# OPTIMISE YOUR CLOUD ENVIRONMENT IN LINE WITH THE BEST PRACTICES. BE WELL ARCHITECTED!

## Well Architected Framework Review (WAFR)

## Cloud first, means architected first.

Being on the cloud is not enough. It is critical to have the right understanding of state of the workload and get an insightful understanding of your cloud architecture and the related best practices. Your business should always have the optimal mix of infra, solutions and spends. Only then will you be able to take home the dividends of the cloud computing promise - of agility, scalability, responsiveness and business impact. Simply put, it is vital for businesses to align their workloads – measure and improve the steps and techniques, based on the business and technical objectives. To get a handle on all of this, you need a well architected and optimised cloud environment. Find out how with Minfy.

# WHAT IS THE WAFR FRAMEWORK?
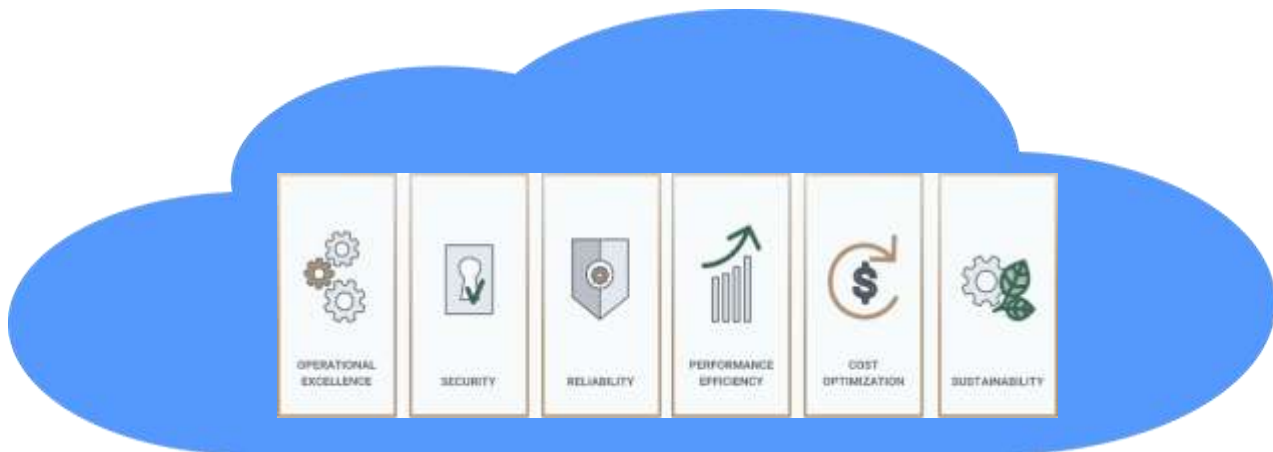


The AWS guided Cloud Architecture Framework describes the key concepts, design principles, and architectural best practices for designing and running workloads in the cloud. By answering a set of foundational questions, you learn how well your architecture aligns with cloud best practices and are provided guidance for making improvements.

