

Persistent VDI Deployment Case Study

Case Brief

Persistent Systems Ltd had procured VMware Horizon licenses from Vintech for a specific project and were looking for a deployment partner. After understanding the requirement from concerned team we submitted our bid along with the detailed SOW. PSL liked the proposal and granted us the project, the only condition being it had to be completed within a 15 days period with all conditions fulfilled.

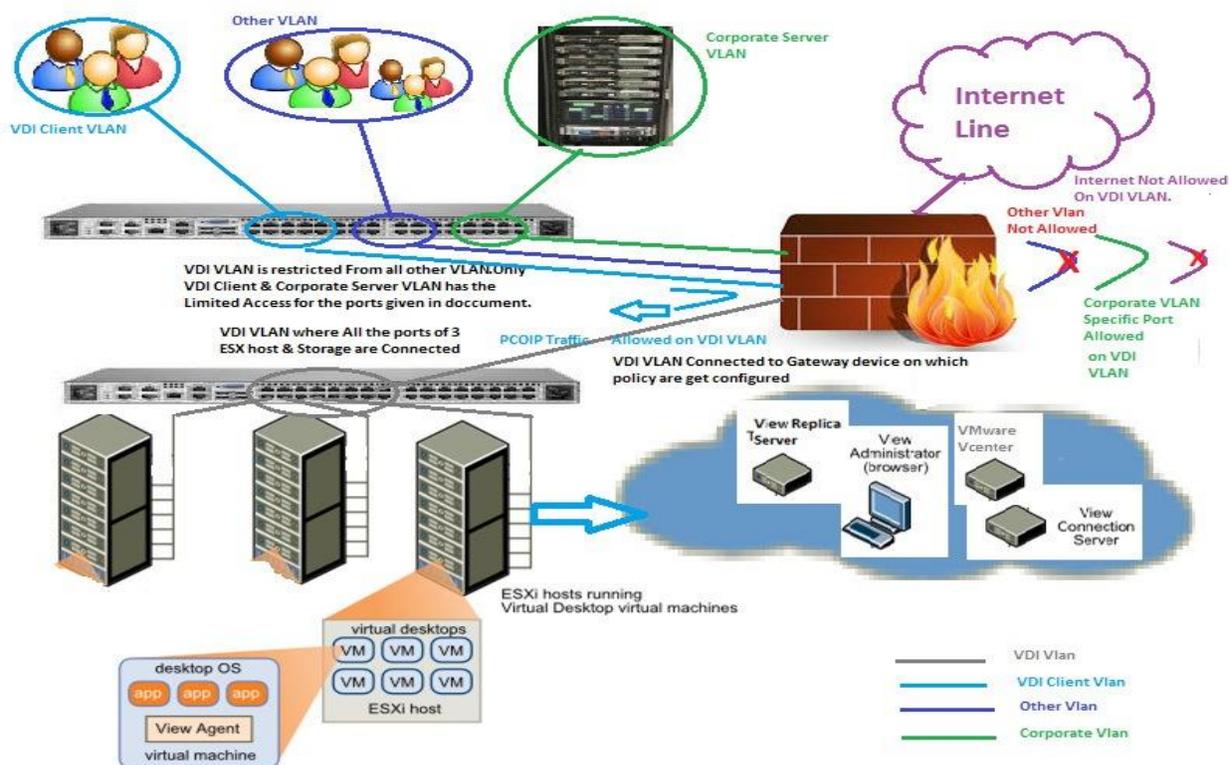
Vintech started the deployment on 14th July 2014 and completed all the conditions by 25th July, 2014. After rigorous testing by PSL, project sign off was done on 11th August. The total successful deployment was done in 12 days and PSL team was completely satisfied. This setup has been running satisfactorily for last 6 months without any issue.

Understanding of Customer Requirements

- PSL Wanted to build a separate & secure setup of Virtual Desktop Infra which is isolated from existing Persistent Infra.
- Client should be able to access the Virtual secure desktop through Persistent physical desktop through view client only (i.e. PCOIP connection only No RDP & Other access)
- User should not be able to copy the data from Physical machine to Virtual Machine & vice versa.
- User can perform all the development activity on his dedicated virtual desktop & keep the data on his virtual machine or centralized Storage location.
- Centralized storage location should be accessed from Virtual infra only not from physical Desktop.
- Virtual Infra can be accessible from LAN & WAN both.
- Application or Desktop should be able to publish with workspace.
- Package Application deployment to be done with ThinApp.
- Setup should be configured with High Availability.
- View Replica Server should be in place with View connection server for redundancy.

Proposed Solution

- Vintech proposed the setup as shown in figure.
- VDI infra is totally isolated from Persistent physical desktop network
- Only allowed traffic would be flow within both environment as per policy configure on Persistent Gateway device.
- It was proposed to publish the connection server port outside with the help of firewall so outside user can Access the setup.
- View client to be configured with limited access so data transfer from physical to virtual Environment & vice versa would not be possible
- VDI environment to be setup with dedicated desktop pool.
- VDI environment to be managed centrally with vCenter & Mirage.
- High Availability considered in the entire setup.
- View Replica Server would be a fallback to View Connection Server.
- Application or Desktop should be able to publish with workspace.
- Package Application deployment with ThinApp.



Implementation

Based on the discussion between Persistent technical team and Vintech project team, a detailed scope of work with pre requisites, step wise process with timeline was shared. Once Persistent approved the SOW and fulfilled the pre requisites, actual project started on 14th July, 2014. The time line was closely monitored and report on every step executed, was shared with Persistent team. All the steps were completed and the setup was made operational on 25th July, ahead of given schedule. The setup was rigorously tested by Persistent team and no problems were observed.

After complete satisfaction of the Persistent team, the project sign off took place on 11th August, 2014. It has been operational successfully for last six months with not a single failure.