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Kyndryl IAM Design and Implementation Services

Introduction

In today's digital landscape, organizations face increasing challenges safeguarding their sensitive data and resources from unauthorized access.

Challenges include:

- Rapid increase of identities that need to be protected.
- Accelerated growth of apps, on and off the corporate network, requiring secure access.
- Hybrid work requires seamless, flexible experience while keeping access secure.
- Identity attacks are on the rise—over 1,000 password attacks per second.
- Evolving regulations with data privacy and security implications.

Effective Identity and Access Management (IAM) solutions are critical to address these challenges and for ensuring security, regulatory compliance, and operational efficiency. Security in cloud is a shared responsibility and organizations need to design and configure their IAM systems, applications, and processes in line with business needs, industries best practices and compliance requirements.

Microsoft offers a comprehensive IAM platform known as Microsoft Entra, designed to address these needs. Microsoft Entra ID helps organizations protect access to resources and data using strong authentication and real-time, risk-based adaptive access policies without compromising user experience. Microsoft Entra ID Governance ensures that the right people have the right access to the right resources at the right time. Microsoft Entra External ID is a complete customer identity and access management solution that enables personalization and secure access to any application for customers and partners.

By leveraging Microsoft Entra capabilities, Kyndryl Identity and Access Management Design and Implementation Services provide comprehensive IAM solution design, architectures, and implementation support for customers' IAM requirements across hybrid and cloud environments. It provides security, simplifies user authentication, governance, integrations and enables secure access to resources.

Highlights

- **Secure Access to any application or resource from anywhere:** Safeguard your organization by protecting access to every app and resource for all users.
- **Provide only necessary access:** Discover and right size permissions, manages access lifecycles, and ensure least privilege access to any identity.
- **Simplify User Experience:** Keep users productive with simple log in experiences and unified centralized administration.
- **Zero Trust Alignment:** Adheres to Zero Trust principles, continuous verifications, and Just in Time (JIT) access control approach.
- **Integration Capabilities:** Seamless integrations with other IAM systems and security solutions.

Kyndryl Identity and Access Management Solution

Our solution primarily leverages Microsoft Identity and Access Management (IAM) cloud native capabilities which is catered by Microsoft Entra product suites and the associated built-in integrations, advanced security controls in Azure to implement Zero Trust user access for enterprise systems and business applications.

The focus is to lay out the best practices and approach of identity and access management set up in a multi cloud and hybrid environment based on Kyndryl's and Microsoft's vast experience in Identity and Access Management. Kyndryl has developed various processes and best practices for identity management and governance, which along with the technical controls developed by Microsoft solutions creates a unique Zero Trust based approach to deploy and manage identity and access management.

Key Features and Benefits

End-to-End IAM Solution Design: Kyndryl's service begins with a thorough assessment of your organization's security requirements, compliance needs, and existing infrastructure. Based on this analysis, we design a tailored IAM solution using Microsoft IAM Entra, encompassing user provisioning, authentication, authorization, and governance.

Customized Implementation: Our team of IAM experts works closely with your IT personnel to implement the designed solution seamlessly within your environment. We ensure minimal disruption to your operations while deploying Microsoft Entra components such as Entra ID, Entra ID Governance, Entra External ID, etc.

Single Sign-On (SSO) Integration: Enhance user experience and productivity by enabling SSO across cloud and on-premises applications. Microsoft Entra facilitates seamless authentication for users, reducing the burden of managing multiple credentials.

Multi-Factor Authentication (MFA): Strengthen access security with MFA, requiring users to verify their identity through multiple authentication factors such as passwords, biometrics or OTPs. Our service configures and integrates MFA into your IAM solution, adding an extra layer of protection against unauthorized access attempts.

Identity Governance and Lifecycle Management: Ensure compliance and mitigate risks by establishing robust identity governance policies and automating identity lifecycle management processes. Microsoft Entra Governance provides capabilities for access reviews, role-based access control (RBAC), and privileged access management (PAM), empowering organizations to maintain control over user access rights.

Comprehensive Reporting and Monitoring: Gain insights into user activities, security incidents, and compliance posture through Microsoft Entra's extensive reporting and monitoring capabilities. Our service configures customized dashboards and alerts to provide real-time visibility into IAM operations, enabling proactive threat detection and response.

Service Elements

- Assessment and Requirements gathering
- Solution Design and Architecture
  - Design, architect, and implement the appropriate platform and topology to meet customer needs.
  - Solution Implementation
- Seamless transition to steady-state Managed Support

For more information

Contact your Kyndryl representative to learn more about Kyndryl Identity and Access Management.

About Kyndryl

Kyndryl is the world's largest IT infrastructure services provider, serving thousands of enterprise customers in more than 60 countries. The company designs, builds, manages, and modernizes the complex, mission-critical information systems that the world depends on every day.
To know more visit www.kyndryl.com.

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Why Kyndryl and Microsoft?

About Kyndryl

Kyndryl is the world's largest provider of IT infrastructure services, serving thousands of enterprise customers in more than 60 countries. As a focused, independent company, we're building on our foundation of excellence by bringing in the right partners, investing in our business, and working side by side with our customers to unlock their potential.

Kyndryl and Microsoft advantage

Kyndryl and Microsoft provide the services and solutions to meet customers wherever they are on their cloud journey: on premises, across multiple clouds, or on the edge. With our joint expertise, we work with customers to manage complexity and modernize their operations for rapid business outcomes. We bring together deep design, delivery, management, and cloud technology expertise, supported by an expansive ecosystem, to unlock our customers' potential for long-term business impact.

Providing undisputed leadership

- **6.7M** mainframe installed MIPS
- **360K** network devices managed
- **576** exabytes of customer data backed up annually
- **73K+** WAN devices managed
- **23M** service desk contacts annually
- **4.1M** LAN ports managed

Empowering thousands of enterprise customers, including:

of the Fortune Global 100 and more than half of the Fortune Global 500

Microsoft Advanced specializations

- Kubernetes on Microsoft Azure
- SAP on Microsoft Azure
- Analytics on Microsoft Azure
- Microsoft Azure VMware Solution
- Microsoft Windows Virtual Desktop
- Microsoft Low Code Application Development
- Adoption and Change Management
- Meeting and Meeting Rooms for Microsoft Teams
- Calling for Microsoft Teams

Solutions Partner designations

- Solutions Partner for Business Applications
- Solutions Partner for Infrastructure (Azure)
- Solutions Partner for Data & AI (Azure)
- Solutions Partner for Digital & App Innovation (Azure)
- Solutions Partner for Modern Work
- Solutions Partner for Security

25,000+ Microsoft certifications

Next steps

Learn more at kyndryl.com.

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Microsoft Partner | Azure Expert MSP