

EY NextGen 2.0 IAM-Cloud Modernization and Enablement Services for Azure Active Directory

Your path to readiness and resiliency

As the new reality emerges, businesses are struggling to build the digital backbone of a hyper-connected world

- ▶ **Remote at scale:** In the wake of the covid-19 pandemic, remote collaboration and working tools are proving to be insufficient and are resulting in performance issues. People have quickly realized that there are many physical and manual steps in the organizational processes and felt the need to ramp up automated online workflows.
- ▶ **Cost-optimized delivery:** As segments of business ramped down production and while others were ramping up, it was becoming extremely difficult to migrate unused infrastructure capacity from one area to another. It is imperative to build a hybrid cloud environment to flex capacity where needed.
- ▶ **Resilient agility:** The crisis has highlighted the need to quickly determine the health to prevent downtime of systems serving our customers in their time of need. There is an urgency to embed security, performance, and resiliency in the infrastructure stacks.

Providing an industry-leading framework to support a holistic assessment and migration strategy for your cloud journey

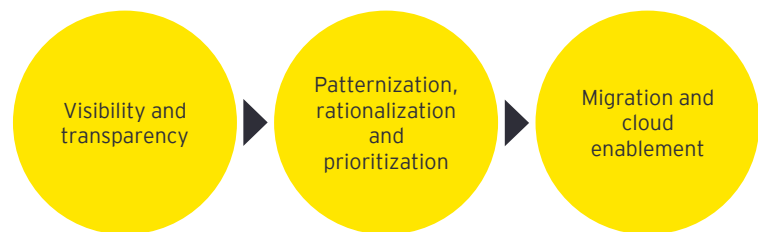
As data continues to grow exponentially, organizations need a platform with massive storage capabilities that is resistant to data breaches, malware, ransomware attacks and other forms of cybersecurity incidents. With the onset of the cloud computing era, businesses of all sizes are seeking to streamline their operations with a robust cloud enablement plan that transforms their business.

The EY NextGen 2.0 IAM-Cloud Modernization and Enablement Services for Azure Active Directory framework focuses on analyzing an organization's existing landscape, modernizing their Active Directory environment, then architecting, deploying and operating a portion of or its entire in-house IT infrastructure, software and resources to Microsoft's cloud services. The complete EY NextGen 2.0 IAM-Cloud Modernization and Enablement Services transformation journey includes:

- ▶ Gaining visibility, transparency through assessment services and developing the strategy and roadmap toward readiness and resiliency
- ▶ Focusing on patternization, rationalization, and prioritization
- ▶ Migration of identities and applications to cloud

Key functionality

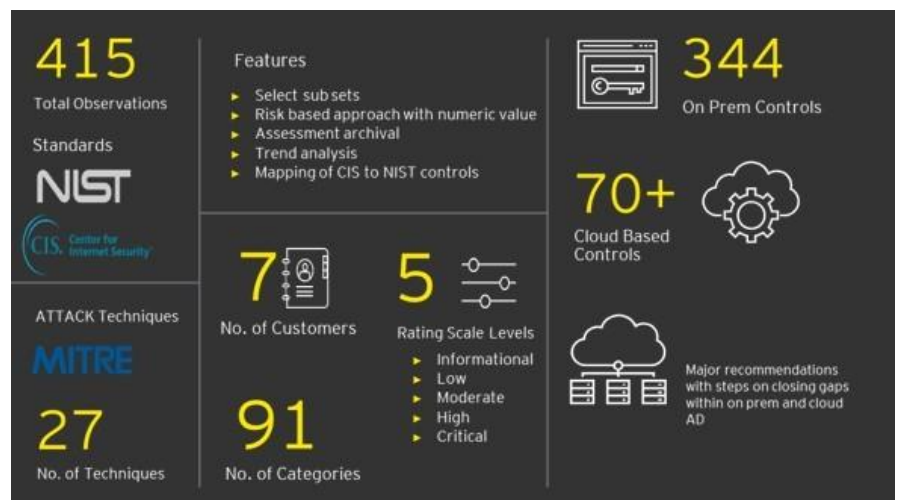
EY NextGen 2.0 IAM-Cloud Modernization and Enablement Services execution



