KARTHICK T

NETWORK OPERATIONS ENGINEER

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SUMMARY

Network Engineer with 2+ years of experience in enterprise and industrial network environments. Strong expertise in Layer 2 switching, VLANs, redundancy protocols, TACACS authentication, and multi-vendor switch configuration including Juniper, Cisco, Comware (HPE), and Hirschmann devices. Experienced in 24x7 network operations, incident handling, and SLA-driven support.

TECHNICAL SKILLS

- Layer 2 Switching & Troubleshooting
- VLAN (Access, Trunk, 802.1Q)
- STP, RSTP, MSTP
- LACP / Link Aggregation

- Port Security & MAC
- TACACS+ Authentication
- Network Monitoring
- TOOLS : SolarWinds, Nagios, Windows

- Redundancy: HSRP (Cisco) and VRRP
- Routing: Static ,RIP, OSPF, EIGRP
- Network Services: TCP/IP, DNS,DHCP

PROFESSIONAL EXPERIENCE

Muthu Consultancy Services | Network Operations Enginner   **MAR 2024 - Present**
Client: Madras Atomic Power Station, Kalpakkam

- Provide 24x7 L2 network support for mission-critical infrastructure.
- Configure and maintain Juniper EX2300, EX4300, and EX4600 switches.
- Implement VLANs, trunk ports, access ports, and inter-VLAN support.
- Configure and manage TACACS+ for secure device authentication.
- Configure Comware (HPE) switches including VLANs, STP/RSTP, LACP, and port security.
- Troubleshoot STP loops, VLAN mismatches, link failures, and MAC flapping.
- Maintain SOPs, network diagrams, and device inventory.

Muthu Consultancy Services | Network Support Enginner   **MAR 2023 - FEB 2024**
Client: Abhilash Chemicals and Pharmaceuticals Pvt. Ltd.

- Provided L1/L2 LAN support for enterprise network infrastructure.
- Monitored network devices using SolarWinds.
- Configured VLANs, access ports, and trunk ports on Cisco switches.
- Troubleshot interface issues, link failures.
- Documented incidents, cabling layouts and updated network topology diagrams.

DEVICES

- Juniper EX2300, EX4300, EX4600
- Cisco Switches: 2960, 3750-24PS, 3750-48PS
- Cisco Routers: 2900, 800M
- Comware (HPE) Switches
- Hirschmann Industrial Switches

EDUCATION

- Bachelor of Science – Information Technology | The American College,Madurai.   MAY 2019 - APRIL 2024
- HSC – Computer Science | Madura College Hr. Sec. School, Madurai.   JUNE 2017 - APRIL 2019