# Azure Optimization Assessment

The VIAcode Azure Optimization Assessment (AOA) provides in-depth details of the current state of any Azure infrastructure and provides prioritized, actionable recommendations to dramatically improve efficiency and effectiveness of an Azure operation saving you time/money and reducing risk.

## The Challenge

For most companies moving workload from on premise to Azure cloud is not the challenge. The hard part is how you manage and optimize the Azure workloads with limited resources and cloud experience/skills.

Often Azure workloads are under-managed, mismanaged, or not managed. This leads to higher risk, higher cost, and lower availability.

## Solution

Using data collected from your cloud operation and analyzed by VIAcode experts, the VIAcode's Azure Optimization Assessment delivers:

- A detailed report of the current state of your Azure environment across all dimensions

- A scoring for each dimension of Azure operations: cost, security, availability

- Prioritized actionable recommendations for improving your Azure environment

- Estimates of the value for implementing improvements

Our Assessment tool uses read only access to the Azure infrastructure to gather the information needed to produce the report that delivers a clear roadmap for achieving cost savings and improved security, and availability.

## What is Covered?

- **Security**: Best practices around data governance, end points protection, user accounts, access and patch management
  - Gaps in security monitoring
  - Permission over-granting
  - Defense in depth (DID) improvements

- **Cost**: Resource optimization recommendations for VM, Web Apps, SQL and storage that include:
  - Capacity analysis
  - Rightsizing & idle resources consolidation
  - Budgeting and charge back model

- **Health Monitoring**: Recommendations around additional data collection and alerting to improve monitoring and troubleshooting process
  - Monitoring gaps
  - Incident-management process
  - SLA/SLO

## Deliverables

- Project goals and scope review to include detailed process and timeline

- Detailed assessment report with prioritized/specific recommendations for improving current Azure operations

- Supporting documentation for recommendations

- Final presentation by VIAcode experts
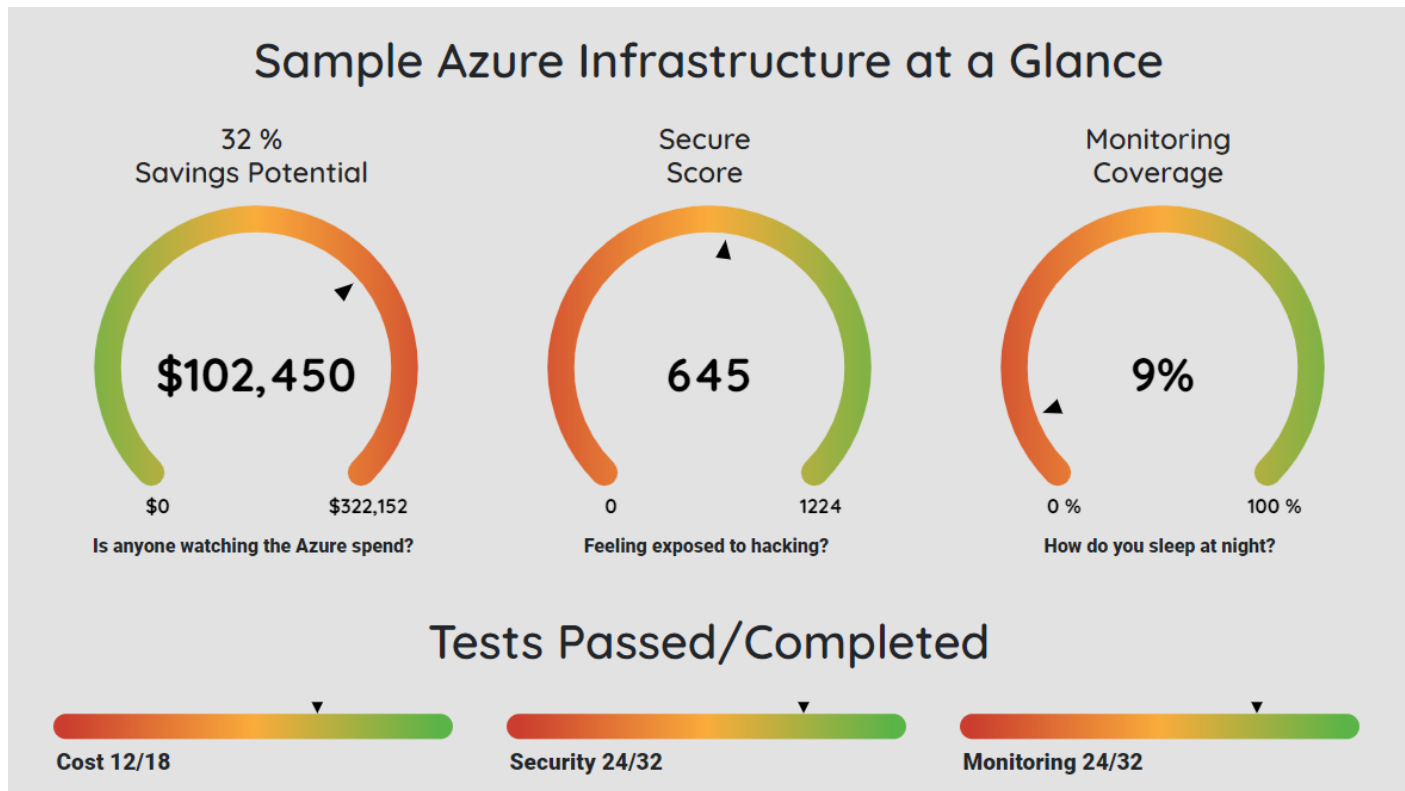
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**VIAcode's Azure Snapshot** – an Azure health check – is a good first step toward Azure optimization and provides a great way to get a preview of the potential value that can result from the Azure Optimization Assessment.

## How Does Azure Snapshot Work?

With read-only access to your Azure subscriptions, VIAcode's Snapshot uses Azure APIs to collect information about your Azure resources. The resulting dashboard displays potential that could result from optimizing of Azure. This 30-second, read-only, self-service health check will provide immediate indicators for:

- <u>Cost savings</u> potential that could reduce your Azure spend
- <u>Security risks</u> that may be lurking in your Azure operation
- <u>Monitoring coverage</u> (or lack of) for Azure resources



Sample Azure Infrastructure at a Glance

32 % Savings Potential — $102,450 — $0 / $322,152 — Is anyone watching the Azure spend?

Secure Score — 645 — 0 / 1224 — Feeling exposed to hacking?

Monitoring Coverage — 9% — 0 % / 100 % — How do you sleep at night?

Tests Passed/Completed

Cost 12/18     Security 24/32     Monitoring 24/32

## About VIAcode

Experts in Azure cloud including migration, optimization & management.

- **Work w/Microsoft & their product teams**: MS IT, Azure, SQL, SCOM
- **>15 years experience delivering Microsoft-branded monitoring solutions**: i.e., SQL, Azure, O365, .NET/Java
- **Developed/Maintain Microsoft's Azure Demo** platform used by Microsoft's Field

## Next Steps

**Try Snapshot:**
https://viacode.com/azure-snapshot/

**Contact VIAcode:**
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