



AWS Well Architected Framework – Part 2

Amazon Web Services

Performance Efficiency Pillar

There are four best practice areas for performance efficiency in the cloud:

There are four best practice areas for performance efficiency in the cloud:

- Selection
- Review
- Monitoring
- Tradeoffs



Performance Efficiency Pillar – Design Principals

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

Cost Optimization Pillar

There are four best practice areas for cost optimization in the cloud:

- Expenditure Awareness
- Cost-Effective Resources
- Matching supply and demand
- Optimizing Over Time



Cost Optimization Pillar – Design Principals

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

Operational Excellence Pillar

There are three best practice areas for operational excellence in the cloud:

- Prepare
- Operate
- Evolve



Operational Excellence Pillar – Design Principals

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

Next Video

Billing & Pricing