

Azure Well Architected Framework



What is Well Architected Framework (WAF) ?

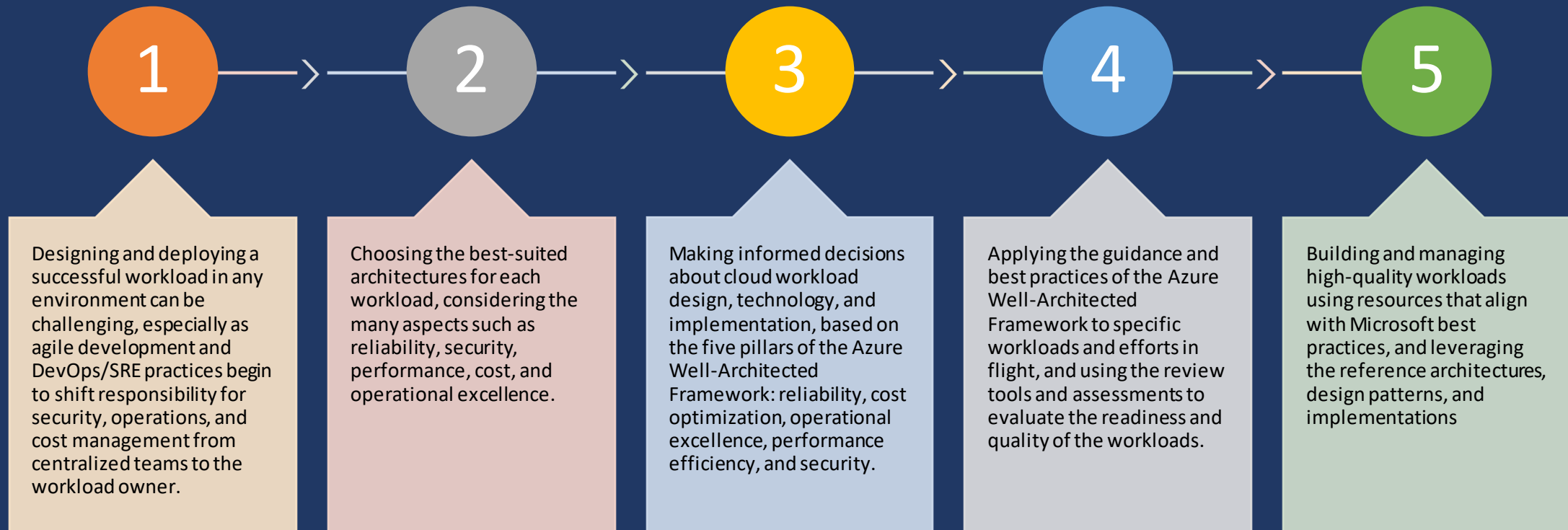
The **Azure Well-Architected Framework (WAF)** helps solution architects build quality-driven workloads on Azure. It covers five pillars of architectural excellence: Reliability, Security, Cost Optimization, Operational Excellence, and Performance Efficiency. You can use the Azure Well-Architected Review tool to assess and improve your workload design. You can also access the Azure Architecture Center for more resources and best practices.

Key components of an Azure Cloud Readiness Assessment typically include

- **Pillars:** Five pillars of architectural excellence: Reliability, Security, Cost Optimization, Operational Excellence, and Performance Efficiency.
- **Workloads:** Different types of workloads that run on Azure, such as Oracle on IaaS, SAP, Mission-critical, Hybrid, Sustainability, and IoT.
- **Assessment tool:** An online tool that assesses your workload against the five pillars and provides recommendations and resources.
- **Training:** Various training options to learn and apply the framework principles and practices.

Why is Well Architected Framework (WAF) Required

Key Challenges:



Why is Well Architected Framework (WAF) Required

Benefits of Well Architect Framework



Evaluate Project Alignment with Best Practices: Conduct a thorough review of your project's current state to ensure alignment with industry-leading cloud practices.



Receive Actionable Guidance: Gain practical recommendations and actionable steps to enhance your system's architecture and performance.



Assess Workloads Across Five Pillars: Evaluate and optimize your workloads based on the six key architectural pillars: Reliability, Security, Cost Optimization, Operational Excellence and Performance Efficiency.



Receive Actionable Guidance: Gain practical recommendations and actionable steps to enhance your system's architecture and performance.



Future-Proof Decision Validation: Validate whether the design and implementation decisions made during system development are forward-looking and resilient.



Progress Tracking: Continuously track progress by conducting subsequent Well-Architected Reviews over time.

