



SAP R/3, ECC6.0 Migration to Cloud Project



Introduction

Client has provided publishing services to the education market in India for more than 120 years. The publisher's primary business involves commissioning, editing and printing and distributing textbooks and course materials to education providers from primary school to tertiary institutions. The company also offers curriculum - based instructional modules, video clips and animations. The client is part of the privately owned Holtzbrinck Group, has more than 500 employees and is headquartered in Gurgaon in northern India.

Business Scenario

In 2011, Client installed a new senior management team, changed its business strategy and restructured operations in India as a single market instead of four separate geographic regions. The reorganization prompted client to update its SAP Business Suite enterprise resource planning solution, which the company uses to manage the sale and distribution of textbooks across India.

The main objective is to curtail the Breakdown cost by minimizing the frequency of breakdowns.

Broad Scope of Work

- ◆ SAP ECC 6.0 Landscape Migration to AWS
- ◆ SAP BI 7.0 Landscape Migration to AWS
- ◆ Solution Manager 7.0 Migration to AWS
- ◆ SAP ECC 6.0 to ECC 6.0 EHP7 Technical Upgrade

Business Challenges

The infrastructure in the on-premises data center in Chennai had several problems that affected system availability:

- ◆ The servers were five years old, nearing end of life, and breaking down frequently
- ◆ Storage and networking equipment had reached capacity, compromising application performance
- ◆ The virtual private network experienced regular outages, limiting remote access to its SAP solution
- ◆ Utility shortfalls meant that electricity was only available for nine hour a day during peak periods in summer
- ◆ Construction work on roads and buildings frequently damaged the leased line that connected the data center with client's other offices, causing system outages & affecting productivity

The Solution

The Client secures its SAP applications by provisioning an Amazon Virtual Private Cloud (Amazon VPC) private subnet to run both Business Suite and BI instances. Clients, typically client employees, can use site-to-site IPsec to access SAP using private IP addresses. Conditional public access through FTP and SMTP, (generally available to contractors such as external IT support staff), is provided over an Amazon VPC NAT instance in a public subnet. Figure 1 demonstrates the SAP solution on AWS.

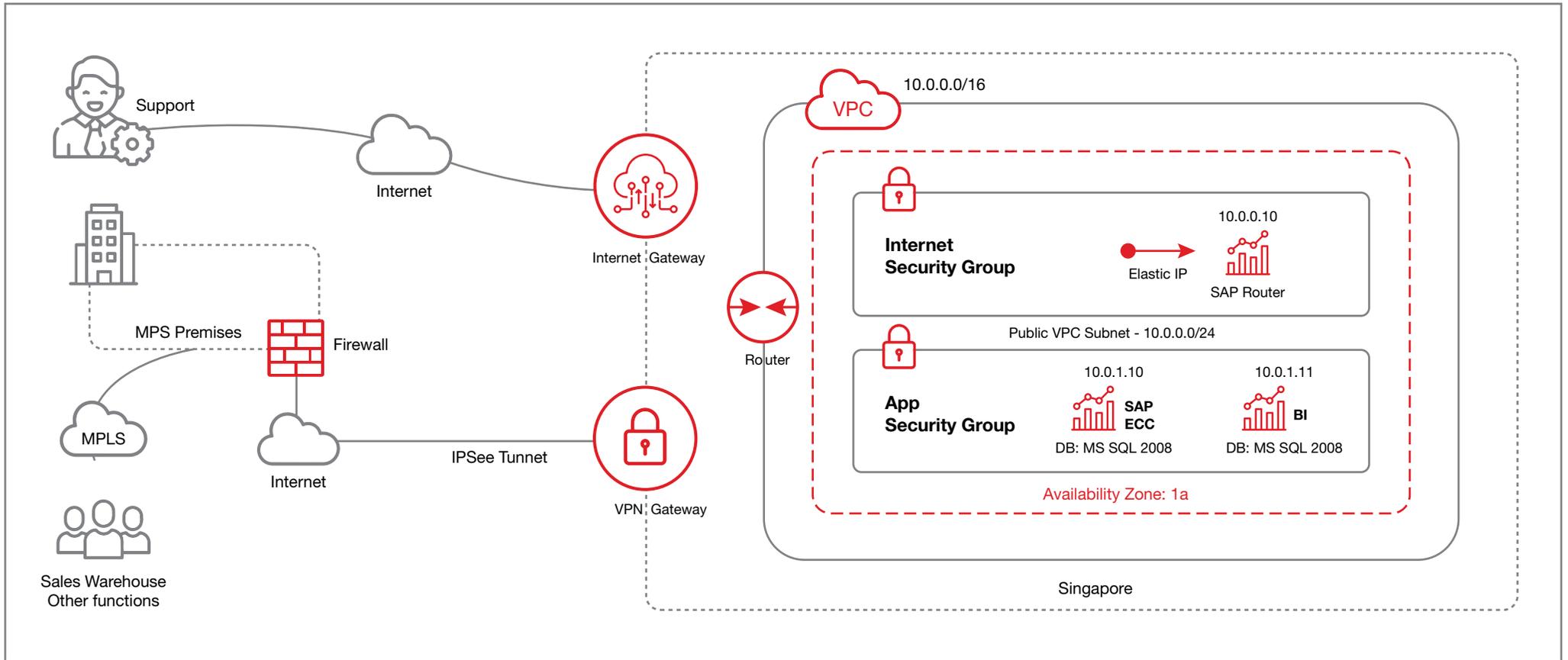


Figure 1: Macmillan India Architect on AWS

Technology

SAP Solution : SAP ERP 6.0 EHP 7

Operating System : Windows 2008 R2 DCE x64, 32GB RAM, Intel Xeon CPU 4 Core

Database : Microsoft SQL 2008 R2 64 bit

Critical Success Factor

- ◆ Timeliness and meeting deadlines is an essential element of our business
- ◆ Availability for SAP applications has improved from 90 percent to almost 100 percent since moved to AWS

The Solution Benefit

- ◆ Robust security and data protection controls to protect its environment
- ◆ Capital expenditure lowered by nearly 100 percent
- ◆ Client can automate its backups and meet recovery time objectives
- ◆ For users, connecting remotely to SAP applications using the virtual private network is fast and reliable



For more information, contact
sales@ag-technologies.com

