

- Filename: intro-to-aws-pentesting-1-5-1-ec2.md
- Show Name: Intro to AWS Pentesting
- Topic Name: Basic Concepts
- Episode Name: EC2

EC2

Objectives:

- Define the AWS EC2 service
 - Describe common EC2 security issues
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- What is EC2?
 - Elastic Compute Cloud
 - Basically VMs hosted by AWS
- Why would you use this service?
 - The same reasons you would use a physical device
 - Very cost effective
 - Quick and Easy
 - File server
 - Web Server
 - Programming
 - Test
- Security issues?
 - Compromise of the OS
 - Weak passwords
 - Exposed SSH keys
 - Zero-Day/RCE
 - Lack of updates/patches
 - Web App compromise
 - Sensitive data exposure
 - OS Compromise can lead to AWS compromise
 - Attacker can recover sensitive data from EC2 instance
 - AWS Keys
 - Other stored creds
 - SSH
 - Database
 - User
 - Malicious AMIs
 - Attackers can create malicious Custom AMIs
 - Then trick user into creating instances with them