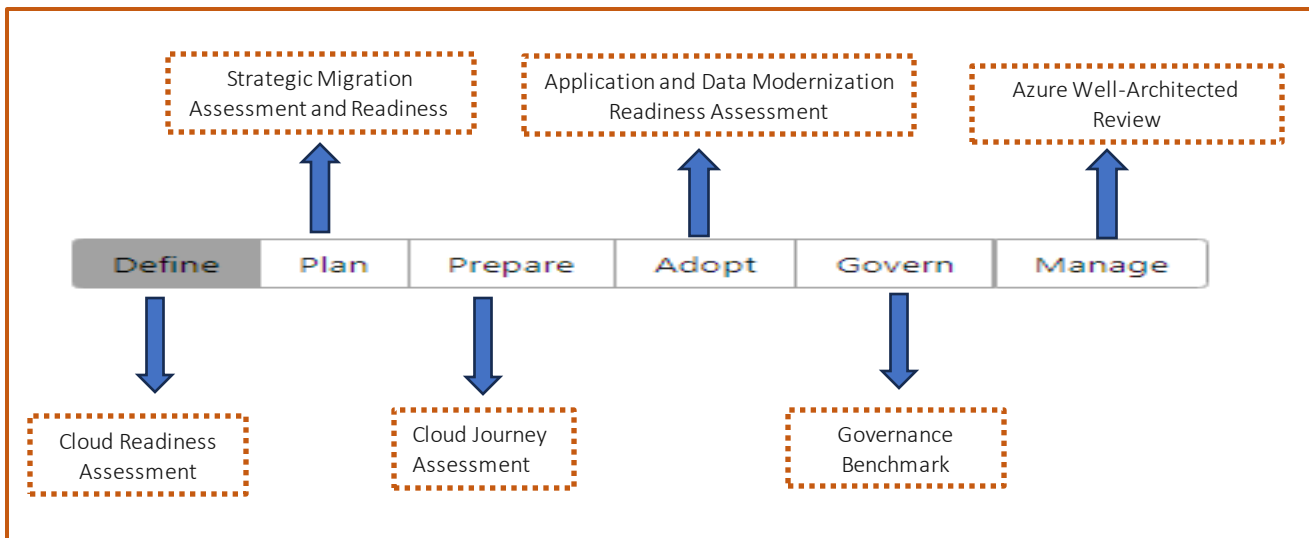


Consistent Approach to Sustainability: Establish a consistent approach for building and designing sustainable cloud projects.

Microsoft Assessment Focus Areas

The **Cloud Adoption Framework (CAF)** consolidates best practices from Microsoft and others, offering tools and guidance to shape technology and business strategies, driving desired outcomes in adoption efforts.

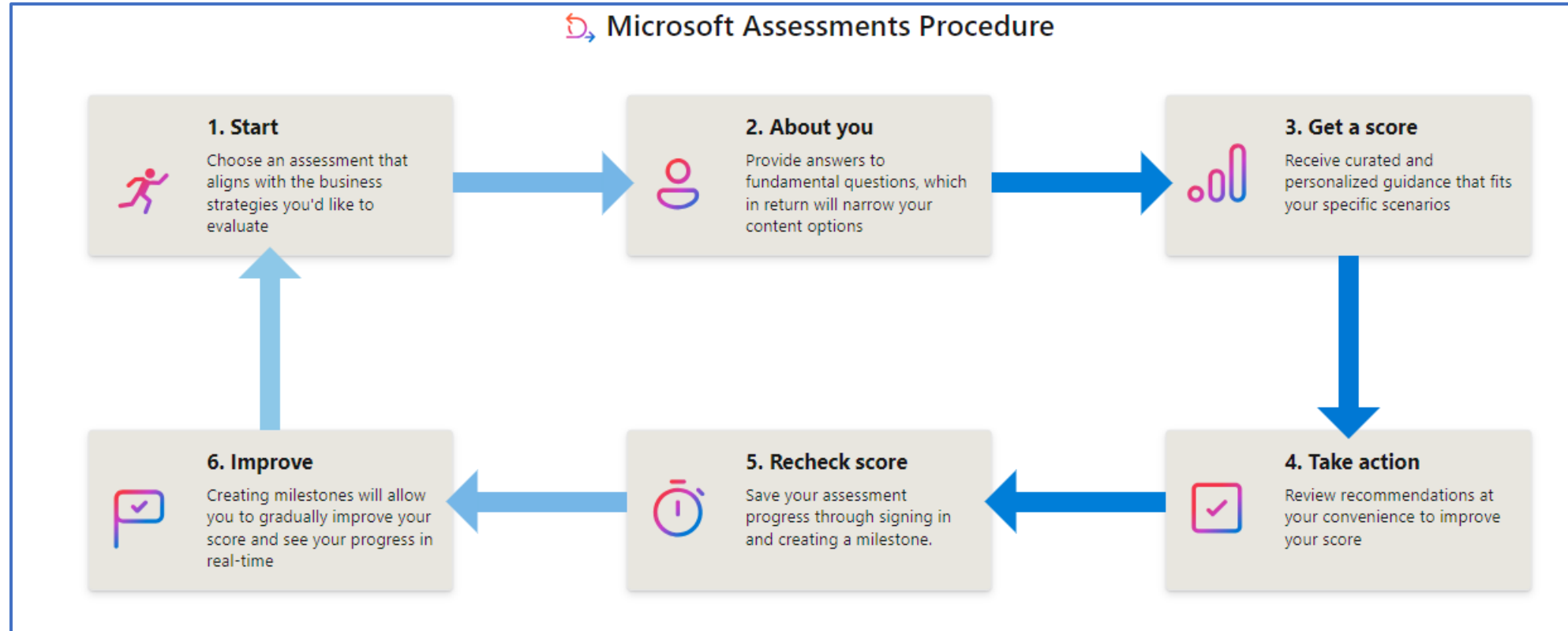
Each methodology contributes to the cloud adoption lifecycle, supported by the Cloud Adoption Framework (CAF) throughout each phase of the journey. The framework utilizes methodologies to address common blockers, as depicted in the following diagram.



