

## **Provisioning of Internet High availability across locations, for A FINANCIAL SERVICES COMPANY**

Internet high availability solution is provided with the use of BGP protocol across 3 locations within Chennai and each having internet connectivity from different ISP. All these locations are interconnected by metro Ethernet links which will be used to carry the internet traffic across locations. Each of the location will use their own ISP link for all internet applications including VPNs. Our solution ensures that, in the event of any link failure, the respective location will seamlessly use the available link at the other location. The user experience will be unaffected during this process.

This was based on Cisco platform and the project took 45 days to execute.

The value of the project was around Rs 75 lakhs

## **Setting up of a redundant WAN network across 40 locations for a manufacturing company**

The objective of the project is to interconnect the Datacentre with remote locations by MPLS circuits. The dual MPLS links architecture is adapted to have better network level redundancy and to replace the traditional expensive Leased Line architecture. Redundancy was provided at the link level as well as the core router level and the data centre. The architecture was such that failure at any level, will not affect the users. Ease of management, simplified network architecture, rich in technology and high level redundancy have been achieved at end of this project compared with the existing network setup and architecture.

Unique features and Highlights of the project

- There is a Service provider level redundancy at each remote locations, Data Centre and DR site.
- There is a media level (copper and fibre) redundancy at each remote locations.
- The Link failover is Seamless at all locations.
- Latest technology adoption with features like IP SLA, HSRP with Enhanced Tracking mechanism (logical conditions), and PBR for multiple tracking options etc.
- All the network functionalities will be resumed through DR site even after the disaster at Datacenter.

The project duration was 4 months and the overall cost of the project was around 60 lakhs.