Securing the Azure Cloud Workloads

Comprehensive security and compliance solution from Wipro to provide a layered and zero trust security for Azure workloads

Enterprises are significantly moving their infrastructure, application workloads and data to Azure and multicloud to leverage the speed, agility and the power of cloud. Protecting sensitive information and meeting the regulatory compliance standards such as PCI, HIPAA and GDPR are critical to run the business. To ensure the confidentiality, integrity, and availability factors, Microsoft provides a plethora of native security controls to shield the enterprise "crown jewels" through defense in depth strategy.

To provide integrated threat management and unified cloud security posture management for the workloads hosted on Azure and other cloud services, Wipro leverages Azure native security solutions, Wipro's proprietary tools, frameworks, accelerators and third-party solutions as applicable.
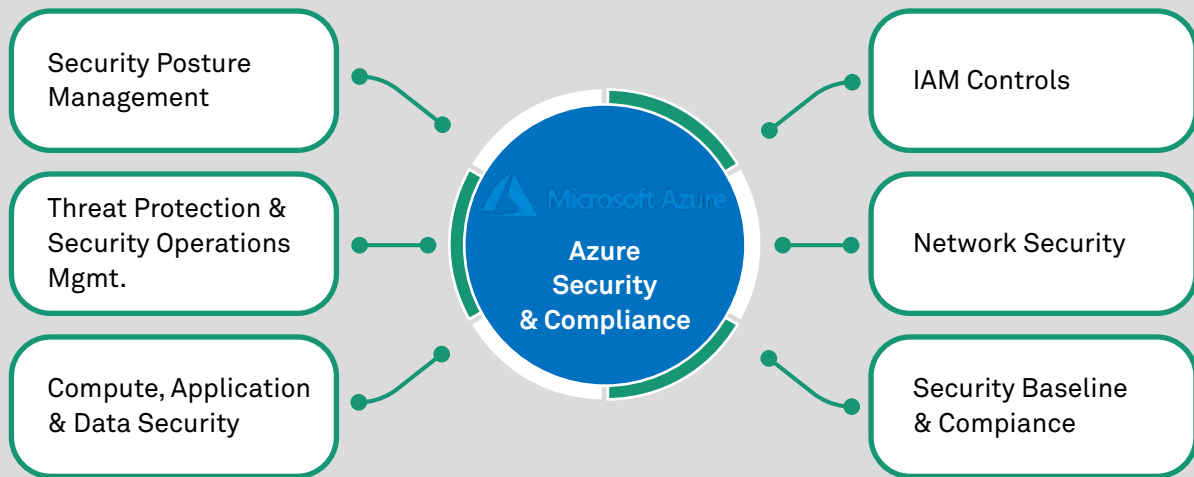

Figure 1: Azure cloud security and compliance controls

Wipro's offering

Wipro helps organizations to strategize, design and rapidly deploy comprehensive security and compliance controls for Azure landing zone and application workloads migrations to Azure. Wipro also provides managed services to ensure that Azure workloads are secure and compliant through efficient monitoring and remediation.

Our Azure cloud security and compliance solution offering covers the following:

- Develop security architecture for Azure landing zone and define compliance controls

- Implement Azure AD capabilities for seamless and secure access to Azure resources

- Implement security automation through blueprints, Azure policies and ARM templates

- Implement Network security controls leveraging NSG/ASG/VPN gateway/Azure firewalls and/or third-party solutions

- Implement web application, database and storage security controls

- Implement Azure workload protection using Azure Defenders for servers, SQL, Key Vault, Kubernetes, and Container Registry

- Set up Azure sentinel and configure the base line to ingest security alerts from Azure security center and Azure AD

- Set up compliance assessments such as PCI DSS, NIST or CIS through Azure Compliance Manager

