National Stock Exchange Partners With VMware To Offer Future Ready Solutions

NSE

Technological innovations have played a pivotal role in NSE's expansion into becoming the largest stock exchange in India. In order to stay ahead of the economic curve, NSE required a holistic digital transformation plan that would revamp its IT infrastructure. It was thought that a virtualized IT ecosystem would equip NSE to keep up with the growth in trade volume and speed. Expanding on its six-year relationship with NSE, VMware along with its partner Dimension Data helped the stock exchange achieve agility and scalability through a hybrid cloud infrastructure.

Business Needs

- To stay competitive and agile, NSE needed to virtualize its existing physical network.
- The exchange required a resilient IT infrastructure that will be able to support a significant increase in transactions.
- NSE sought a hybrid cloud solution to achieve scalability, flexibility, and operational agility.
- The exchange wanted to gain flexibility in its networking resources as well as maintain security through micro-segmentation.
- With an eye on future-proofing the business, NSE knew the solution would have to maximize the transformative potential of modern applications.

"With VMware Cloud on AWS-based hybrid cloud infrastructure, we have been able to simplify administrative tasks; automate manual processes; scale up on-demand; and improve our business agility. This deployment has helped us to stay at the cutting edge of technology for years to come. Our infrastructure is now future-proof."

SHIV KUMAR BHASIN
CHIEF TECHNOLOGY
AND OPERATIONS OFFICER, NSE

vmware®

Impact

- Seamless deployment of hybrid cloud infrastructure based on granular insights drawn by the VMware Professional Services team after deep dive sessions with NSE.

- Simplified and continuous management of IT operations made possible.

- Decreased capital and operational expenditure for maintaining and managing the IT infrastructure.

- Greater speed to market and scalability of services such as transactions and exchanges.

- Ability to run resource-intensive applications with better scalability and flexibility.

- Reduced network provisioning time from days to seconds.

STRATEGIC IT PRIORITIES

Multi-Cloud

VMWARE FOOTPRINT

VMware vCloud™ Suite
VMware NSX® Data Center
VMware vRealize® Network Insight™
VMware Horizon®
VMware NSX® Cloud
VMware Cloud™ on AWS
VMware Professional Services

@NSEIndia collaborates with **#VMware** to deploy a hybrid cloud that will transform the trading experience.