![cyberange logo]
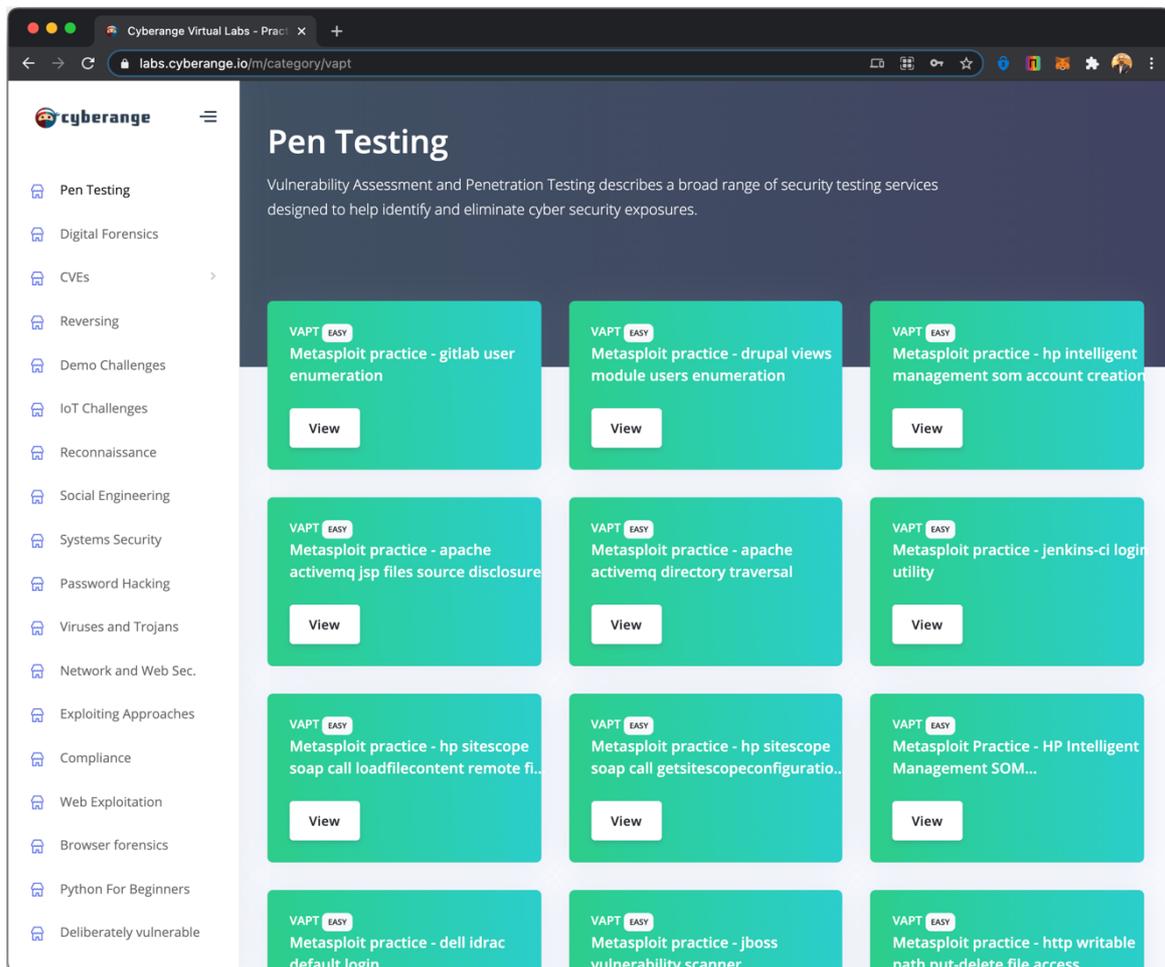
# Cyberange ® Virtual Labs

**Build offensive and defensive cybersecurity skills**

Cyberange Virtual Labs allow you to rapidly build capacity in cybersecurity across diverse topics. Provide hands-on training to your team on Penetration Testing, Incident Response, Digital Forensics, Password Hacking, Network Security, Web Security, Exploitation, Python, Machine learning and more. *No tools to download or update!*

**200+ Pre-built Scenarios
Updated every month
Cloud based – zero download!**



**Virtual Labs capability:**

- Pre-configured environments that are intentionally designed with specific vulnerabilities.
- The students choose the topic they want to learn and instantly get preconfigured systems that they can start/launch from a web-browser and attack them.

- Once they successfully attack a system and exit the lab, the machine is reset to original state instantly, making it available for practice again.
- Get detailed metrics for each students to award credits based on their performance in virtual labs

1

## For Organizations

**Replace annual training calendar**
Companies will simply replace their annual training calendar with Virtual lab programs – available 24/7 to their tech staff.

