CUSTOMER Well Architected Report

Executive Summary

AWS Well-Architected represents a comprehensive collection of recommended practices for creating top-tier applications and systems in the Cloud. This framework is structured around six foundational "Pillars" that encapsulate essential principles for design and operation in areas such as Security, Reliability, Performance Optimization, Operational Excellence, and Sustainability. These Pillars are evaluated using specific criteria. Deviations from these recommended practices are classified as either High Risk or Medium Risk issues, based on the extent of the deviation.

Our goal with our Well Architected Report is to propose a developmental pathway, guiding you towards a Well-Architected platform that will meet their business needs now and adapt seamlessly as they evolve. To achieve this, we conducted a workshop to gain insights into existing technical and operational frameworks, future aspirations, and limitations. This document presents a synopsis of our findings from the Well-Architected Review and outlines a strategic improvement roadmap, which is in sync with the six Pillars of AWS Well-Architected.

Review Highlights

Manually Insert Review highlights here

Pillar Review

The section below breaks each Well-Architected Pillar down into High, Medium, and Low Risk issues. The sections provide a granular breakdown of the areas assessed within each Pillar, and the overall status for each, based upon the benchmarks within the Well-Architected Framework criteria.

Please note that this section summarises generic remediation actions based upon AWS guidance; specific recommendations to are detailed in the proceeding section.

Security

The Security Pillar consists of seven principals for Well-Architected in the Cloud:

• Implement a strong identity foundation

• Enable traceability

• Apply security at all layers

• Automate security best practices

• Protect data in transit and at rest

• Keep people away from data

• Prepare for security events

Reliability

The Reliability Pillar consists of five principals for Well-Architected in the Cloud:

• Automatically recover from failure

• Test recovery procedures

• Scale horizontally to increase aggregate workload availability

• Stop guessing capacity

• Manage change in automation

Performance Efficiency

The Performance Efficiency Pillar consists of five principals for Well-Architected in the Cloud:

• Democratise advanced technologies

• Go global in minutes

• Use serverless architectures

• Experiment more often

• Consider mechanical sympathy

Cost Optimisation

The Cost Optimisation Pillar consists of five principals for Well-Architected in the Cloud:

• Implement cloud financial management

• Adopt a consumption model

• Measure overall efficiency

• Stop spending money on undifferentiated heavy lifting

• Analyse and attribute expenditure

Operational Excellence

The Operational Excellence Pillar consists of five principals for Well-Architected in the Cloud:

• Perform operations as code

• Make frequent, small, reversible changes

• Refine operations procedures frequently

• Anticipate failure

• Learn from all operational failures

Sustainability

The Sustainability Pillar consists of six principals for Well-Architected in the Cloud:

• Understand your impact

• Establish sustainability goals

• Maximise utilisation

• Anticipate and adopt new, more efficient hardware and software offerings

• Use managed services

• Reduce the downstream impact of your cloud workloads

Risk Overview

{{pillargraph}}

High Risk Items

{{highrisk}}

Medium Risk Items

{{mediumrisk}}

CUSTOMER Remediation Action Plan

The Risks identified within this review will be addressed through the activities defined in the Remediation Action Plan below.­­

INSERT REMEDIATION ACTIONS MANUALLY GROUPED BY PILLAR