Microsoft Assessments offer curated guidance reports based on scenario-based questions, providing actionable insights.

Microsoft Assessments Procedure

(Cloud Readiness Assessment)



Assessments benefits

✓ **Actionable recommendations**

Receive practical recommendations based on your needs

✓ **Self guided**

Access your approach at your convenience

✓ **Track and share progress**

Share assessment results with those you trust and plan your next steps

What is Saxon's WAF Framework/Methodology

Cost Optimization



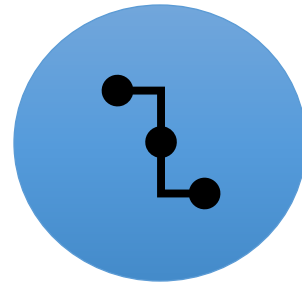
- Azure Hybrid Benefits
- Resize
- Governance
- Move to PaaS
- Evaluation
- Savings Plan
- Reserve Instance

Security



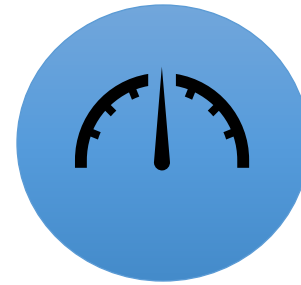
- Identity and access management
- Infra Protection
- App Security
- Security Operations
- Data Protection

Reliability



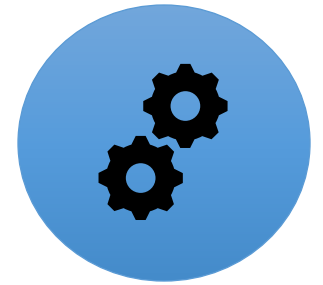
- Monitor Health
- Define Requirements
- Deploy Consistently
- Respond to DR
- Resilience Testing
- Service Limits

Performance Efficiency



- Design for Scaling
- Architecture selection
- Storage and compute selection
- Database
- Monitoring

Operational Excellence



- Deployment
- Monitoring
- CI/CD

Saxon's Approach & Timelines – Well Architected Framework

Day 1 Assessment

- Our Azure experts will assess your Azure architecture in the first week
- We will compare it with the best practices and standards
- We will use tools and methods like:
 - * Interviews
 - * Surveys
 - * Azure Advisor
 - * Azure Resource Graph
 - * Azure Monitor

Day 2 & 3 Recommendations

- We will provide the detailed report in the 2nd week
- The report will have:
 - * A scorecard
 - * A gap analysis
 - * Recommendations
 - * A roadmap for improvement

Day 4 Implementation

- Implement the recommendations as per the roadmap
- We will help you with the implementation process, which involves:
 - * Resizing resources
 - * Improve security configurations
 - * Optimize cost management

Day 5 Validation

- We will monitor and validate the changes
- We will provide regular check-ins and updates
- We will ensure your Azure environment is optimized and aligned with the best practices and standards

Saxon's Deliverables of WAF

Deliverables

- ✓ Proposal for Architectural Improvements: Report on Key Findings and Risks
- ✓ High-level implementation roadmap for mitigating all key findings and risks.
- ✓ Understanding of concepts within the Well-Architected Framework
- ✓ Estimated budget for the next step

Sample Assessment Report

Categories that influenced your results



Your overall results

MEDIUM

Almost there. You have some room to improve but you are on track. Review the recommendations to see what actions you can take to improve your results.

LOW 0-4

MEDIUM 4-7

HIGH 7-11



Your result:
5/11



About Us

Saxon is a data and analytics company specializing in industry-specific solutions to make organizations more insights-driven. It helps in empowering clients with actionable information for real-time decision-making, serving as a key solution partner to leading data engineering & Cloud Technology platforms, supporting diverse industries in their digital transformation journey.

Saxon has been the Trusted Partner over 2 decades for holistic business transformation: Industry Insights, Consulting Excellence, and Cutting-Edge Cloud & AI Solutions

THANK YOU