**Zero risk to Production Setup**
Companies will no longer worry about setting up facilities that risk malware infection in production environments

**Interviews & Hackathons**
Hire next generation cyber security professionals by conducting interviews and tests that are hands-on. The hackathons from virtual labs will ensure internal skill review and upgradation with ease.

## For Universities

**Start Cyber Security Courses**
The virtual labs will instantly allow any University or college to start their own courses in Cyber security, increasing revenue & brand

**Extended Lab Access 24/7**
University can now give access to students 24/7 to the labs – making it truly global, with decreased costs

**Increase student intake**
University will no longer be restricted to classroom availability or lab availability – from 100 to 1000s, they can scale up instantly to give access to various courses, fully hands-on to their students.

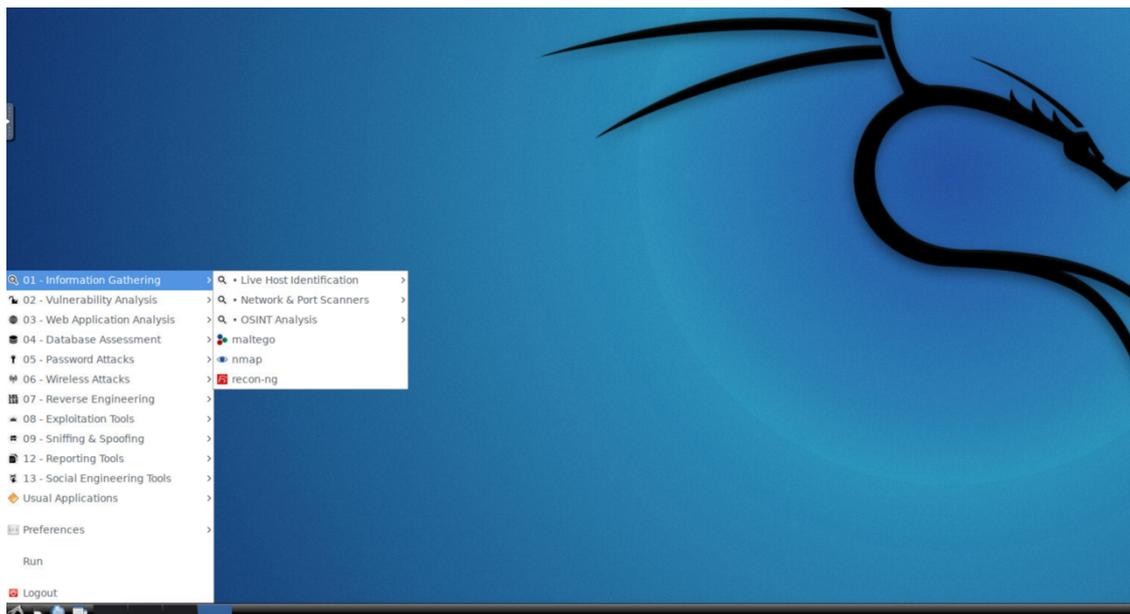## For Government

**Smart City Simulation**
Upload custom scenarios and train various stakeholders on critical application security on the platform to detect vulnerabilities before hackers do from outside.

**Train next-gen police force**
Provide next generation training to the Police force and equip them with key skills on digital forensics and cyber-crime investigations

**Cyber warfare training**
Intelligence agencies need this facility to train their officers, ambassadors and counter terrorism teams on latest cyber-attack vectors – to ensure they are a step ahead from state-sponsored cyber criminals and foreign spy programs that put their country at risk.



**Each lab comes with a fully hosted Kali Linux OS for completing the virtual labs**

# SIMPLIFIED MANAGEMENT

- Avoid complex Infrastructure management
- Fully automated lab management
- Automated clean up and reset after practicing labs
- No risk of malwares affecting corporate network
- Instant access to labs for training
- Updated every month with latest CVEs

- Start training your team with hands-on skills in Cyber Security
- Deploy world class labs in less than 24 hours
- Hacker Consoles come with all required software, tools and code for cyber security training and hands-on practice
- Provide full remote access to labs online

# SPECIFICATIONS | ON-PREMISE & PRIVATE CLOUD

| Component | On-Prem/Private Cloud | Cyberange Cloud |
|---|---|---|
| Virtual Cyberange Labs Server | 16 Cores, 128 GB RAM, 8 TB in RAID 2 , NIC 10gbps cards | Auto-scalable based on user licenses |
| Concurrent Users Supported | 50 Concurrent users per server | Unlimited concurrent users |
| User Licenses | Unlimited | Pay-per-user / Per Month |
| Pre-built cybersecurity scenarios | 200+ | 200+ |
| Admin Dashboard | Yes | Yes |
| Upload Custom Labs | Yes | No |
| Supported Scenario Platform | Linux | Linux |
| Upload custom logo | Yes | No |
| White-label | Yes | Mo |
| Scenario Updates under AMC | Quarterly | No AMC Required, updates provided real-time |

**www.cyberange.io**