



AWS Security ⌚ 5 hours of content | 60 hours of practice | Final project

1. IAM

- Configuring IAM for a new account
- MFA
- Creating IAM policies
- Types of AWS policies
- Creating a master account
- SCP's
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2. S3

- What are ACL's
- Creating S3 access control list
- Bucket policy
- Creating an S3 bucket policy
- Encrypting data on S3
- CloudFront
- Securing S3 using CloudFront
- WAF
- Configuring and using AWS WAF

3. VPC

- Creating a VPC in AWS
- Creating subnets in a VPC
- Configuring an internet gateway
- Configuring route table for internet access
- NAT gateways
- Working with NACL's
- Configuring and using VPC flow logs
- VPC gateway to S3

4. EC2

- Creating and configuring security groups
- Launching an EC2 Instance into VPC
- IAM role to EC2 instance
- Private and public keys with EC2
- KMS for data encryption in EBS

5. Security Services

- Reading and filtering logs in CloudTrail
- Creating Trail
- GuardDuty
- Macie
- Inspector
- Scout-suite