**Pillars Principles**         **Design**         **Questions**
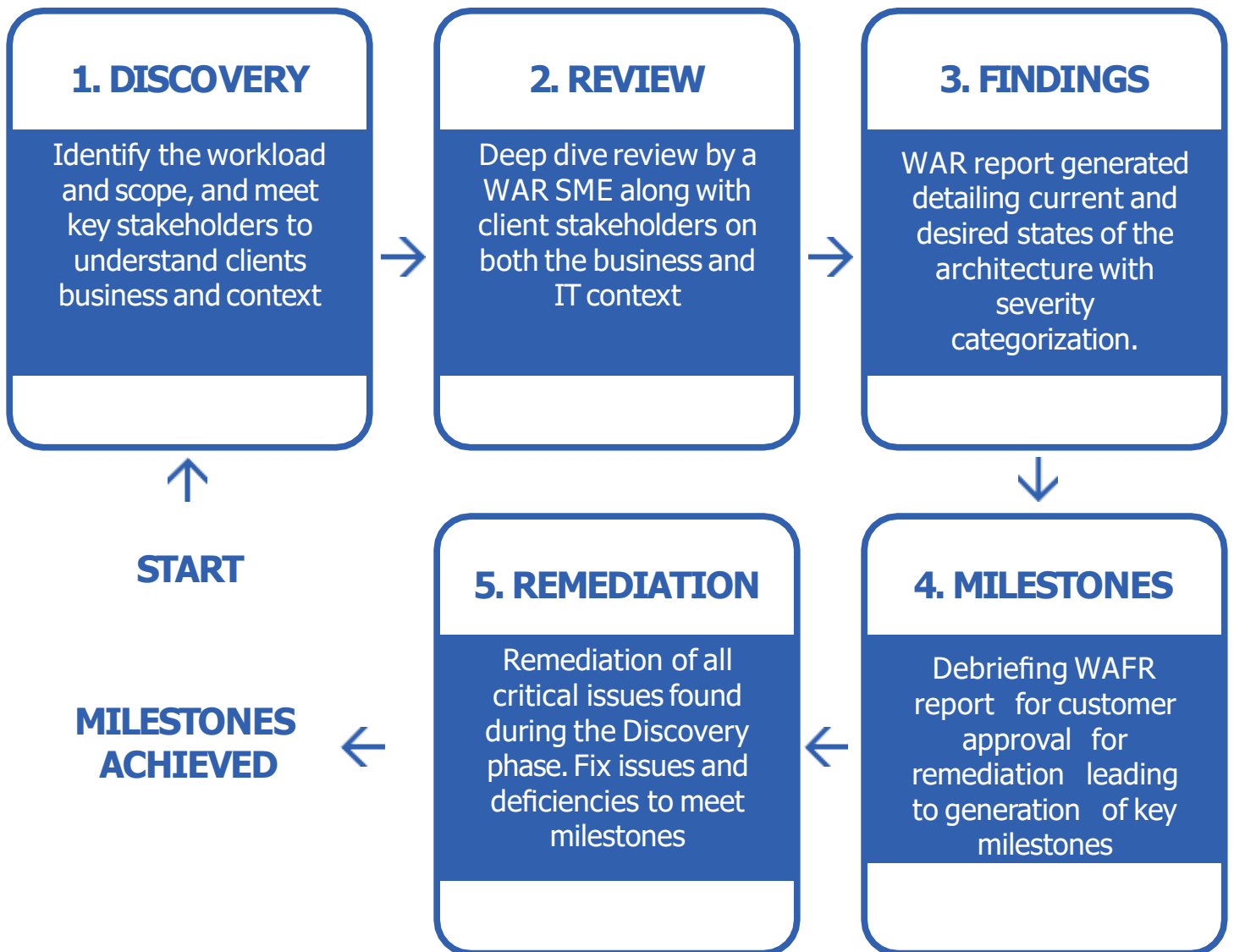
## Why the WAFR framework?

The framework is an action oriented one which helps businesses build and deploy infrastructure faster on the cloud. While doing so it helps in lowering and mitigating risks.  The Framework delivers insights that enable informed decisions and as the cycle progresses teams end up learning and making AWS best practices as part of their customer  driven culture.

# How does WAFR work

**1. DISCOVERY**

Identify the workload and scope, and meet key stakeholders to understand clients business and context

**2. REVIEW**

Deep dive review by a WAR SME along with client stakeholders on both the business and IT context

**3. FINDINGS**

WAR report generated detailing current and desired states of the architecture with severity categorization.

**START**

**MILESTONES ACHIEVED**

**5. REMEDIATION**

Remediation of all critical issues found during the Discovery phase. Fix issues and deficiencies to meet milestones

**4. MILESTONES**

Debriefing WAFR report for customer approval for remediation leading to generation of key milestones

**150+**
Successful cloud optimization done globally

**8 Hours**
Time taken to get a comprehensive WAFR done by Minfy

**85+WAFR review**
Minfy is a WAFR certified Premier Partner of AWS

**90%**
WAFR Customers leveraged AWS advanced services to improve their workloads

**40%**
Cost Savings by adapting the Minfy recommended Well-Architected Framework

# Six Pillars

## Operational Excellence Pillar

The operational excellence pillar focuses on running and monitoring systems to deliver business value, and continually improving processes and procedures. Key topics include automating changes, responding to events, and defining standards to manage daily operations.

