

Virtualization Design & Implementation



A virtual data center is a showstopper for an entertainment agency.

When an entertainment agency on the east coast decided to transition from a physical to a virtualized data center, they reached out to Zones. We worked in collaboration with VMware to assess and deploy a new virtual environment well ahead of their required time frame.



Relocate the remote data center location into a virtualized environment within a short time span.



For virtualization, VMware vSphere Optimization Assessment and Hybrid Cloud Assessments are used to manage with the technology.



Experiencing reduced downtime and eliminate the closing locations without any issues.



Challenge

- Client was going to lose access to their remote data center.
- Client was not interested in a new physical location for their data.
- Aggressive timeline for solution creation.



Solution

- VMware Products:
 - VMware Cloud on AWS
 - vSphere Optimization Assessment
 - Hybrid Cloud Assessment
- Zones Infrastructure Services:
 - Evaluation of existing systems
 - Product selection
 - Deployment of VMware solutions



Results

- Reduced downtime
- Consolidated physical data centers
- Unaffected by closure of one physical data location

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The Challenge

When a leading entertainment, culture, and lifestyle agency headquartered in Cambridge, MA needed to relocate a remote data center location, they decided to transition into a virtualized environment instead of looking for a new physical center. The client contacted Zones in March and had to be out of their physical location by September 30th, so there was a short time frame to find and implement a solution.

The Solution

The client came to Zones with the idea of investing in a virtualized environment for their data. With assistance from Zones, the client evaluated virtual storage solutions including IBM Cloud and Microsoft Azure, and eventually decided on VMware Cloud due to interest in Amazon Web Services (AWS) for their data center needs.

Zones Infrastructure,® the Services Company of Zones, utilized VMware assessments to evaluate the client's new virtualized environment. We made use of VMware vSphere Optimization Assessment and Hybrid Cloud Assessment to determine performance and capacity as well as identify gaps that needed to be addressed with the new technology. Cost analysis by both BU and workload were also performed to see how revenue was affected with the switch to the new environment.

The results of the assessment were presented back to the client by technicians from both Zones and VMware. The client was impressed with the results, and happy to have validation for their new data solution.

The Results

With the successful deployment of the virtualized server environment, the client is experiencing considerably reduced downtime that an additional physical location would not have allowed. The client was able to consolidate their remaining physical data centers under the virtual solution, which included being able to eliminate the closing location without any problems.

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