Satyam Kumar Patel

Server 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

2017 BCA from William Carey University
2013 Higher Secondary Examination from C.H.S.E
2011 Secondary Examination from C.H.S.E

EXPERIENCE

Server Engineer

Currently Working from February 2024
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 status 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 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).
- 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)
- 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