



Well-Architected AWS ASSESSMENT

Are you Well-Architected in the cloud?

The CorpNet Well-Architected Assessment is intended to educate clients on the best practices for designing reliable, secure, efficient, and cost-effective systems in the cloud.

Constructed on the Amazon Web Services (AWS) Well-Architected Framework, detailed below, this offer helps clients understand the pros and cons of decisions made while building systems on AWS.

The AWS Well-Architected Framework is based on four domains — **Security, Reliability, Performance Efficiency, and Cost Optimization.**

DOMAIN	DESCRIPTION
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SECURITY: The ability to protect information, systems, and assets while delivering business value through risk assessments and mitigation strategies.



RELIABILITY: The ability of a system to recover from infrastructure or service failures, dynamically acquire computing resources to meet demand, and mitigate disruptions such as misconfiguration or transient network issues.



PERFORMANCE EFFICIENCY: The ability to use computing resources efficiently to meet system requirements, and to maintain that efficiency as demand changes and technologies evolve.



COST OPTIMIZATION: The ability to avoid or eliminate unnecessary cost or suboptimal resources.

CorpNet Partners with companies seeking to understand, plan and execute the move to AWS.

As nationally-recognized experts, our focus is on scalability, automation, performance, and agility. CorpNet is your partner for success in the cloud.

Contact us today to
Learn more about the
Well-Architected
Assessment Package

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The Well-Architected framework applies a set of General Design Principles to facilitate good design in the cloud

TAKE OUT THE GUESSWORK: Eliminate the need to guess infrastructure capacity requirements. When a capacity decision is fixed before deploying a system, you risk either sitting on expensive, idle resources or worse still, dealing with the performance implications of inadequate capacity. An elastic model scales to your needs as they change.

TEST SYSTEMS AT PRODUCTION SCALE: In a traditional, non-cloud environment, it is usually cost-prohibitive to create a duplicate environment solely for testing. Consequently, most pilot environments are not tested at live levels of production demand. In the cloud, you can create a duplicate environment as and when required, complete your testing, and then decommission the resource. Because you only pay for the test environment when it is running, you can simulate your live environment for a fraction of the cost of testing on premises.

LOWER THE RISK OF ARCHITECTURE CHANGE: Because you can automate the creation of test environments that emulate your production configurations, you can carry out testing easily. You can also remove the test serialization that occurs in on-premises environments where teams have to queue to use the test resources.

AUTOMATE TO MAKE ARCHITECTURAL EXPERIMENTATION EASIER: Automation allows you to create and replicate your systems cost effectively. Changes to your automation can be tracked allowing you to audit the impact, and revert to previous parameters if necessary.

ALLOW FOR EVOLUTIONARY ARCHITECTURES: In a traditional environment, architectural decisions are often implemented as a static, one-time event, with several major versions of the system during its lifetime. As a business and its context continually change, these initial decisions may later hinder the system's ability to deliver current business requirements. In the cloud, the capability to automate and test on demand lowers the risk of impact from design changes. This allows systems to evolve over time so that businesses can take advantage of new innovations as a standard practice.