

Cloud Framework

Cloud Adoption & Well-Architected Framework





Cloud Adoption Framework

The Cloud Adoption Framework (CAF) is a **collection of documentation, implementation guidance, best practices, and tools** that are proven guidance from Microsoft designed to accelerate your cloud adoption journey.

The organisations which are new to cloud will begin with Azure Cloud Adoption Framework. The seven pillars of CAF are:

- **Strategy** – Define business justification and expected outcomes of adoption
- **Plan** – Align actionable adoption plans to business outcomes
- **Ready** – Prepare the cloud environment for the planned changes
- **Adopt (Migrate/Innovate)** – Migrate and modernize existing workloads / Develop new cloud-native or hybrid solutions
- **Govern** – Govern the environment and workloads
- **Manage** – Operations management for cloud and hybrid solutions
- **Organize** – Align the teams and roles supporting your organization's cloud adoption efforts

Azure CAF detailed information is available [here](#).

AWS CAF detailed information is available [here](#).

GCP CAF detailed information is available [here](#).



Well-Architected Framework

The Azure Well-Architected Framework is a set of guiding tenets that can be used to improve the quality of a workload. It helps cloud architects build the most secure, high-performing, resilient, and efficient infrastructure possible for their applications

WAF enable us as customer to design well-architected and high-quality workloads in Azure Cloud. The Five pillars of CAF are:

- **Cost Optimization** – Managing costs to maximize the value delivered
- **Operational Excellence** – Operations processes that keep a system running in production
- **Performance Efficiency** – Ability of a system to adapt to changes in load
- **Reliability** – Ability of a system to recover from failures and continue to function
- **Security** – Protecting applications and data from threats
- **Sustainability** - Sustainability pillar focuses on environmental impacts, especially energy consumption and efficiency

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