

## Sagar Chandrakant Bapte

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### Profile Summary

A competent professional with more than 12 years of experience in Network Security, NOC Network Engineer, Systems Admin, Hardware & Networking Operations, Technical Support, Troubleshooting and Installation & Configuration of Network Devices. Gained exposure in networking activities including installing and configuring Operating Systems, Application Software, and Anti-Viruses & Hardware.



Comprehensive understanding & proficiency in Network Security and Network Engineer (Firewalls, Load balancers and Iron Port), LAN/WAN administration.

### Technology Summary

- Configuring (implementation), Upgrade and troubleshooting networks.
- Configuring/maintain network security devices like Checkpoint, Cisco ASA, Palo-alto Firewalls. Web Proxy, Email Gateway and F5 LTM and ASM Load Balancer.
- Attended Azure and AWS CSA training.

### Certifications

- CCNA (Cisco Certified Network Associate): Cisco ID No. CSC011732729.
- CCNP Routing Certified.
- Bluecoat Certified (Administration and Professional).
- Microsoft Certified: AZ-104 Azure Administrator Associate - Certification Number H566-6145

### Technical Skills

- Firewalls:
  - Checkpoint
  - Cisco ASA
  - Palo alto
- Load Balancer:
  - F5 Big IP LTM
  - F5 Big IP ASM
- Proxy:
  - Bluecoat and Iron Port Web
- Networking (CCNA):
  - Switching, (VLAN, Spanning Tree)
  - Knowledge of Subnetting,
  - IP Access List
  - Knowledge of Router and Switch Configuration
  - Routing and Switching (OSPF, EIGRP, HSRP, VRRP)
  - IOS Upgradation.
- Well versed with Installations and Upgradation of:
  - McAfee Antivirus Server and Client.
  - Trend Micro Antivirus Server and Client
- Proficient in WSUS Server Installation and Configuration
- Possess PC hardware support skill
- Good knowledge of Juniper Firewall and VPN

- Possess good knowledge of:
  - Routers like Cisco 1841, 2800 Series, 7200 Series
  - Switches like Cisco 2960X, 3400, 3560, 3650 and 4500 Series

Windows Operating System: Windows 2000, and Windows XP

Server Operating System: Windows 2000, Windows 2003 Server.

## **Employment Details**

**May 2022 – Till Date: Tech Mahindra. Ltd**

**Project - May 2023 to Present - Country – Oman, Muscat as Network Security – Network Hardening Project for Customer Omantel.**

- Performed Hardening for Network Devices like F5 LTM/ASM, Cisco and Huawei Devices.
- Performed OS upgrade for multiple devices as per stable version and recommended by Vendor.
- Prepare MOP (METHOD OF PROCEDURE) for Network Hardening and OS Upgrade for specific Models/Devices.
- Implement the Hardening configuration as per the Change request window as per requirements.
- Follow the incident and Change Management process and the SLA.

**May 2022 to April 2023 – Country – India, Mumbai as Network Security – for Customer Bank of Ireland Project.**

- Resolving day to day user issues and provide proper solution.
- Monitoring all network device health checkup and BW utilization and network dashboard monitoring SolarWinds.
- Troubleshooting managing, analyzing logs, live logs, tcpdump etc.
- Static routes, dynamic routes OSPF, EIGRP, BGP RIP.
- Perform Audit for IOS/Software upgradation for Checkpoint devices on Quarterly Basis.
- Perform Network Documentation, Diagrams, and inventory tasks on monthly basis.

### **F5 BIG-IP LTM/ASM**

- Perform Network Documentation, Diagrams, and inventory tasks on monthly basis.
- Create Virtual Servers along with its rest of the objects according to the requirement.
- Importing and Installing SSL Certificate.
- Configure SSL Profile to mitigate Cipher and Version vulnerability.
- Configured encryption cookies and associate it with VIP.
- Configured access list for SSH access and HTTP configuration utility.
- Create ASM Policy like transparent and blocking mode as per the requirements.
- Good Understanding of ASM Traffic Flow and Advanced Security Policy Work Flow.

### **Checkpoint Firewall**

- Configure IPsec VPN, using BGP routing protocol on Active and Standby On-Premises Firewalls and with Peer AWS Cloud.
- Creating policies for allowing accesses.
- Creating NAT rules.
- Adding entries of anti-spoofing.
- Adding all the required routes.
- Troubleshooting issues, if any faced by the users.
- Auditing of FW to remove unwanted rules and keep the policy up to date.
- Work with Checkpoint Vendor for any Device related issues.

### **Ticketing Tool – Service Now**

- Follow Change Request Process and Approval
- Work on the Incident as per SLA

### **Extreme Switches**

- Configure VLAN, Routing Protocols, Static Routes

- Perform VLAN Tagging and interface config and Software upgrade.

### **January 2019 – April 2022: Burohappold Engineers India Pvt Ltd, IT Infrastructure Analyst.**

- Configure and monitor IPsec Site to Site VPN for DC/Branch Location.
- Configuring Static Routes and OSPF for DC/Branch locations.
- Configuration and Troubleshooting issues of HP Core Switches, Firewalls and Load Balancer.
- Performed Software upgrade of Cisco ASA, Load Balancer, Webtitan Web filtering device.
- Manage and Maintain Cisco and HPE Aruba 5000/2930 L3 and L2 Switches for DC/branch locations.
- Configure, Manage and Maintain Aruba controllers (7000 series) and access points.
- Prepared/Update Network related documents and connectivity diagrams.
- Manage and troubleshoot Network related issues for multiple locations.
- Provide fault isolation and root cause analysis for technical issues.
- Configuration and troubleshoot Internet Filtering (Webtitan Device Virtual)
- Work with ISP provider for new Internet link and SD-WAN Activation for New Offices.
- Worked on SD-WAN MPLS, but at Branch Devices level

