

AWS EC2 Setup & SSH Access

1. EC2 Instance Creation

- Go to AWS EC2 Console
- Click 'Launch Instance', select Ubuntu 24.04 LTS
- Choose t2.micro (free tier), configure storage (8GB+), and create security group with ports 22 (SSH), 80 (HTTP), 443 (HTTPS), and 8080 (for Jenkins) open.
- Create and download a new key pair (.pem) e.g., my-key-nginx.pem

2. Connect to EC2 from Mac Terminal

- Open terminal and run:

`ssh -i ~/Documents/AWS/ec2-key-pair-login/my-key-nginx.pem ubuntu@<your-public-ip>`
- Ensure key has correct permissions:

`chmod 400 ~/Documents/AWS/ec2-key-pair-login/my-key-nginx.pem`