

A Case Study on VMware Implementation for A Reputed Media and Entertainment Firm



The VMware team from Taashee Linux Services provides advanced VMware services such as Installation and Configuration of VMware products besides Implementation and Support to VMware services. Taashee's VMware engineers are well-versed with all the services and products of VMware such as ESXi, vSphere, vSAN, and more

Introduction:

Our client is one of the reputed names in the Media and Entertainment industry. Incorporated in 2006 with Hyderabad as its headquarters, the firm focuses actively upon the release of weekly and monthly magazines besides daily newspaper related to the print media. It owns a popular media group, which runs a newspaper and television channel as well.

Currently, it is on a wide expansion mode with the newspaper published simultaneously from other Metropolitan cities such as Hyderabad, Mumbai, Chennai, and Bengaluru.



CHALLENGES

Phase 1 :-ESXi Installation and Configuration

Challenge 1:

The client was looking for role-based access to the server in order to obtain enhanced security. Also, the need for full administrative privileges to be given to each user in the network was increasingly felt because of the increased dependency upon the shared root account.

Solution:

Taashee team of VMware consultants prompted the client for ESXi installation with custom configuration as per their internal management network. Our team of VMware engineers sprung into action by installing and configuring ESXi 6.0 in their three servers. For local troubleshooting requirements, we have enabled ESXi Shell by making use of vSphere Client.

Phase 2 :-vCenter Installation and Configuration

Challenge 2:

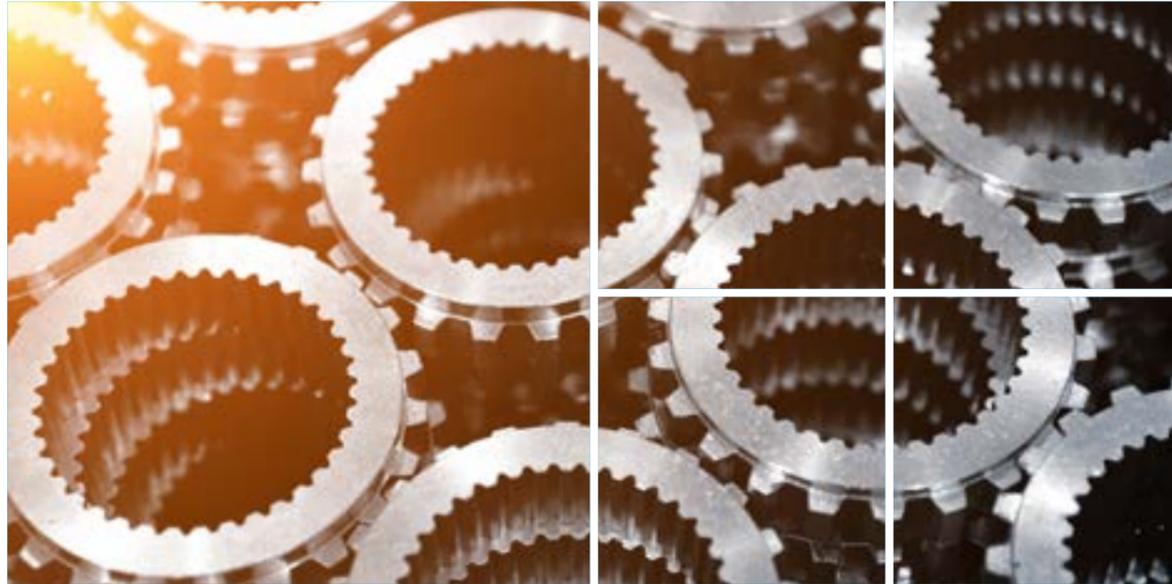
The client was in need of a centralized virtualization platform that not only helps to automate the existing virtual infrastructure but also delivers the desired results effectively. Multiple VMware vSphere environments exist at the client location, which need to be managed from a single console in a proactive manner to improve security and scalability.

Solution:

VMware engineers at Taashee Linux Services coordinated well with the client's IT team to suggest the best resolution. By installing vCenter and configuring on Windows Server 2008, our engineers were able to offer multiple benefits such as Faster Deployment, Centralized Administration, Resource Optimization, and more.

PHASE 3 & 4

CONFIGURE HIGH AVAILABILITY & CONFIGURE vSAN



Challenge 3: Frequent downtimes was affecting the client's business to a major extent. Also, the need for a secure file transfer system too was increasingly felt owing to the inconsistency. It has resulted in increased costs and unnecessary lags in transactions. The client was looking for an effective means which could address all the issues as once.

Solution : Taashee Linux Services, with its team of VMware engineers, was able to address all the above issues effortlessly. It became possible because of the storage-specific feature of vMotion storage into all the VMs from one sandbox to another. Also, our engineers configured DRS (Distributed Resource Scheduler) to achieve Load Balancing as desired. The reliability factor is achieved as we have verified configurations and tested failovers before confirming about the same to the client.

Challenge 4: Minimal overheads is something what the client was looking forward to. Also, the need for an advanced architecture that allows storage as well as computing in the same physical host too was increasingly felt. Additionally, the client required a means to test the network performance besides generate reports to review and analyze the results obtained.

Solution : With the configuration of vSAN, VMware engineers at Taashee were able to conceptualize a Storage Policy-based Management Framework for increased performance and high availability. We have created policy designs after verifying vSAN Network on all hosts and conducted performance testing. The configuration of vROPS (vRealize OPerationS) enabled us in furnishing our client with the Report Generation feature.

OUR UNIQUE FEATURES

Taashee Linux Services maintains a strong team of developers and engineers who are capable of resolving client issues by providing the best resolutions reflecting the latest industry technologies.

At Taashee Linux Services, we understand the requirements of our clients and always strive to meet their expectations in the best of our capacities. Given below are some of the features that differentiates us from our competitors.



Global implementation practices laced with robust technologies and industry-accepted standards.



Innovative client trusted methodologies reflecting the need of the hour with clear focus upon future requirements.



Strategic partnerships with industry leading open source technology service providers.



Instant resolutions provided to the client issues aimed at enhancing productivity and improving efficiency.

Learn More

Taashee Linux Services plays a proactive role in assisting clients with the analysis of their current requirements. Our dedicated Sales Team is capable of supporting you in undergoing the Digital Transformation that is quintessential for your growth.

Taashee Linux Services is a technology and software services firm located in India with its Head Office set up in Hyderabad and overseas location in Singapore. The 10 million USD firm serves a wide range of customers by focusing upon multiple technologies and has formed strategic partnerships with Red Hat, JBoss, Liferay, Alfresco, VMware, EnterpriseDB, Qlik, Amazon, Ubuntu, Nagios, Veeam, and Crafter.





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