The Modernization Engineering Company

SONATA SOFTWARE

Case Study

Policy of protection

Enhancing security and performance for a leading insurer with Sonata's managed cloud infrastructure solutions

Summary

Sonata Software partnered with a leading Indian multinational insurer to optimize their Azure-based infrastructure. The engagement focused on addressing latency issues, enhancing security and ensuring compliance with strict data regulations. As a result, the client achieved faster application performance, reduced operational costs and a higher security compliance score.

About the customer

Headquartered in Mumbai, this Indian multinational insurer provides personal, commercial and reinsurance solutions through a global network, serving policyholders across 100+ countries.

Pressure points

The customer was hosting their Infrastructure and Application in Azure Data Centres hosted outside of India. The customer’s current infrastructure included 46 VMs, with the majority being Linux and SQL VMs, as well as a few Windows VMs.

- Latency impacting application and website performance.
- Data security concerns due to the sensitivity of insurance data and stringent controls.

Solution highlights

Sonata has helped the customer reduce their latency, implemented and are monitoring the security services by deploying high level F5 WAF and checkpoint firewall.

Assessment

Sonata’s assessment started with reducing the cost for certain resources and implementing the security recommendations. We also analysed their current cloud infrastructure, following best-practices guidelines and identifying potential compliance gaps.

Proposed solution

- Installing AV on all the servers with alerts configured in cases of any suspicious activity
- Implementing strong password policies
- Connecting Azure VM’s only over trusted IPs when in corporate network & from home/Open internet strictly over P2S SSL VPN.
- Implemented the security recommendations in all the aspects which increased the secure score from 34% to 76%.

Results that speak volumes

- Improved user experience as latency was reduced
- Reduced cost by resizing the underutilized servers
- Achieved data security and compliance levels with nominal downtime