

# Kore Infotech Pte Ltd

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## **Data Center + Infrastructure + Technology Topics**

- Hardware Architectures and Comparison & OS they support - SPARC, PowerPC, Intel, Motorola, ARM, Zilog
- 32bit Vs 64 bit Architecture
- Different Server types - Blades / 1U, 2U, 4U / - Various vendors in market for servers
- Server core capacity & memory capacity
- Capacity sizing of the above servers - HDD's , network ports, console
- DC details - Rack details, cabling, cooling, power req
- Storage types - SAN Vs NAS - Different vendors in market for these.
- Network equipment - Introduction to capabilities of Routers / Hubs / Switches / Firewalls / IDS / Load balancers
- Basic networking concepts - CIDR Vs Class based, subnetting, Network topologies
- Networking media - Coax, Fibre, Ethernet - 10/100/1G
- Hard disk comparison - SATA , Fibre, SCSI, iSCSI, SSD
- Services & Protocols and their need - Introduction to DNS, DHCP, AD, LDAP, SSH, UDP, TCP, Telnet, NTP, FTP, Sftp, SNMP, SMTP, Print servers/queues, VOIP
- Clustering & Redundancy concepts - How is redundancy and BCP planned for Network, Server hardware, Services, Applications, Database
- Mass Deployment technologies - Applications and Servers can be mass deployed. A discussion on how this is done.
- Communication Technologies - 3G, Broadband, Satellite, Cabled, Bluetooth, Infrared, GPS
- Popular s/w used and its need - Citrix, Virtualization - Vmware etc, Clearcase, Monitoring, Cloud computing