



About SEBL

Southeast Bank Limited was established in 1995 with a dream and a vision to become a pioneer banking institution of the country and contribute significantly to the growth of the national economy.

The Bank was established by leading business personalities and eminent industrialists of the country with stakes in various segments of the national economy. Southeast Bank is run by a team of efficient professionals. They create and generate an environment of trust and discipline that encourages and motivates everyone in the Bank to work together for achieving the objectives of the Bank. The culture of maintaining congenial work - environment in the Bank has further enabled the staff to benchmark themselves better against management expectations. A commitment to quality and excellence in service is the hallmark of their identity. Southeast Bank takes pride for bringing women into the banking profession in a significant number for gender equality. At present, 32% of SEBL's employees are women that will rise to 45% over the next five years.

IT Requirements

They have a heterogeneous network consisting of mixture of Windows, Apple clients and various Smart Phones and 200 more branches. End users require always on anywhere access to their email, remote access to the network data, Mail data, 24/7/265 mail services with high availability. Users also require around the clock access to this data. The IT requirements are:

- Email access with web, outlook, mobile etc.
- Database server, Group Mail, Distribution groups, transport rules
- Central management for users and computer
- Role based policy management
- USB restriction, Wallpaper, Desktop, drive, roaming profile policy
- Users able to work from any computer
- Reduce Bandwidth cost
- Backup solution and restore
- Windows XP Professional and Windows 7 clients
- Centrally download updates and push all machine from central server

Challenges:

- Prevent lost any data
- Secure network and system

- Managing all DC and DR servers, and all users computer
- The servers were expensive to manage and server downtime (failures, maintenance etc.) was affecting the business.
- Similar/ reliable infrastructure
- A more cost effective solution
- Less downtime, site recovery when failed one site
- Central management users rules and accessibility for head office, principal branch and all branch offices
- Central Authentication and authorization from central server
- Common mail server for all users
- Mail server redundancy for application and database both

Solutions:

- Active Directory Domain Services (AD DS) for user authentication and authorization.
- Active Directory Federation Services (AD FS)
- Active Directory Certificate Services (AD CS) for certificate services
- Domain Naming Service (DNS) for name to IP and IP to Name conversation
- SQL server for Data Base management
- Exchange server with Database Availability Group (DAG) for Data base cluster.
- System Center Configuration Management (SCCM) for auto Operating systems deploy, Manual/automatic patch deploy, customized package deploy
- Office Lync for IM, Audio, Video, conference
- Group Policy management for group/OU/ users based policy deploy
- Windows Server Update Service (WSUS) for patch download and push to user's computers and servers.
- Storage Area Network (SAN) for storage operation for data store.
- DC and DR with replication
- Highly Available Clustered scenario using iSCSI storage.
- Failover Cluster on three Mail box role server
- Network Load Balancing on three Mail Application servers
- Separate Authentication and mail access for internal and external users

Benefits to South East Bank Limited:

• Cost Reduced

- Less electricity is used to power the servers savings costs
- Less electricity is required to cool the servers saving costs
- Core Parking in Server 2008 R2 saves energy by shutting down the cores which are not being used saving costs
- Certain jobs are now scriptable thanks to Power Shell and may be run at off peak times
- 99.99% Uptime
- Services may be moved from one site to another site preventing downtime
- Easy to manage computer and Users centrally
- Can update push manually or automatically
- Bandwidth cost reduce