Benefits of EY NextGen 2.0 IAM-Cloud Modernization and Enablement Services for Azure Active Directory

- ▶ **Active Directory assessment:** Get an in-depth maturity review of on-prem Active Directory environment against 300+ controls including, NIST (National Institute of Standards and Technology), Center for Internet Security (CIS) and Microsoft recommendations as well as proven methodologies with large Fortune 500 companies
- ▶ **Readiness and resiliency:** Get the best approach and road map to reimagine your future by looking into all aspects of your business model and IT organization with cloud at the epicenter
- ▶ **Application migration:** Migrate from simple to complex applications from legacy authentication to advanced authentication protocols
- ▶ **Increase in security:** Strengthen information security and reduce business risks by keeping data safe in a virtual, virus-free environment
- ▶ **Reduction of costs:** Save large sums of money that would otherwise be spent on migration of identities, modernization of applications and maintenance of legacy systems
- ▶ **Improvement in productivity:** Access any application on any device across the organization, reduce business downtime and dependency on in-house IT personnel, and streamline business operations

EY controls framework



Customer success stories: EY NextGen 2.0 IAM–Cloud Modernization and Enablement Services for Azure Active Directory in action

The client is one of the largest and fastest-growing employee-owned supermarket chains in the American retail sector. EY teams performed a detailed Azure Active Directory technical assessment through interviews and by running read-only PowerShell scripts. They also interviewed applications through questionnaires and existing authentication integration documents to come up with the patterns of integration with existing authentication systems.

In addition, EY teams recommended Zero-Trust adoption plan and phased Microsoft Cloud App Security (MCAS) roadmap for top identified Cloud Access Security Broker (CASB) use cases. EY professionals produced patterns and prioritization of applications along with strategy for migration to Microsoft Azure Active Directory.

Client challenges

The client teams wanted assistance to:

- ▶ Perform an assessment of their entire Microsoft Azure Active Directory tenant
- ▶ Analyze applications' authentication mechanisms and integration patterns
- ▶ Produce future state roadmap and migration strategy to cloud
- ▶ Create an actionable roadmap to expand Azure Active Directory footprint for cloud transformation journey

Client benefits

- ▶ Evaluated people, process and technology components of the current security program
- ▶ Identified and prioritized opportunities for rapid improvement and to help drive the strategic priorities to expand Azure footprint
- ▶ Performed detailed Azure Active Directory technical assessment through interviews and by running read-only PowerShell scripts
- ▶ Identified 13 high and medium priority observations and suggested recommendations
- ▶ Analyzed 17 configurations settings for alignment to best practices for threat detection and prevention
- ▶ Analyzed 42 configurations settings for alignment to best practices for cloud application and user behavior monitoring
- ▶ Recommended 8 different integration patterns for applications based on assessment data

EY and Microsoft

The digital technologies that are impacting your business today – social, mobile, analytics and cloud – are rapidly expanding to create new employee and customer experiences, fundamentally changing how your organization works, interacts and competes. The EY and Microsoft alliance combines EY deep insights and experience in disruptive industry trends, new business models and evolving processes with Microsoft scalable, enterprise cloud platform and digital technologies. EY and Microsoft can help accelerate digital transformation with advanced solutions that support enterprise strategy, transform customer and workforce experiences, create new, data-driven business models, build intelligent, automated operations and bring confidence that these innovative solutions are secure, compliant and trusted. Together, we can help accelerate digital strategy and amplify your business performance to thrive in a digital world.

For more information, visit: ey.com/microsoft.

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EYG no. 000175-22GbI

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