



Abhirup Bhattacharjee

Mobile: +91 8585005491 / +91 9674611830

E-Mail: abhirupbhattacharya18@gmail.com

Industry Preference: Networking & Telecommunication Location Preference: Anywhere

B.Tech. (Electronic & Communication Engineering) & MBA (Part time) in Business Management (Pass out year- 2021-May)

- **CCNA (200-125) Global Certification. (Cisco ID- CSC013188915)**
- **COMPTIA Security+ Certified**
- **PCNSE certified**
- **CEH v10 Certified**
- **Network Troubleshooting.**

Project Operation

- Coordinating with all Technical Departments For smooth progress as Technical Coordinator.
- Monitoring project status during the course of periodic project review meetings.

Commissioning and Maintenance

- Liaising with clients to understand their needs and subsequently preparing appropriate scope of work to meet those needs with the help of NOC team.
- Commissioning troubleshooting and maintenance of Cisco Routers, Switches, Firewall, ACS, DSLAM, Satellite Modems HX 2600, Satellite Antenna (KU BAND).

Liaison & Coordination

- Networking with architects / consultants / clients / contractors to ascertain technical specifications & construction related essentials, based on the prevalent rules.
- Coordinating with consultant engineer, departments, vendors, supervisor & clients for daily work progress and resource availability to meet up project schedule.

Quality Assurance

- Adapting and implementing a stage-by-stage Quality Monitoring System to ensure adherence with technical specifications and quality standards

Since Nov'2015 with HCL Info system, Kolkata as Network Associate

Since September 2017 with Javi system, Mumbai as a Network L2 in BOI Data Centre

Since September 2018 with Wipro Technologies

From December 2019 with PwC India.

Total Experience- 5 years

Key Result Areas & Job Role:

- Detecting, logging, categorizing and prioritizing incidents and Providing Initial Incident Support.
- Accountable for the support Installation, Maintenance of CISCO Devices.
- Cisco ASR routers
- Cisco nexus 7k, 6500 series.
- Configuring VLANs, VTP, Ether channels
- Configuring Inter VLAN routing on L-3 Switches.
- Implementation of HSRP.
- PALO-ALTO 3020 and Checkpoint R77.30 & 80.
- Cisco ASA Troubleshooting.
- Bluecoat Proxy.
- Cisco ACE and F5 Load Balancer.
- Configuring routing Using OSPF and BGP policy routing using route maps.
- Implementing traffic filters using Standard and Extended access- lists.

Currently Working as Risk and Hygiene Security Associate in PwC India

Project: Maintain Hygiene in All associated PwC territories

1. Basically working as a security audit engineer in territory wise and keep the ISP standard maintain. We are creating such rules to mitigate Critical/High rules in firewall and also take action against the highly permissive rule and highly risky rules in firewall.
2. Maintain ISP standard while taking any action against any rule or URL which is high risky.
3. We follow the proper change management process to implement the change and avoid outage.
4. We have to check the end to end traffic and also check the logs to take any action
5. We are using SPLUNK, TUFIN, SERVICE NOW, PALO-ALTO, F5 LOAD BALANCER tools.

Worked as Security Engineer Wipro Technology (From September 2018 till now)

Project: Greater Toronto Airports Authority

- Managing first point escalation for all technical and process issues related to network security
- Resolving incidents and service requests related to firewall and proxy
- Planning and executing projects for routine implementations, changes and firmware upgrades
- Working together with other IT Services division as necessary
- Formulating and scheduling changes and coordinating with different stakeholders
- Working on Security Intelligence tickets related to network security Incidents
- Monitoring the internal control systems for maintenance for appropriate information access levels and security clearances designing IT security policies besides creating risk assessment
- Responsible for deployment and operations of large scale enterprise network security infrastructure
- Proxy, IPS, Load balancer, VPN infrastructure responsible for handling day to day operational tasks.
- **Administering firewall performance tuning, installing and configuring multiple Demilitarized Zones (DMZs), configuring, troubleshooting wired and wireless network problems, checking firewall logs and activity; developing firewall rules for the router as well as for individual servers, thereby increasing network security; performing core firewall PALO-ALTO 3020 for providing access to UAT and Production Servers by creating security rules.**
- **Managing Cisco Nexus 7k over VRF in distribution switches.**
- **Configuring VPC and VDC in Nexus 7k.**
- **Performing troubleshooting in Nexus 7k switch.**
- Checklists and performing scheduled activities assigned attending to the tickets assigned to the queue monitoring for services, adhering to the incident and change management process
- Preparing Low Level Design & High Level Design
- Attending to all system generated alerts and problems analysis for repeated occurrences
- Audit and process compliance and participate in internal and external audits, evaluation
- Network security documentation, review and periodic updates

Worked as L2 Network Engineer in Javi System (From September 2017 – August 2018)

- Implementing and troubleshooting VPN Technologies like IPSEC Site-to-site VPN, Remote Access client VPN, VPN tunnel between Cisco ASA to Branch Routers (880 & 1800 series) and VPN tunnel.
- Performing maintenance, backups and system upgrades including hot fixes and security configuration issues raised by clients; generating custom reports in Check Point's Smart View Reporter as per client's requirements.
- Working with Check Point 15400 Perimeter Firewall in HA cluster and with different Check Point blades which include Firewall Control / Application and URL Control / Anti-spam / Threat Prevention and Compliance Blade.

