuration in Palo Alto Firewall | EVE-NG lab**

**(**<http://192.168.184.130>**)**

**Username: admin**

**Password: admin**

**admin@PA-VM>configure**

**admin@PA-VM# set deviceconfig system type static**

**admin@PA-VM# set deviceconfig system ip 10.1.1.1 netmask 255.255.255.0**

**admin@PA-VM# end**

**open browser**

<https://10.1.1.1>

**Username: admin**

**Password:admin**

**2-add Fortinet Eve-ng**

**Used image FGT\_VM64\_KVM-v6-build1066-FORTINET.out.kvm.qcow2**

**Download link**

<https://drive.google.com/file/d/18SnS8OT0ihr4MkFHjzG-Uq18aG6mNqrj/view?usp=sharing>

**mkdir /opt/unetlab/addons/qemu/fortinet-FGT-v6-build1010/**

**cd /opt/unetlab/addons/qemu/fortinet-FGT-v6-build1010/**

**unzip FGT\_VM64\_KVM-v6-build1010-FORTINET.out.kvm.zip**

**mv fortios.qcow2 virtioa.qcow2**

**rm FGT\_VM64\_KVM-v6-build1010-FORTINET.out.kvm.zip**

**/opt/unetlab/wrappers/unl\_wrapper -a fixpermissions**

**Open CLI**

**Username: admin**

**Password:**

**>show system interface**

**>configure**

**>edit port1**

**>set allowaccess telnet ssh http https ping**

**>end**

**>show system interface**

**Open browser (**<http://192.168.184.132>**)**

**4-add F5 (BigIP) Eve-ng**

**Used image BIGIP-16.1.0-0.0.19.qcow2**

**Download link**

<https://drive.google.com/file/d/1H3QkTh2OB7nmagfmuwbQ4pIG3pMYJKSA/view?usp=sharing>

**5-CISCO router config**

**Used image c7200-adventerprisek9-mz.152-4.S7.bin**

**Download link**

<https://drive.google.com/file/d/1ATASM6fOq8gSDYTtrIdoC0TttbazxIAY/view?usp=sharing>

**mkdir abc**

**cd abc**

**unzip -p c1710-bk9no3r2sy-mz.124-23.bin > c1710-bk9no3r2sy-mz.124-23.image**

**mv c1710-bk9no3r2sy-mz.124-23.image /opt/unetlab/addons/dynamips/**

**cd**

**rm -rf abc**

**/opt/unetlab/wrappers/unl\_wrapper -a fixpermissions**

**Calculating IDLE-PC:**

**dynamips -P 1700 -t 1710 /opt/unetlab/addons/dynamips/c1710-bk9no3r2sy-mz.124-23.image**

**dynamips -P 7200 /opt/unetlab/addons/dynamips/c7200-adventerprisek9-mz.152-4.S7.image**

**dynamips -P 3725 /opt/unetlab/addons/dynamips/c3725-adventerprisek9-mz.124-15.T14.image**

**……………………..**

**>enable**

**#configure-terminal**

**#int e1/0**

**#ip address 11.11.11.2 255.255.255.0**

**#no shutdown**

**#int e1/1**

**#ip address 192.168.30.1 255.255.255.0**

**#no shutdown**

**#show ip interface brief**

**#exit**

**#ip access -list extended ACL**

**(acl)# permit ip 192.168.30.0 0.0.0.255 192.168.10.0 0.0.0.255**

**#exit**

**#crypto isakmp policy 1**

**#encryption aes**

**#hash md5**

**#authentication pre-share**

**#group 5**

**#exit**

**#crypto isakmp key cisco123 address 11.11.11.2**

**#crypto ipsec transform-set TEST esp-aes-hmac**

**#exit**

**#crypto map CMAP ipsec-isakmp**

**#set peer 11.11.11.1**

**#set transform-set TEST**

**#match address ACL**

**#exit**

**#int e2/0**

**#crypto map CMAP**

**#exit**

**#ip route 0.0.0.0 0.0.0.0 11.11.11.1**

**#**

**Add min ilinux to eve-ng**

**Download link**

<https://drive.google.com/file/d/1w1fw36SqBHP0tEjAplza3v5ITqePmVP6/view?usp=sharing>

<https://drive.google.com/drive/folders/1KIp5nH9uhyRGV6MV8JQkVrlHSdIpWhZZ?usp=sharing>

**Add windows 7**