Assessing the security of your Azure environment

Security transformation is necessary to keep up with the pace of change in cloud platforms, the threat environment, and the evolution of security technologies. As cloud environments have a shared nature, they introduce various types of vulnerabilities and risks, which calls for an **Azure Security Assessment**.

The Azure Security Assessment is a comprehensive service that involves doing a complete and thorough review of all security configurations in Azure including Identity and Access Management, Role Based Access Control, Data Encryption standards, Asset Protection and Security Operational processes.

In addition to running tools to identify security vulnerabilities for deployed resources in Azure, the assessment also performs operational interviews with designated personnel to validate operational procedures and check compliance posture as per the compliance requirements.

The results are then analyzed, and an actionable remediation plan is created which has measurable impact on the overall security and governance of the Azure environment.

Benefits

- Gain expert insight as to your status and what you need to do to secure your Azure deployment
- Ensure your Azure environment and plans comply with Industry standards and regulations
- Achieve zero-trust Identity and Network for your Azure environment

Objectives

The objectives of the Azure Security Assessment are:

- Define alignment of Organizational security practices with Microsoft's Cloud Adoption framework under the following pillars:
    - Business Alignment
    - Access Control
    - Security Operations
    - Asset Protection
    - Security Governance
- Identify security vulnerabilities in the Azure infrastructure

- Identify non-zero trust Identity and Access management posture
- Alignment to compliance and/or industry regulations (eg PCI, Canada PBMM etc)
- Provide findings and actionable remediation plan

What we do

1. **Discovery and Data Collection** – Compugen conducts a technical assessment and audit of your Azure environment covering the following:
   - Entra ID configuration data
   - Azure Policy Compliance information
   - Azure Security and Secure score data
   - Azure resources data encryption standards
   - DLP policies and classification information
   - Azure networking security information
   - Azure VMs vulnerability posture data

2. **Assessment workshops** - through a series of comprehensive workshops we gain understanding of the operational and security processes of your Azure journey, including:
   - Cloud Adoption Security workshop to gain overall organizational alignment
   - Identity and Access Management workshop
   - Operational Security procedures workshop

3. **Security Assessment Report** - leveraging the insights from the previous two sections, Compugen delivers a security assessment report and a Roadmap with actionable remediation activities.

What you get

The deliverable from this Azure Security Assessment is a thorough report that includes:
- Executive Summary highlighting key findings and recommendations
- Detailed Assessment Report: an explanation authored by our cloud experts of their security risk findings of your Azure environment
- Recommendations for securing Azure environment from Compugen Azure experts

Why Compugen

As Canada's largest privately-owned and operated IT services provider, we help organizations realize new possibilities. To innovate industries, transform businesses, connect communities, and drive meaningful change, we must think bigger, reach broader, and act bolder. Through knowledge, curiosity, and collaboration, Compugen helps organizations deliver experience by design. This is what it means to be human-centered and technology-enabled. Get an ally in your technology journey.

Other Azure services you might be interested in:

Cloud Readiness Assessment	Assess your cloud readiness and adoption strategies across various tenets of Microsoft's Cloud Adoption Framework.
Cloud Readiness Adoption	A two-phased approach to cloud readiness assessment and Azure landing zone deployment which serves as the foundation for cloud adoption.
Azure Landing Zone Build	Build an enterprise-scale Azure landing zone to provide your cloud adoption teams with a well-managed environment to run their workloads.
Azure Workload Assess and Migrate	A two-phased approach to cloud migration by assessing workloads to evaluate cost, modernization, and deployment techniques followed by migration methodologies.
Azure Managed Services	The complete coverage service that fully enable your Azure environment usage, from expert coaching and support through all the necessary virtual infrastructure operations activities.