

SAP Enhancement (Operating System Migration) for Realty and Engineering Company

Introduction

Client is one of the leading real estate development groups in India. The focus has been on the development of premium residential, commercial, retail, integrated townships, lifestyle gated communities and redevelopment projects primarily in the Mumbai Metropolitan Region (MMR) & Pune. The group is also undertaking projects in other key cities such as Hyderabad, Surat, Nagpur, Jaipur & Udaipur. Their interests lies in real estate development, property and project management, engineering, procurement and construction (EPC) contracting for power transmission and infrastructure projects including road projects, warehousing and logistics.

Client is running on SAP since 2008 with SAP ECC 6.0 and BI 7.0. They are completely dependent on SAP for all there business cycle related to Finance transaction, Material Management and Production Planning.

Business Scenario

Before the Migration, Client were using AIX 5.3.1 as OS and hardware architecture for there complete SAP landscape like ECC, BI, DMS and Solution Manager with database as oracle 10.2.0.2., Where as hardware part was under maintenance with IBM India. They where facing lot of challenges for managing the AIX as an OS, due to lack of skill set, so the were completely dependent on IBM for the same.

Due to heavy maintenance cost and lack of IBM support, They decided to move there complete SAP landscape from IBM to Cisco Virtualization scenario, where OS will change from AIX to Windows 2008 to make it more user friendly.

Client had approached AG Technologies for SAP Enhancement – Operating System Migration from AIX 5.3 to Windows server 2008.

Business Challenges

The Hardware maintenance cost was very high. Migrating SAP landscape in virtualization environment With Microsoft clustering scenario with Database- Oracle 11G upgrade on Windows 2008.



Project Summary

Industry

Realty and Engineering

Client Profile

Client, an enterprise of global renown, the real estate company and is one of the leading real estate development groups in India. The focus has been on the development of premium residential, commercial, retail, integrated townships, lifestyle gated communities and redevelopment projects primarily in the Mumbai Metropolitan Region (MMR) & Pune.

Solution

Client was using AIX 5.3.1 as OS and hardware part with IBM. Managing AIX was big challenge, so OS was migrated to Windows 2008 for ECC, BI, DMS and Solution Manager Landscape.

Solution Benefit

- Less Maintenance Cost
- Improved Performance of SAP System..
- SAP Landscape moved to virtualization to efficiently utilize resources and hardware cost.

The Solution

- ❖ OS Migration of complete ECC, BI, DMS and Solution Manager Landscape.
- ❖ Servers from AIX 5.3.1 to Windows 2008 server 64 bit (x64) on VMware Virtualization
- ❖ OS Migration of SAP Production environment from AIX 5.3.1 to Windows 2008 (x64) Microsoft Clustering as high availability.
- ❖ Oracle Upgrade from 10G to 11G for ECC, BI and Solution Manager.
- ❖ Solution Manager Upgrade to EHP1 with features of MOPZ & EWA
- ❖ Migrate DMS from AIX 5.3.1 to Windows 2008.
- ❖ Setup of DR on oracle dataguard technology of 11G for ECC and BI production environment.

Technology

- SAP - ECC 6.0, BI 7.0, DMS 6.40 and Solman 7.0 EHP1
- OS - Windows server 2008
- DB - Oracle 11 G

Benefit

- ❖ Maintenance costs have been reduced to great extent.
- ❖ Drastic increase in SAP Performances as compare to earlier Landscape.
- ❖ SAP Production environment have been moved to high availability scenario of MSCS technology.
- ❖ Disaster Recovery for Production Server environment have been setup, so incase of any disaster or failure the downtime and data loss will be very low.
- ❖ SAP Landscape moved to virtualization to make more utilization of resource and to reduce the hardware cost.