The 5 Pillars of AWS Well-Architected Framework

Operational Excellence

- Perform operations as code
- Annotate documentation
- Make frequent, small, reversible changes
- Refine operations procedures frequently
- Anticipate failure
- Learn from all operational failures

Security

- Implement a strong identity foundation
- Enable traceability
- Apply security at all layers
- Automate security best practices
- Protect data in transit and at rest
- Prepare for security events

Reliability

- Test recovery procedures
- Automatically recover from failure
- Scale horizontally to increase aggregate system availability
- Stop guessing capacity
- Manage change in automation

Performance Efficiency

- Democratize advanced technologies
- Go global in minutes
- Use serverless architectures
- Experiment more often
- Mechanical sympathy

Cost Optimization

- Adopt a consumption model
- Measure overall efficiency
- Stop spending money on data center operations
- Analyze and attribute expenditure
- Use managed services to reduce cost of ownership

AWS Well-Architected Framework

- Operational Excellence - https://d1.awsstatic.com/whitepapers/architecture/AWS-Operational-Excellence-Pillar.pdf

- Security - https://d1.awsstatic.com/whitepapers/architecture/AWS-Security-Pillar.pdf

- Reliability - https://d1.awsstatic.com/whitepapers/architecture/AWS-Reliability-Pillar.pdf

- Performance Efficiency - https://d1.awsstatic.com/whitepapers/architecture/AWS-Performance-Efficiency-Pillar.pdf

- Cost Optimization - https://d1.awsstatic.com/whitepapers/architecture/AWS-Cost-Optimization-Pillar.pdf