

Microsoft Zero Trust Digital Identity and Access Management

Reimagine Identity and Access Management through adoption of ZeroTrust on Microsoft Azure



Securing Identity with Zero Trust

Zero Trust Identity Security asserts that anything connecting to the network or enterprise apps and data stores requires verification before it receives access.

In other words, enterprises must treat everything connecting to it as untrusted, until it can absolutely prove otherwise



CHALLENGES

- Proliferation of BYOD
- Inconsistent access
- Identity breaches or phishing attacks
- Risky user behavior
- Privilege escalation

IDEAL SOLUTION

- Unified Identity & Access Management
- Contextual Access Management
- Adaptive workforce with continuous authentication throughout the lifecycle

DESIRED OUTCOMES

- Access to resources driven by dynamic policy
- Dynamic and strictly enforced authentication and authorization
- Per-session access to individual enterprise resources



Identity Security - A Shift to Zero Trust

Mphasis' Zero Trust'-based identity and access management services creates a circle of trust between all types of identities in an organization across multiple infrastructures, for an effective alliance

1

Preparation & Discovery

- Identify key stakeholders
- Develop project plan
- Finalize scope
- Meet with key stakeholders

2

Assessment & Define:

- Assess current processes and procedures
- Analyze key data points
- Define maturity levels

3

Reporting

- Define transformation roadmap
- Present to leadership

Identity Security with Zero Trust

Insecure Network

Identity Breach

Inconsistent Access

Risky User Behavior

BYOD Devices



Least Privilege Principle

- Privilege access management
- Just-in-time access
- Password rotation
- Continuous monitoring of privileged access



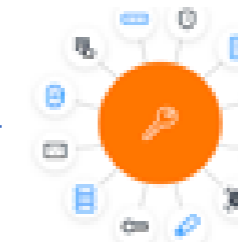
User Access Reviews

- Access certification campaign
- Scheduled certification
- Automated approval workflow



Role-based Access

- Role aggregation
- Role modelling
- Role mining
- Entitlement management
- SoD (Segregation Of Duty)



Adaptive MFA

- Context based authentication
- User behavior analytics
- Granular authentication
- Risk based approach
- Conditional Access



Predictive Modelling

- Access insights
- Access modelling
- Automated recommendation

↑ Access compliance

Privilege creep ↓

↑ Automated certifications

Idle access ↓

↑ Access accuracy

Un-defined/
un-structured
roles and accesses ↓

↑ Access control

Attack vectors ↓

↑ Continuous compliance

Risky user behavior ↓

Challenges

Approach

Service Features



Benefit

Emphasis Zero Trust for Azure AD

Microsoft Digital identity and access management solutions create a circle of trust between all identities in organizations across multiple infrastructure .

Key Azure capabilities that can extend your modern IAM strategy:

User Lifecycle Management

Privileged Identity Management

Identity Protection

Identity Governance

Conditional Access

Azure Security Center



End to end enterprise security for a Fortune 500 FMCG Company

Stringent timelines for carveout from parent company

Absence of security program governance – for policies, procedures, controls, CISO framework

Move from Co-Lo / data centers to Cloud Native enterprise (Microsoft)

Need to maintain plants unaffected and secure through the transformation

Design

Security governance framework for Security Organization operation

Zero Trust approach – 100% Cloud Journey based on Microsoft Security Stack

Build

Security policies, controls, procedures and governance model

Azure Security, risk-based security controls, security threat management

Operate

24X7X365 security monitoring — Cloud security, identity security, data protection, perimeter security

Microsoft Zero Trust Digital Identity and Access Management

Call for more information: +91 9989774073

Ask a question via email: CyberDefense@mphasis.com

Learn more: [Cyber Security Service Solutions](#) | [Cyber Security Service Provider](#) | [Managed Security Service Provider](#) | [Managed Security Service Solutions \(mphasis.com\)](#)



Specialist
Cloud Security
Threat Protection