

Task 2 – AWS Well-Architected Framework Table

Pillar	Observation	Recommendation	Supporting Aws Service
Operational Excellence	Manual deployments and monitoring are inconsistent	Implement CI/CD and centralized logging	AWS CodePipeline, AWS CloudWatch
Security	Security groups allow broad inbound access	Apply least privilege IAM	AWS IAM, AWS WAF
Reliability	Application runs in a single AZ with no backup strategy	Deploy multi-AZ architecture with automated backups	Amazon RDS Multi-AZ, AWS Backup
Performance Efficiency	Fixed instance sizes regardless of demand	Enable auto-scaling and managed load balancing	EC2 Auto Scaling, Elastic Load Balancer
Cost Optimization	Resources always running at full capacity	Use right-sizing and pay-as-you-go services	AWS Compute Optimizer, AWS Lambda