



HMB HELPS INSURANCE PROVIDER MIGRATE ON-PREMISES APPLICATIONS TO MICROSOFT AZURE

Cloud security and performance improvements now deploy apps at the speed business demands.

The Challenge:

The client was hosting more than 20 public-facing websites on their on-premises network. This network was shared with the entire organization and hosted the company's email and other internal apps.

DDoS attacks were frequently shutting down the public websites, and because the network was shared with the entire organization, the company's employees would be locked out of network resources until the attack was resolved. This meant both high server maintenance costs, and loss of productivity for the organization.

Additionally, the client's development team needed to deploy public websites faster. Their current infrastructure was becoming a bottleneck for the business. It could take server provisioning as long as several weeks to launch new websites.

The Solution:

HMB provisioned the client's applications and database services onto the Azure Cloud basing their migration on Microsoft's proven migration methodology, which was enhanced by HMB's years of cloud migration experience.

HMB took advantage of Azure's native platform tools to improve overall security and performance. Features utilized include: WAF on Azure Application Gateway, Azure App Services, DDoS Protection, and MYSQL as a Service in Azure.

HMB utilized Terraform with Azure to make deploying new websites instantaneous. This empowered the client's web developers to spin up new instances as they needed it by putting the right tools in their hands.

The Results:

By leveraging HMB's cloud transformation expertise and Microsoft Azure, the client:

- The overhead on infrastructure management has been greatly reduced - nearly eliminated. General server and database maintenance support was also eliminated
- Web developers no longer need to rely on the infrastructure team to get server and networking pieces done. Now, developers are empowered to deploy websites instantaneously using Terraform
- Websites went from being unreliable, to an uptime of 99.99%