

AWS

Security

EC2 and Inspector

Key things to know

- **Security Groups** - control inbound and outbound traffic to instances
- **Elastic Block Store (EBS) Encryption** - adds an extra layer of security
- **Inspector** - checks for access to your instances from the internet, remote root login being enabled, or vulnerable software versions installed

RDS and Redshift

Key things to know

- Encrypt data using AES-256 level encryption
- Encrypt data in transit using SSL. This creates and installs the certificate when the instance is provisioned
- When using Redshift, enable cluster encryption to encrypt user-created tables

CloudTrail

Key things to know

- Enable CloudTrail to provide a history of API calls made across your account
- Integrate with CloudWatch and SNS to support compliance and monitoring by setting up logs, metrics and alarms