

Whitepapers

Whitepapers & Well Architected Framework

1. Security
2. Reliability
3. Performance Efficiency
4. Cost Optimization
5. Operational Excellence

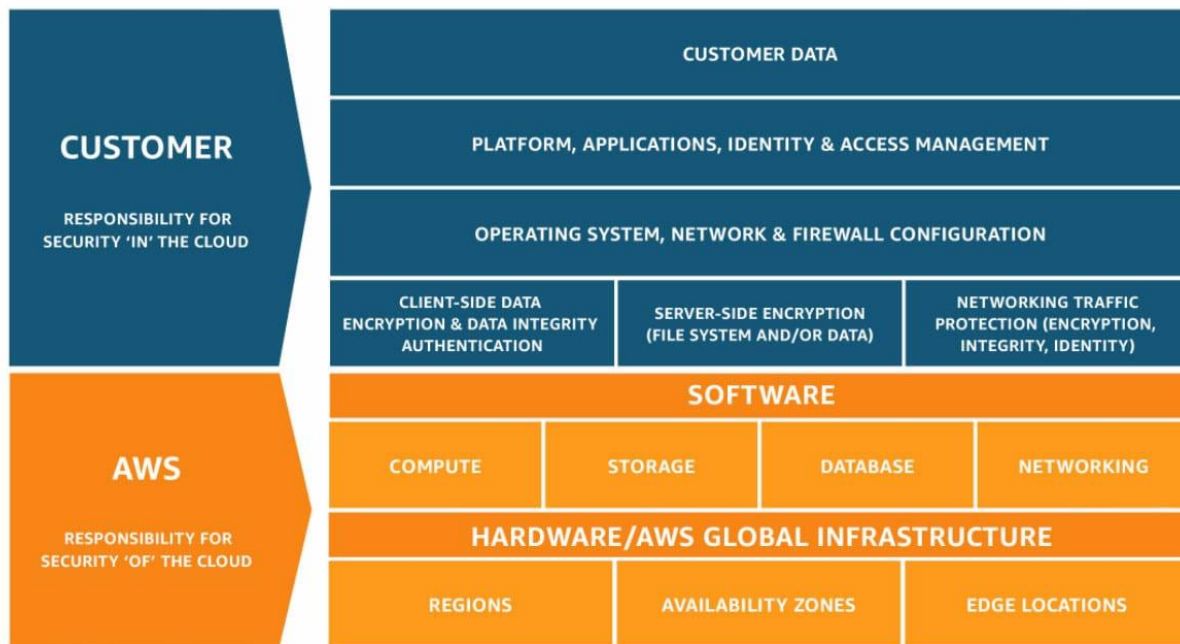
Security

- 24/7 Electronic Surveillance & Multi-Factor Access control system
- 24/7 Security Guards
- Access is authorized on “Least Privilege Basis”

Compliance

- PCI DSS (For billing)
- ISO 27001
- ISO 9001

Shared Responsibility Model



Customer Security Responsibilities

- IAAS
- PAAS
- SAAS

Storage De-commissioning

- Deleting (Disk Zeroing)
- Destroying

Network Security

- HTTPS
- VPC

- VPN

Amazon Corporate Segregation

Network Monitoring & Protection

- Port Scanning

AWS Credentials

- Passwords
- MFA
- Access & Secret Keys
- Key Pair

AWS Trusted Advisor

Security Considerations

- OS (You are Admin. Not AWS)
- Firewall
- ELB
- Direct Connect

Strategic Business Plan

- Bi-Annually

Design for Failure (Be a Pessimistic)

Decouple Your Components

Implement Elasticity

- Proactive Cyclic Scaling
- Proactive Event-based Scaling
- Auto-Scaling based on demand

Scale Up & Scale Out