



CASE STUDY

MICROSOFT AZURE SECURITY POLICY AND CIS BENCHMARK HARDENING AUTOMATION FOR ONE OF THE BIG 4 AUDIT FIRMS

Ensured compliance and security with faster onboarding of new applications.

Client Background

Our client is one of the Big 4 audit firms providing a wide scope of professional services to their clients. Their existing environment had minimal security assessment, was non-compliant with Microsoft security policies. The objectives of the client included:

- Ensure consistency and uniformity of security policies in Microsoft Azure.
- Ensure security standards for compliance are met across the Microsoft Azure ecosystem.

Xoriant Solution | Key Contributions

The client chose Xoriant as its managed services technology partner for delivering the security requirements. As an Azure Gold Partner, the client wanted to leverage Xoriant's expertise, experience and industry best practices, and pre-packaged ready-to-use Security-as-Code solution for Azure Cloud. Our key contributions included:

- Developing parameterized reusable Terraform templates to deploy Azure security policy via Azure DevOps and replicate via Jenkins for on premise environments.
- Writing deployments in Jenkins and Azure DevOps for the customer to provide reusability.
- Developing PowerShell scripts (Windows) and Ansible Playbooks (Linux) to orchestrate the hardening of systems on Azure VMs deployed through Microsoft Azure DevOps.

KEY BENEFITS

- Achieved faster adoption of Azure Cloud in the client business environment.
- Implemented a secure hub and spoke (Transport) networking.
- Ensured compliance and security of the Azure environments.
- Ensured uniformity and consistency for current and future Azure environment deployment through automation.
- Improved the onboarding time for new applications.
- Managed efficient go-to-market releases because of the consistent and reliable process automation.

Client Testimonial



We knew Xoriant was the ideal technology partner to help execute security strengthening processes across our business systems. Their expertise, experience, and industry best practices allowed the adoption of a secure Microsoft Azure environment faster with minimum business downtime.



Technology Stack

**Azure Network (VNET) | Azure Storage | Azure VMs | AKS | MS Azure DevOps | Terraform
Jenkins | Ansible | PowerShell**



Xoriant is a product engineering, software development and technology services company, serving technology startups as well as mid-size to large corporations. We offer a flexible blend of onsite, offsite and offshore services from our eight global delivery centers with over 4000 software professionals. Xoriant has deep client relationships spanning over 30 years with various clients ranging from startups to Fortune 100 companies.