

Incredibuild

IncrediBuild is a suite of grid computing software developed designed to help accelerate computationally-intensive tasks by distributing them over the network, with notable applications including compiling source code, building software generally, and other software development-related tasks. Jobs can be distributed to several computers over a network, giving both the possibility of accelerating the work by using more resources than were available on the initiating computer alone, and potentially freeing local resources for other tasks.

Incredibuild's IT and Operations team needed assistance in managing their Azure environments as an ongoing service.

To do so they had a few options to choose from – mainly between hiring and training their own personnel or purchasing Azure expert consulting & hands on service from a provider.

The cost effective solution with the limited timeline they faced made the management take a favor with the second of the options.

Neway Azure Experts perform an assessment and mapped the required services for Incredibuild.

NeWay's Azure Team took over the current environment that included these services:

- ▶ Microsoft.Compute/disks
- ▶ Microsoft.Compute/virtualMachines
- ▶ Microsoft.Compute/virtualMachines/extensions
- ▶ Microsoft.Network/networkInterfaces
- ▶ Microsoft.Network/networkSecurityGroups
- ▶ Microsoft.Network/publicIPAddresses
- ▶ Microsoft.Network/virtualNetworks
- ▶ Microsoft.DevTestLab/schedules
- ▶ Microsoft.Storage/storageAccounts
- ▶ Microsoft.Network/networkWatchers
- ▶ Microsoft.Automation/automationAccounts
- ▶ Microsoft.Automation/automationAccounts/runbooks
- ▶ Microsoft.Compute/images
- ▶ Microsoft.Migrate/migrateprojects
- ▶ Microsoft.Compute/snapshots
- ▶ Microsoft.OperationalInsights/workspaces
- ▶ Microsoft.OperationsManagement/solutions
- ▶ microsoft.cdn/profiles
- ▶ microsoft.cdn/profiles/endpoints

- ▶ microsoft.visualstudio/account

The service included our extended support approach with monitoring & proactive services for

- ▶ 24/7 support
- ▶ NOC As a Service
- ▶ SOC As a Service
- ▶ Backup services
- ▶ DR
- ▶ Devops as a service
- ▶ DBA as a service

Neway offers NOC monitoring and reporting solutions focus on managing the 24x7 requirements for uptime and performance of Azure based data and infrastructure. Neway provides the NOC monitoring, incident management and reporting capabilities that enable our customers to achieve:

- ▶ Enhanced user experience by reducing downtime.
- ▶ Rapid resolution to incidents occurring around the clock
- ▶ Meeting SLAs towards users and business partners

Neway's 24x7 NOC monitoring and reporting services are the integration of significant operational experience, experienced system engineers, advanced monitoring technology and real-time reporting capabilities that enable our customers to enjoy the benefit of advanced NOC services without the operational and financial burden of establishing their own NOC.

Our NOC is staffed 24x7, with overlap between shifts to allow for proper hand-off of open issues. The team is led by a senior engineer who has years of experience in serving demanding production environments.

Once the service was up & running and the customer was confident with the solution, additional requests came to our door.

The customer requested High level Azure expertise for migrating Web applications from AWS to Azure web services. The solution was based on:

- Azure App services for containers
- WordPress clusters
- Azure database for MySQL

The solution included Azure Front Door endpoint to enable access to Web applications via load balancers in more than one region, and to protect the Web applications endpoints with a WAF service and security policies.

As the entire environment was set up on a CSP account that is managed by NeWay, including the ongoing proactive & reactive services that were an integrated part of the offer.

The project was divided into three main pillars:

- ▶ Discovery & Assessment
- ▶ Workplan & Implementation
- ▶ Maintenance & Support

For each pillar a deep dive was done to meet the customer's the requirements.

The project was preformed during the Q2 of 2020 and is currently in steady state.

During the maintenance stage Neway is committed to verify the system is working and performing as expected