Day - 1

- **Risk Assessment on Cloud Migration**
- **OWASP Top 10 Threats**
- **Planning Secure Migration**
- **Cloud Configuration & Patch Management**
- **Cloud Change management**
  - o Collaboration Tools
  - o Planning Tools
  - o Issue Tracking Tools
  - o Monitoring Tools
  - o Configuration Management Tools
  - o Dev Environment Tools
  - o Source Control Tools
  - o Build Automation Tools

- **Cloud Infrastructure Audit (Intro, Audit, Best Practice)**
  - o Aws – VPC, EC2
  - o Azure - ARM, NSG

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  - o Aws – VPC, EC2
  - o Azure - ARM, NSG

- **Demo- Aws cli & powershell & Amazon, Azure portal**
- **Data Protection (rest, at transit, in use) (Protocol levels, http/https)"**

Day - 2

- **Data Information lifecycle**
- **Cloud Data Audit (Intro, Audit, Best Practice)**
  - Aws – EBS, S3
  - Azure – SAS
- **Demo-Aws cli & powershell & Amazon, Azure portal**

- **Key management**
- **Cloud Key management Audit (Intro, Audit, Best Practice)**
  - Aws –KMS
  - Azure – Azure Key Vault
- **Demo-Aws cli & powershell & Amazon, Azure portal Case Study**

- **Cloud IAM Audit (Intro, Audit, Best Practice)**
  - Aws –IAM

- **OWSAP Top 10**
- **Security Best-Practices for Cloud**
- **Introduction to Cloud watch, Cloud Trail**
- **Security automation – Cloud Trail, Cloud watch, Lambda**
- **CSA guidelines**