

Kyndryl Application Testing Services on Microsoft® Azure

Customer challenges

Modernization and migration to Azure® demand faster, smarter testing. Yet, traditional methods often fall short, creating gaps in coverage, scalability and compliance. Challenges include:

- Insufficient test coverage: Legacy assets miss cloud-native behaviors and new integrations
- Manual testing bottlenecks: Difficulty in keeping pace with continuous updates and rapid releases
- Limited scalability: Fragmented tools hinder realistic performance and load simulations
- Compliance gaps: Missing frameworks for validating security, accessibility and regulatory standards
- High costs: Traditional environments drive up maintenance and resource overhead

Solution highlights

Modernizing infrastructure with Azure Stack Hyperconverged infrastructure (HCI) demands robust application testing to ensure performance, compliance and reliability across hybrid environments. Kyndryl's integrated services address these needs with precision and scale.

- Provide full life cycle support for Azure Stack HCI with Azure Arc, enabling consistent testing across Cloud and edge
- Combine validated hardware and Azure Arc software for unified test management and visibility
- Support hybrid, multi-cloud and edge deployments with tailored testing strategies for each environment
- Enable incremental testing of workloads like backup, containers, VDI and databases to ensure readiness
- Offer expert delivery and flexible service expansion to align testing with evolving business and compliance goals

Customer benefits

Kyndryl's Application Testing Services on Microsoft Azure help organizations validate functionality, performance and compliance across hybrid and cloud-native environments, ensuring quality at every stage of the development life cycle. Key benefits include:

1. Accelerate testing cycles using Azure-native tools like Load Testing, Test Plans and Playwright, to quickly validate application behavior, responsiveness and user experience across platforms
2. Strengthen governance and audit readiness through integrated traceability, version control and role-based access, ensuring every test is secure, compliant and enterprise-audit ready
3. Improve quality outcomes with end-to-end coverage across functional, performance, security and compliance scenarios, reducing risk and enhancing release confidence
4. Scale efficiently by centralizing test execution and reporting within Azure DevOps, while leveraging elastic resources and pre-configured environments via DevTest Labs for cost-effective automation



Providing undisputed leadership



6.1M mainframe
installed MIPS



270K network
devices managed



5,200+ WAN
devices managed



3.5M LAN
ports managed



3.5+ exabytes of customer
data backed up annually



14K+ SAP
instances managed



675K+ VMware
instances managed

26,000+ Microsoft Cloud
certifications

16,500+ Unique Microsoft
certified employees

66 Countries with Microsoft Cloud
certified employees

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.

Next steps

Learn more at kyndryl.com.

Microsoft Specializations

Azure

- AI Platform on Azure
- Microsoft Azure VMware Solution
- Infrastructure & DB Migration to Azure
- SAP on Microsoft Azure
- Accelerate Developer Productivity with Azure
- Microsoft Azure Virtual Desktop
- Analytics on Microsoft Azure

Business Applications

- Low Code Application Development
- Intelligent Automation

Modern Work

- Adoption and Change Management
- Calling for Microsoft Teams
- Meetings and Meeting Rooms for Teams
- Modernize Endpoints
- Custom Solutions for Microsoft Teams
- Teamwork Deployment

Security

- Cloud Security
- Threat Protection
- Identity & Access Management

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