- Making websites live over Internet by configuring all kinds of access and security measures in perimeter and core devices in Data Centre.
- Performing disaster recovery drill during emergencies and WAN Optimizer to reduce load on Infra which includes Riverbed Steelhead Series
- Implementing HSRP in Nexus 7k and also creates different VRF and routing protocol.
- Troubleshooting Hardware problems and Solving Network issues on L2/L3 devices.
- Configuring and Commission of Satcom Modems and Antenna.
- Site Survey & supervision.
- Managing first point escalation for all technical and process issues related to network security
- Resolving incidents and service requests related to firewall and proxy
- Planning and executing projects for routine implementations, changes and firmware upgrades.

Worked as Associate Engineer in HCL Info system Ltd (From November 2015 - August 2017)

- Role: Network & Security Engineer
- Job Description & Primary Responsibilities:
- Working on change request as part of change management team.
- Implementation of required changes in Network devices by following change management process.
- Hands on experience in Security Product like Net screen firewall, Check Point Firewall and Cisco ASA.
- Diagnose and repair all issues related to Firewall, routers and routing up to gather information.
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- Commissioning of network security and maintenance of clients Infrastructure on various environments by Installing and Upgrading Firewall Devices (Cisco ASA & Checkpoint 4200) and securing through defined security rules.
- Configure and troubleshoot the Active standby failover.
- Troubleshoot the traffic that is flowing through the Firewalls.
- To configure and troubleshoot SVTI VPN between the peers.
- Co-ordinate with TAC for any issue in router, switch, firewall as well as IDS.
- Troubleshoot the traffic flow issue in NOW & Development network.
- Enabling the security features on router and switch.
- To take weekly backup of all firewalls, router, switches.
- Configuring Cisco catalyst 6500 and 4500 series switches, Cisco 3750, 2970, and 2960 and 2950 series switches and Cisco 7600 series Router and Cisco 3845 integrated series router.
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- Configure OSPF in development network for router ASR1004 and 7206 and troubleshoot the issue.
- Creation, modification and deletion of vlans.
- Forming Port-bundling between different switches.
- To create policy on Cisco ASA 5520 firewall.
- Troubleshoot the traffic that is flow through the Firewalls.
- Configure Standard and extended access lists.
- VLAN and Trunk of ports configuration on 2950, 6509, 4507 Cisco switches.
- Configuration of VLAN, Inter-VLAN routing and VRF's in Nexus 7k
- Performing VDC and VPC in Nexus 7k.
- IP configuration of Cisco 6509 Switch, Route IP pool, DSLAM.
- Forming Port-bundling between different switches.
- To check various issue of customer on Gateway router.
- Creation, modification and deletion of vlans.
- To troubleshoot of nodes and high bandwidth links for Latency & slow speed issues.
- Configuring LAN & WAN IPs for Enterprise Customers.
- Prepare RCA, DSR (Daily Status Report).
- Hands on Experience with equipments
- Cisco routers 7600/1004/880/1800 series.
- Cisco switches C2950/C2960/C2970/C3750/C4500/C6500 series.
- Cisco ACE and F5 load balancer
- Checkpoint Firewall Appliance: IP690/ IP2450, 12400, 15400 OS: Gaia 77.30
- PALO-ALTO 3020
- Cisco 4200 IPS

- Cisco FWSM, ASA, Palo Alto Firewall, Checkpoint Firewall
- Routing protocols RIP / OSPF / EIGRP / BGP
- VLANs / STP / RSTP / Ether channel
- Cisco WSA and Trend micro Proxy
- Network Monitoring Tools PRTG v14/Orphanage
- Packet Capture Wire shark
- Packet Capture Wire shark

ACADEMIC DETAILS

- 2015- B.Tech. (Electronics & Communication Engineering) from JIS College Of Engineering under West Bengal University of Technology with 7.8 DGPA
- 2011-12th B.T.RoadGovt.Sponsored.High School, Kolkata with 65.33%
- 2009 - 10th B.T.RoadGovt.Sponsored.High School, Kolkata with 77.47%

IT SKILLS

- Checkpoint R77.
- Cisco ASA
- Palo-Alto
- F5 Load Balancer
- Security Audit (Firewall and Load Balancer)

PERSONAL DETAILS

- Date of Birth:10th May 1993
- Address:279/2/4 M.N.K Road(South), Kolkata – 700036
- Languages Known: English, Hindi & Bengali
- Nationality: Indian
- Passport Details: Yes
- Driving License Details: Yes
- Skype ID: abhirup.bhattachajee6