Satyam Kumar Patel

Network Engineer

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PROFILE

Accomplished Server Engineer with extensive experience at The LNM Institute of Information Technology in Jaipur, India, and former Network Engineer at Quess Corp. Ltd. Demonstrated expertise in managing complex IT infrastructures and ensuring seamless network operations. Committed to leveraging technical skills to enhance organisational efficiency and security.

EDUCATION

2021 BCA from William Carey University
2013 Higher Secondary Examination from C.H.S.E
2011 Secondary Examination from C.H.S.E

EXPERIENCE

Freelancer and IT Consultant
October 2025 – Present

Firewall & Network

- Administered Sophos Firewall:
  XGS108, XGS2100
  Policy creation (Network, Application/URL, NAT, IPS)
  Taking backup
  Firmware Update
  Link Monitoring and log analysis
  DHCP Server create

Security & Endpoint Protection

- Managed **Sophos Central Endpoint Security**:
  Policy configuration
  Sophos Mobile setup, management and application control
  Endpoint monitoring
  Threat detection and response (**XDR / HDR exposure**)

Wireless Aps, L3 and L2 Switches:

Configure managed and monitor zyxel Aps through nebula cloud platform.
Configure and managed zyxel POE and Non-POE based access switches.
Configure and managed zyxel L3 switches and Cisco L3 Switches.

Projects Completed / Working:

Techno Solutions:

1- Configure and live the cloud based wireless controller 9800 on Hyper-v with multiple VLAN flow at LNMIIT.

Sunrise Computers:

1- Successfully configure the network infrastructure, with surveillance and Personal announcement system and completed the project smoothly as per the client requirements at JPGS.
2- Recently working on City palace project for implementing wireless with L2 and L3 switches with Sophos Firewall.
3- Working as a remote IT support and Consultant for client Maa Satti Jewels.

Server Engineer
Feb 2024 – September 2025
The LNM Institute of Information Technology – Jaipur, India

Server / Workstation Hardware: **HPE**: (Proliant DL 160 Gen5, 560 Gen 10) (ProLiant ML110,
DELL: EMC (Poweredge R540, R740, R440,)(Precision 3930, T7500, T5500,)(PESc 1430)

IBM: Server x3550 M3
Storage Server: **DELL**: Power vault Manager ME5012, ME212 Storage Encloser
IBM: NAS server x3620 M3

- Manage Network Services including Active Directory and DHCP
- Monitor all servers and their services, such as OS updates, firmware updates, and hardware health.
- Prepare a report of all statuses, and submit it to the higher authority for the troubleshooting and downtime requests for all the servers.
- Installation of Windows Server OS, Ubuntu, RHEL, and all other Linux flavors.
- Installation, Configuration and policy management of SOPHOS and Seqrite antivirus.
- Manage and troubleshoot the NUUO and Hikcentral video management application.
- Configuration and attach the NAS/SAN storage through ISCSI to the video management server to store the video footage in it, also configure RAID levels for data protection.
- Configuration and troubleshooting of Alcatel EPABX System.
- Install, deploy, and manage the learning management system application MOODLE with services Apache, Mysql and PHP on a RHEL server for the creation of courses, quizzes, and online classes (URL: https://moodle.lnmiit.ac.in), and Asset management application SNIPIT in local network for manage assetes.
- Creating Instances, adding load balancers, and design network in Oracle cloud.
- Manage and troubleshoot of checkpoint firewall (Create Policy for (Network, Application_URL, NAT and Qos)) and Layer 3 switches.

Network Engineer
December 2017 to February 2024
Quess Corp. Ltd.

Configuration, Troubleshooting, Monitor, Planning and Designing the entire Network of an educational sector client.

Layer2 Switches
Cisco catalyst (POE and Non-POE): 9200 Series, 2960, SG 300, SG 350, SF 300, C1000
Alcatel:
TP-Link: Unmanaged POE Extender

- Configuration of VLAN, Trunk port, Access Port, DHCP Snooping, Port Security, Storm control, LLDP, SNMP, SSH and HTTPS.
- Planning and configuration for the interface power distribution for POE switches.
- Take Weakly Backup and after every change.

Wireless Controller and APs
Controller: Cisco AIR-CT5520-K9
Cisco AP: AIR-AP1852I-D-K9, AIR-CAP37032I-D-K9, AIR-AP1562E-D-K9 and Controller based C9115AXI-D
Ruckus AP:

- Configuration of WLAN, Virtual Interfaces, SSID, RF Profile
- Troubleshooting of User dysconnectivity, signal range and frequency strength

Layer 3 Switch
Cisco Catalyst 9407R chassis switch

- Configuration of VLANs and it's Interface, Trunk Port, Access Port, ACL, Inter VLAN routing, Static route, SSH and troubleshooting through ARP table inspection.
- Take Regular Backup and after every change.

Firewall UTM device
Checkpoint 6000

- Create Policy for Network, Application_URL, NAT and Qos
- Update OS, Smart Console and Jambo hotfix
- Monitor Interface and it's traffic
- Check logs
- Take regular Backup of Gateway and Management server

SKILLS

- Server Maintenance
- Network Configuration
- Firewall Administration
- Wireless Network Setup
- Network Monitoring (WUG, Libre NMS)
- Virtualization Technology
- Endpoint security

STRENGTH

- Sincere & Hardworking.
- Comprehensive problem-solving abilities.
- Good Leadership Skills
- Confident

LANGUAGES

- Hindi
- English

PERSONAL INFORMATION

Date of birth: 07/05/1996
Marital Status: Unmarried

Nationality: Indian
Gender: Male

Declaration

I Satyam Kumar Patel, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

Satyam Kumar Patel