## Cyber Clinic Recent News

#### **Claude Al Pro free for students**

- Claude Sonnet 4.5 released this week is currently the best model for programming
- \$50 in API credits for Claude Code
- Must(?) sign up to Claude Builder Club for access

#### Google Gemini Pro free for students

- Turn lecture recordings to a 'podcast-style Audio Overview'
- 2TB Google Cloud Storage
- Offer ends November 3 2025







# Welcome to Cyber Clinic

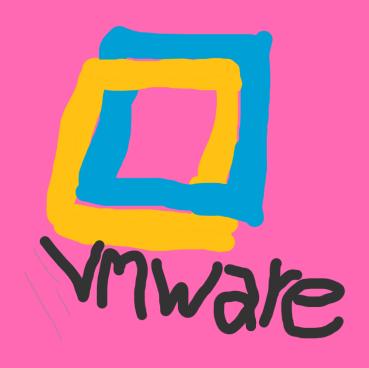
Click to add subtitle



## today we are covering

setting up a virtual machine

linux commands metasploitable





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#### setting up a virtual machine linux commands

#### metasploitable

* Starting deferred execution scheduler atd	Γ	OK	1
* Starting periodic command scheduler crond	Ε	OK	1
* Starting Tomcat servlet engine tomcat5.5	Ε	OK	1
* Starting web server apache2	[	OK	1
* Running local boot scripts (/etc/rc.local)			
nohup: appending output to `nohup.out'			
nohup: appending output to `nohup.out'			
1 11 3 1	Ε	OK	1
_			
Warning: Never expose this VM to an untrusted network!			
Contact: msfdev[at]metasploit.com			
oontabe. Marabetashio taabiotoom			
Login with msfadmin/msfadmin to get started			
metasploitable login:			

### nmap ("Network Mapper")

- Open source tool for network exploration and security auditing.
- Designed to rapidly scan large networks, although it works fine against single hosts.
- Uses raw IP packets in novel ways to determine:
  - what hosts are available on the network
  - what services (application name and version) those hosts are offering
  - what operating systems (and OS versions) they are running
  - what type of packet filters/firewalls are in use
  - dozens of other characteristics.

While Nmap is commonly used for security audits, many systems and network administrators find it useful for routine tasks such as network inventory, managing service upgrade schedules, and monitoring host or service uptime.