- Optionally, implement CloudKnox solution for Azure privilege identity governance solution and Wipro's CARG (Continuous Application Risk and Governance) solution for application workloads compliance requirements
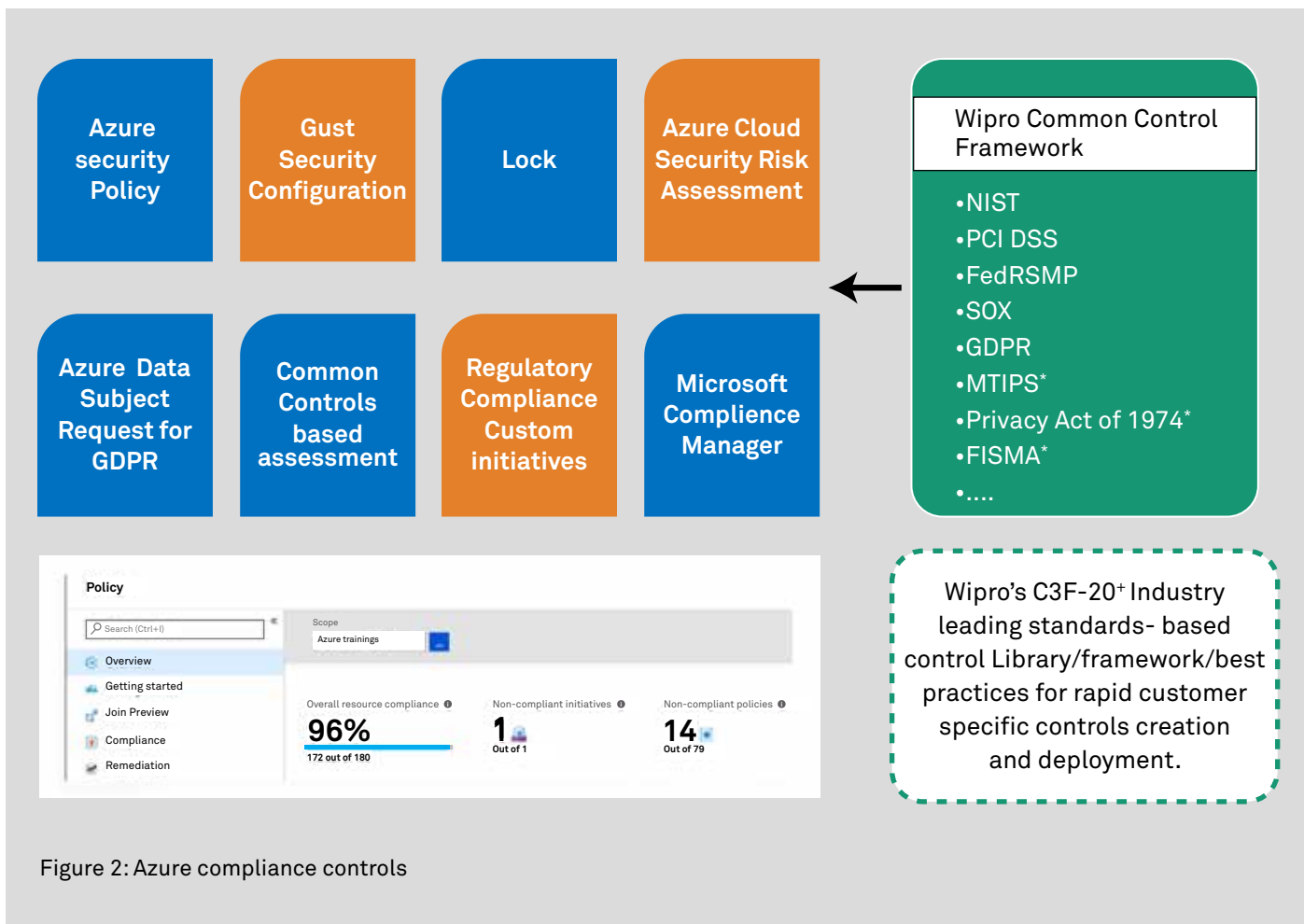
Figure 2: Azure compliance controls

Key benefits

- Gain greater visibility and control of Azure workloads threats

- Enable security at cloud speed through automations

- Ensure integrated threat protection from cyber attacks

- Meet all the regulatory and compliance requirements

- Enable seamless and rapid deployment of security and compliance controls leveraging Wipro's accelerators, frameworks and best practices

- Ensure 24x7 managed services support

- **Wipro's deep cybersecurity experience brings a holistic and agile approach to security and compliance solutions**

- **Wipro is a strategic global security partner for Microsoft with Gold Security Competency, Member of Microsoft Intelligent Security Association (MISA), Azure Expert MSP and offers advanced specialization in Microsoft Threat protection and Identity**

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strong commitment to sustainability and good corporate citizenship, we have over 220,000 dedicated employees serving clients across six continents. Together, we discover ideas and connect the dots to build a better and a bold new future.

For more information,
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