

Azure Well-Architected Framework and Knowit

The Azure Well-Architected Framework is a structured approach created by Microsoft for best practices to help customers build cost effective, secure, high-performing, resilient, and efficient infrastructure for their applications.

The review will focus on the 5 pillars of the Azure Well-Architected Framework. Once the review is completed, Knowit will provide a prioritized list of findings allowing you to optimize your environment and governing processes according to Azure best practices

The 5 pillars of the Well-Architected Framework



Cost Optimization

Apply the cost principles in your architecture to accelerate your time to market while avoiding capitalintensive solutions



Operational Excellence

Processes to run and monitor systems to their optimum to deliver business value and to continually improve supporting policies and procedures



Performance Efficiency

Procedures to use resources both efficiently and cost effectively to meet workload requirements & to maintain that excellence as business needs evolve



Reliability

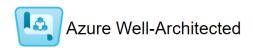
The resiliency of an environment to recover from infrastructure or service failures, acquire computing resources to meet demand, and reduce disruptions



Security

The ability to secure systems, assets, and information while delivering value management through risk assessments and threat prevention strategies





Well-Architected Benefits



What used to take months and millions of dollars can now be done in minutes with negligible cost. Agile and cloud-first organaizations are developing nice innovations that gives competitive advantages in the competition



The business always wants to go faster to the market (as long as it does not break anything). Having a strong infrastructure and processes is fondational to speed.



Every change has a potential positive & negative impact. This review process helps to systematically assess these impacts prior to change





To grow your business one has to take a consistant approach. Whether it is a new product or a change to an existing one, everyone is the organization should be using the same framework

Lower & Mitigate Risks

Security & Risks are priority for every organization. The Well-Architected review allows you to systematically assess each area of critical workloads to identify potential risks and derive remediation plans



Performing Well-Architected Reviews periodically increases the visibility & transparency of current risks & issuses. This transparency is an execellent communication tool to increase accountability

How does it work?

2. Operational Excellence

- **DevOps Methodology**
- Operational Policies
- **Continuous Improvement**

4. Reliability

- **Business Continuity & Disaster Recovery**
- Cloud Architectures
- Operational efficiencies



1. Cost Optimisation

- Financially efficient architecture
- **Understanding ROI requirements**
- Remediation Plan

3. Performance Efficiency

- Identify workload requirements
- Ability to scale applications
- **Business efficiencies**

5. Security

- **Security Controls**
- Privilege Management
- **Encryption and Compliance**