### **March 2015 – January 2019: Capgemini India, Mumbai as Network Security Engineer.**

- Worked under Multiple Clients Environment and act as Primary SPOC for multiple Clients.
- Provide fault isolation and root cause analysis for technical issues.
- Identifying audit plans and Closing the same within given deadlines.
- Active Coordination with various teams to achieve common goals like implementation.
- Maintaining VPN for Different Routers and Firewalls Including Cisco and Multiple client.
- Performing the changes as per client requirement.
- Troubleshooting Major Outage's p1 p2 for Day-to-Day Activity.
- Configuration/Troubleshooting experience on Firewalls, Load-balance F5 BIGIP LTM, IronPort ESA, Nexus Switches and Bluecoat Proxy.
- Managing and Maintaining Cisco Security Manager - CSM (Version 4.13) tool including Cisco ASA's Firewall.
- Perform Audit for IOS/Software upgradation for Cisco, Checkpoint devices on Quarterly Basis.
- Perform Network Documentation, Diagrams and inventory tasks on monthly basis.
- IronPort Email Appliance - Creating policy, RAT, HAT, Whitelist-Blacklist phishing email, Perform Upgradation and Troubleshooting.
- Good Knowledge and understanding of Azure AZ-104 Administrator.

## **Network Security Engineer Professional Summary and Area of Expertise**

### **F5 BIG-IP LTM**

- Perform Network Documentation, Diagrams, and inventory tasks on monthly basis.
- Create Virtual Servers along with its rest of the objects according to the requirement.
- Importing and Installing SSL Certificate.
- Performing successful "Node FLIPs" almost every day.
- Upgraded LTMs to 12.1.2 and HF2 successfully.
- Proxy Pac set up on F5 for client SPIE on F5 and maintain the client internet site passing through F5.
- Failover testing of Device between the DC whenever require as per NFT.
- Performed F5 BIG IP LTM migration from 2000 Series device to Viprion vCMP Virtual.

### **Checkpoint Firewall**

- Creating policies for allowing accesses.
- Creating NAT rules.
- Adding entries of anti-spoofing.
- Adding all the required routes.

- Troubleshooting issues, if any faced by the users.
- Created VSX on SAM data center FW to provide connectivity through CG internal network.
- Auditing of FW to remove unwanted rules and keep the policy up to date.
- Done migration of Management server from physical appliance to VM.
- Configure IPsec VPN, using BGP routing protocol on Active and Standby On-Premises Firewalls and with Peer AWS Cloud.

### **Cisco ASA**

- Create policy and NAT rule on different content firewall to provide the end-to-end connectivity through data center.
- Create IPSEC VPN tunnel as per client requirement.
- Installed the new certificate to replace the expired certificates on ASA.
- Failover testing of Device between the DC whenever require as per NFT.
- Troubleshoot the issue for VPN and take Wireshark capture via ASDM if require.
- Upgraded the device to minor version when BUG was reported.
- Create and Configured Cisco Any Connect Connection profile for Internal and External/Internet.

### **BLUECOAT PROXY SG**

- Editing and modify the policy as per the requirement.
- Configured the bandwidth management to restrict the traffic like video streaming to certain bandwidth.
- Installed the new certificate to replace the expired certificate.
- Create policy trace to troubleshoot the issue.
- Failover testing of Device between the DC whenever require as per NFT.

### **Cisco NEXUS**

- Create port profile, VPC and allow VLAN to the profile and Switch/FEX Interfaces.
- Responsible for new implementation and provide end to end connectivity from L2 and L3 perspective.
- Prepared HLD for all connectivity of data center.
- Upgraded 6 nexus device.
- IOS upgradation on Cisco Devices like Routers and Switches.

### **PALO-ALTO**

- Creating policies for allowing accesses.
- Creating NAT rules (Static and Dynamic)
- Adding all the required routes.
- Troubleshooting issues, if any faced by the users (like access issue and login to captive portal issue and blocking and Application-level issue
- Auditing of FW to remove unwanted rules and keep the policy up to date.
- Knowledge on Wildfire.
- Importing and Installing SSL Certificate.

### **Previous Experience**

**May 2022 – Till Date: Tech Mahindra. Ltd., Mumbai as Network Security Engineer.**

**January 2019 – April 2022: Burohappold Engineers India Pvt Ltd, IT Infrastructure Analyst.**

**March 2015 – January 2019: Capgemini India, Mumbai as Network Security Engineer.**

**Jan 2014 - March 2015: Tech Mahindra. Ltd., Pune as Associate Network Architect.**

**Jun'12 – Jan 2014: Lumen21 Info Services Pvt. Ltd., Mumbai as L2Network Engineer.**

**Oct'11 – Jun'12: KDDI India Pvt. Ltd., Mumbai as Network Engineer for Project Daiwa Capital India Pvt. Ltd.**

**Apr'11 – Jul'11: IBMESP Info Services Pvt. Ltd., Mumbai as Network Engineer for IBM Project Vodafone Essar.**

**Jan'07 – Feb'11: Omnitech Info Solution Ltd., Mumbai as Desktop and Network Engineer.**

## **Education**

- Passed Bachelor of Commerce Degree from K. J. Somaiya College of Arts and Commerce, Vidyavihar, Mumbai University.
- Passed H.S.C from K.J. Somaiya College of Arts and Commerce, Vidyavihar, Maharashtra Board.
- Passed S.S.C Maharashtra Board.

## **Personal Details**

Date of Birth : 30<sup>th</sup> July 1985  
Languages Known : English, Hindi, and Marathi.  
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Date: / /

Place: Mumbai

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