## Security Pillar

The security pillar focuses on protecting information and systems. Key topics include confidentiality and integrity of data, identifying and managing who can do what with privilege management, protecting systems, and establishing controls to detect security events.

## Reliability Pillar

The reliability pillar focuses on ensuring a workload performs its intended function correctly and consistently when it's expected to. A resilient workload quickly recovers from failures to meet business and customer demand. Key topics include distributed system design, recovery planning, and how to handle change.

## Performance Efficiency Pillar

The performance efficiency pillar focuses on using IT and computing resources efficiently. Key topics include selecting the right resource types and sizes based on workload requirements, monitoring performance, and making informed decisions to maintain efficiency as business needs evolve.

## Cost Optimization Pillar

The cost optimization pillar focuses on avoiding unnecessary costs. Key topics include understanding and controlling whe re money is being spent, selecting the most appropriate and right number of resource types, analyzing spend over time, and scaling to meet business needs without overspending.

## Sustainability

The Sustainability pillar focuses on environmental impacts, especially energy consumption and efficiency since they are important levers for architects to inform direct action to reduce resource usage.

# Who benefits from WAFR

### Security

Lurking security issues get identified and remedial action suggested

### Operations

Guidance on reducing the overhead in managing systems

### Product management

How to make application available on a continuing and purposive basis

### Finance

Ideal pay-out benchmarking and insights

### Customer support

Insights and advisory framework on improving response time to end customer impacting incidents

# Our WAFR Customers



MEDITAB · N·S·D·C National Skill Development Corporation · vfs. · pwc · VARA

ఈనాడు · Matador · WILLOWOOD · WALLACE · Deccan Chronicle

mjunction · ETG · arcserve · PRO VIGIL · SREI

Himadri · Havmor ICE CREAM · ADITYA BIRLA HEALTH · SOBHA · GATI · LEVADATA

POS MALAYSIA · ayur.ai · AUTOLEAGUE

# COMPETENCIES



aws partner network
Premier
Consulting Partner
Well Architected

aws partner network
Premier
Consulting Partner
Channel Partner

aws partner network
Premier
Consulting Partner
Public Sector Partner

aws partner network
Premier
Consulting Partner
Amazon CE2 for Microsoft Windows Server

aws partner network
Premier
Consulting Partner
AWS Energy Competency

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Premier
Consulting Partner
Migration Competency

**Premier Consulting Partner**

Demonstrating extensive experience in deploying customer solutions on AWS with significant breadth and depth of knowledge through numerous customer engagements, multiple technical validations and verified customer success stories.

**aws** partner network

**Premier**
## Consulting Partner

Migration Competency
Education Competency
SAP Competency
DevOps Competency
Microsoft Workloads Competency

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Premier
Consulting Partner
MSP Partner

aws partner network
Premier
Consulting Partner
Amazon RDS

aws partner network
Premier
Consulting Partner
Immersion Day Partner

aws partner network
Premier
Consulting Partner
Solution Provider

# AWARDS AND RECOGNITIONS



CRN Excellence Award - Enterprise Category **2020**

APN Differentiation Partner of the Year **2019**

APN Rising Star Partner of the year (Public Sector) **2019**

CRN Excellence Awards Category Cloud **2018**

AWS Consulting Partner of the Year **2020**

AWS Worldwide Public Sector Award **2020**

AWS Consulting Partner of the Year **2022**

APN Excellence Award Rising Star Partner of the Year **2018**

APN Excellence Award Rising Star Partner of the Year Asia Pacific **2018**

APN Excellence Awards Rising Star Consulting Partner South India **2016**

CRN Excellence Awards Enterprise Application **2019**

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## About Minfy

Minfy is AWS focused System Integrator. We partner with large, mid-sized and greenfield enterprises to overcome their biggest Cloud and DevOps challenges.

Our solutions portfolio enables the full lifecycle of digital transformation and optimization. Our delivery is backed by industry-certified, world-class talent.

https://www.minfytech.com