SEC760 Online Labs

For OnDemand students, your Sec760 access includes online labs with very specific configurations for certain exercises. Unless noted below, you should follow the course material to perform the exercises locally on your own host machine.

You will be sent login information for **https://sans.learnondemand.net/** in an email, follow those instructions to login to the online lab system, change your password, and begin these exercises.

Each VM listed below will automatically provide the necessary login credentials to that VM's desktop, listed as **RESOURCES.** Please note the courseware login credentials are superseded by what is listed under **RESOURCES.** Each exercise is isolated from all other connections and exercises. See the embedded **HELP** feature for interface support.

When launching an online lab, you may see the option to **Show While Starting** before the lab is completely built. It is safe to proceed, even though not every service is reporting it is ready (by the time you start interacting with targets, everything should be reachable).

○ Your virtual machines are starting

Your lab will be ready in about 143 minutes.

Show while starting

Specifically, for Sec760.6 CTF, there are network targets. Login to the scoreboard with a browser from an exercise VM, self-register, and find the challenges. For UAF300 and UAF400 challenges, you are presented browsers to browse to your self-hosted browser exploits. Once you browse to your exploit, you can use the resulting shell to find the Key and submit it on the scoreboard. This scoreboard is not time limited, but the entire CTF exercise has a 6-hour limit that can be paused and even extended beyond the initial 6-hour limit.

SEC760 Online Labs Roadmap
>   760.1 – No Remote Labs
>   760.2 – No Remote Labs
>   760.3
>   - SEC760-3.1 Exercise - Discovering & Weaponizing CVE-2016-0041
>   - **Windows 10**
>   - **Ubuntu 19 x64**
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>   760.4 – No Remote Labs
>   760.5
>   - SEC760-5.1 Exercise - MS13-038 – HTML+TIME Method
>   - **Windows 7 with IE8**
>   - SEC760-5.2 Exercise - MS17-006 – Information Disclosure
>   - **Windows 7 with IE11**
>   760.6
>   - SEC760-6.1 Exercise – Student CTF Desktops
>   - **Windows 7 with IE8**

- o **Ubuntu 19 x64**
- o **Windows 10**
- SEC760-6.1 Exercise – Target CTF Desktops
  - o **Windows 7 UAF300**
  - o **Windows 7 UAF400**
- SEC760-6.1 Exercise – Target CTF Servers
  - o accessible only from exercise desktops