KOENIG
step forward

Network Training

Topics / Activities
Basic Network Concept. LAN, WAN, VLAN Importance of OSI OSI and TCP/IP IP Address & Classes Subnet Mask Default Gateway Hub & Switches Broadcast Domain Collision Domain
IP Subnetting FLSM/VLSM CIDR
Initial Router and Switch Configuration and WAN • Technologies • Lease Line Intro • CSU / DSU • Encapsulation
Switching • Guide line of switching • Types of switches – L2 & L3
Routing • Guide Line of Routing • Types of Routing
Static Routing • Packet Forwarding Mechanism • Administrative Distance • Disadvantage of Static
Default Routing
Dynamic Routing • Advantage of Dynamic Routing

• RIP v1, RIPv2 • EIGRP • OSPF
Link State and Distance vector Routing Protocol • Link State Routing Protocol • OSPF • Distance Vector Routing Protocol • RIPV1 &2 • EIGRP
Access List • Standard • Extended • Access Class
Network Address Translation • Type of NAT • Static • Dynamic • PAT
Frame Relay • Advantage Of Frame Relay • Virtual Circuit • LMI & DLCI • Troubleshooting
IOS & Configuration Backup, Password Recovery, Cisco Discovery Protocol (CDP), IPv6
Lab work