



## Objective

This project involved Setting up Data Center in India for Synaptic platform.

## Scope

- Review existing DC setup in Belgium and suggest improvements for India DC.
- Setup DNS , VPN, NFS, Storage, NGNIX proxy, proxy SQL, open VPN , Squid, Rabbit MQ, ProFTPd.
- Network design & recommendation
- Automation of VMware operations, Ansible automation for DNS , VPN, NFS, Storage, NGNIX proxy, proxy SQL, open VPN , Squid & RabbitMQ.
- SMTP relay using after queue mail processing
- VMware replication POC
- Document manual steps workflow
- ProFTPd latest version complied with custom Synaptiq module

## Challenges

- No documentation of existing setup
- Tools standardization
- Learning curve for Synaptiq workflow
- Works with 3 different vendors to implement solutions.

## Benefits

- Automation documentation.
- Streamline key processes.
- Setup DC in record time.

## Key features

- East to replicate for any other DC setup.
- Total visibility & control.
- Custom dashboard for monitoring firewall & SE Linux status.

## Technology

- VMware
- Ansible
- GOVC (VMware CLI)