



**Integrated on-premise directories with Azure AD.**

CloudFronts helped Hong Lam Marine deploy a disaster recovery solution to protect itself against any downtime occurring due to disasters.

**About Hong Lam Marine:**

Hong Lam Marine (HLM), incorporated in Singapore in 1981, is one of the most established and leading bunker craft operators in Singapore. According to the Maritime Port Authority of Singapore, Singapore is the number one bunkering port in the world since 1988 (in terms of volume of bunker fuel sold). You can read more about Hong Lam Marine at [www.honglam.com.sg](http://www.honglam.com.sg).

**Business Requirement:**

HLM was looking out for a Disaster recovery solution as their existing backup solution was unable to achieve the RPO (Recovery Point Objective) and RTO (Recovery Time Objective).

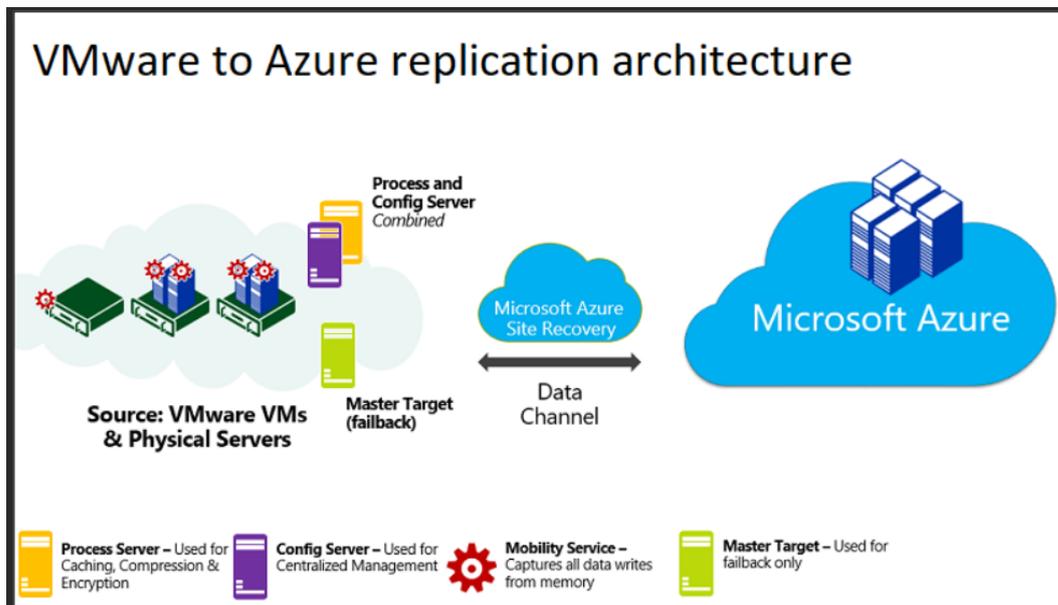
HLM wanted a solution that would:

1. Secure HLM workload with minimum downtime in the event of a disaster.
2. Protect all physical, virtual, hybrid, and cloud-based workloads with one disaster recovery solution.
3. Single Sign-on (SSO) experience for all their application.

**Solution Delivered:**

CloudFronts implemented Azure Site Recovery (ASR), as a part of BCDR (Business Continuity and Disaster Recovery) strategy, for reducing application downtime during IT interruptions to enhance compliance. In this, the team replicated workloads running on physical and virtual machines (VMs) from a primary site to a secondary location. In case, if an outage occurs at the primary site, you switch over to secondary location safely and access apps from there. Once the primary location is restored, HLM can resume using it again.

*“The capability of the BCDR solution is such that even if outage occurs and there is a downtime, you can quickly switch over to secondary location without any hassle and access applications from there.”*



### Key Technologies:

- Azure Site Recovery
- Azure AD Connect

Prior to project implementation, HLM was managing standalone Azure AD for authenticating Office 365 Mail. This approach meant that administrators had to manage multiple identity providers (AD and On-prem AD) and users had the challenge of remembering multiple User id and password to access resources. To address this challenge, the team integrated on-premise directories with Azure AD, thus making users more productive by providing a common identity to access both cloud and on-premise resources.

### Key Benefits:

Users and organizations can take advantage of the following:

1. They can use a single identity to access on-premise applications and cloud services such as Office 365.
2. Single sign-on experience for all their cloud-based application.

### Post Go Live:

HLM went live with the project on October 1, 2018. Post Go-Live, HLM has fully secured their infrastructure and successfully protected any unplanned downtime. They now have one single Disaster Recovery solution in place along with secured services and applications, ensuring simple, cost-effective and constant availability.

With this, HLM has adopted a long-term business continuity and disaster recovery strategy to safeguard their data and keep their applications and workloads running in an event of any abrupt outages.

### Connect with us!

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