Customer Case Study

AppliedCloud

An International non-profit leader in innovative international education.

An International non-profit headquartered in Washington DC had to close a Manhattan datacenter due to construction within a few weeks. ACS assessed the customer environment with standardized tooling to map out resource utilization and dependencies. Phase 1 was to deploy a hub and spoke environment with VPN connectivity to all 6 sites in the continental US and deployment of core services including all DNS and AD infrastructure. FISMO roles were moved to the Azure DC re hosting all Windows shared Infrastructure from the main datacenter to Azure.

Additional workloads were moved to support internal IT operations and the Manhattan datacenter was decommissioned.

Phase 2 was moving business operations into Azure from a colo in Rackspace. ACS collapsed the full BI and ERP environment from Rackspace into Azure via SQL MI, SQL IaaS and moving over all the Windows based development workloads. Preparation for this involved additional scanning with Movere to map out workload compatibility with Azure as well as dependencies which allowed for the translation to a new environment with minimal downtime. Replication was pre staged and then cut over by a combined DBA and server team, backups were kicked off and production started immediately after cutover.

Datacenter Collapse and full IaaS Migration.

Support onboarding with no disruption to Client operations and management paradigm.

PaaS based migration with minimal downtime and collapsing COLO environment for cost avoidance.

Continued scale and Azure integration beyond the scope of the original projects with ongoing support.

Customer Case Study

AppliedCloud

A pre-eminent academic health system based in Winston-Salem, NC.

Academic Medical Center in Winston-Salem North Carolina needed to establish a research estate in Azure leveraging Windows based workloads as well as migrate copies of critical infrastructure to ensure business continuity.

The challenge faced on premises was scale and the need to meet researcher needs with Data Science VMs and access into a secure research environment. To accomplish whit ACS built out a HITRUST compliant Cloud Adoption Framework with a hub environment controlled by Central IT with spokes for individual compliant workloads in a Management Group taxonomy that included regions for specific compliance standards.

ADFS was the first workload migrated to the Azure core for business continuity purposes and local authentication in Azure. Next was an Infoblox DNS integration to allow for continuity between on premises DNS and Azure. Once these were both in place, along with Palo Alto firewall at the edge we begun to move workloads into the environment.

There were several IIS server asks which were completed immediately with an eye for moving to PaaS services long term. There was also an Oracle based data environment which was built into Azure to be transformed and re-platformed into SQL front ended by Synapse which was completed with Windows based VMs for IR nodes and DSVMs for access and data manipulation.

Finally, we are in the process of finishing up a Windows OS based fully automated self service via Service Now for continuous Windows deployment into Azure.

Best practices Cloud Adoption Framework with HITRUST compliant spokes for secure workloads.

Re hosting of Windows based Directory infrastructure and AD FS to Azure for business continuity.

Deployment of a SQL based secure Data Services environment hosting SQL and Windows VMs.

Self Service Windows VM deployment being completed.