Further Details on **Development** Environment

- x86 machines
 - Using VirtualBox to import the provided .ova file
- ARM-based machines (e.g., Apple M1 or M2)
 - Option 1: Using a cloud service (e.g., AWS Lightsail)
 - Select the same environment (Ubuntu 22.04) from VM options
 - Option 2: Emulating x86 using UTM
 - https://github.com/utmapp/UTM

Option 1: Using a cloud service: AWS Lightsail

- **Note:** This is for ARM-based machines, which do not support x86 VMs
 - e.g., Apple M1 or M2 laptops (not Apple machines with Intel processors)
 - It is not required for those with x86 machines
 - Your submission must not include any VM-related artifacts (e.g., .ova file)
- Sign in to AWS Lightsail (https://lightsail.aws.amazon.com/)
- Create an instance with the appropriate platform
 - Linux/Unix (platform) and Ubuntu 22.04 LTS (blueprint)
- Start the instance
 - Now, this instance runs on an AWS-owned machine, not on your machine
- Connect using SSH and implement your server
- Add an IPv4 firewall rule for HTTP with ports other than 80 (for test)