

Atendra Gurumal

Network Engineer - Tata Communications

Princeton, NJ - Email me on Indeed: indeed.com/r/Atendra-Gurumal/4642baa6cb28fb82

- CCNP Certified Professional with 7+ years of experience in network design, implementation, troubleshooting, engineering, managing & migration of large-scale enterprise networks.
- Expertise in implementing L2 technologies including VLAN's, VTP, STP, RSTP, Trunking & Port Security.
- Experience in deployment and configuration of Cisco [...] series routers and Cisco catalyst [...] series switches
- Worked on Port Groups on M Series Module and F Series Module for Nexus 7K
- Configuration of Fabric path and connectivity between Nexus 5K and Nexus 7K
- Proficient in Cisco IOS for configuration & troubleshooting of routing protocols: MP-BGP, OSPF, LDP, EIGRP, RIP, BGP v4, MPLS
- Sound knowledge of Routing, Switching concepts and MPLS design.
- Good understanding of JUNOS platform and worked with IOS upgrade of Juniper devices.
- Worked on Routers & Switches: GSR 12000, Cisco 2900 3900, 7200, 7600, ASR 1002, Cisco 6500, 4506, 4510, Nexus
- Provided firewall policy configuration and services with Juniper SRX 240 & 650 series
- Network security including NAT configuration, VPN Concentrator, VLAN, Cisco Firewalls.
- Responsible for Check Point and Cisco ASA firewall administration across global networks
- Experience in managing and securing remote access through designing and implementing various VPN technologies including IPSec and SSL.
- Worked on Cisco FWSM/PIX/ASDM, Nokia Checkpoint NG and Juniper SRX platforms.
- Familiar with Cisco firewalls PIX 515 and ASA 5500series.
- Configured Security policies including NAT, PAT, VPN, Route-maps and Access Control Lists.
- Knowledge of Solarwinds Orion, Cisco Works, HP Open view network monitoring tools
- Security Incident handling, SIEM (ESEM) using RSA Envision/Arcsight products.
- Maintaining and updating inventory of all network hardware, Management and Monitoring by use of SSH, Syslog, SNMP, NTP.
- Experience with CSM, F5 (LTM) Load balancers to provide efficient switching and routing for local and global traffic.
- Worked on F5 LTM, GTM series like 6400, 6800, 8800 for the corporate applications and their availability
- Moderate knowledge in configuring and troubleshooting Cisco Wireless Networks: LWAPP, WLC, WCS, Standalone APs, Roaming, Wireless Security Basics, IEEE 802.11 a/b/g, RF spectrum characteristics.
- Experience in configuration of VLAN with 802.1q, VTP, STP and RSTP (802.1W).

Willing to relocate: Anywhere

WORK EXPERIENCE

Network Engineer

Tata Communications - July 2014 to Present

Responsibilities:

- Configured BPDU Guard, port-fast, uplink fast and other spanning tree features.
- Configuration and troubleshooting of Cisco 2500, 2600, 3000, 6500, 7500, 7200 Series routers.
- Involved in Providing Technical Support and solutions for Network Problems.
- Experience in Implementation of NAT solutions on WAN applications.
- Configured HSRP and VLAN trucking 802.1Q, Spanning Tree, VLAN Routing on Catalyst 6500 switches.

- Hands on experience in Upgrading IOS, troubleshooting network outages.
 - Worked on various Nexus Products Nexus 7010, Nexus 7009, Nexus 5548 and Nexus 2248.
 - Proficient in Cisco IOS for configuration & troubleshooting of routing protocols: MP-BGP, OSPF, LDP, EIGRP, RIP, BGP v4, MPLS
 - Worked on Cisco Routers, Active /Passive Hubs, Switches, Cisco PIX Firewall, NOKIA Firewalls, Nortel VPN Concentrators TCP/IP, NAT and Checkpoint ESX/GSX firewall.
 - Possess Data Center Design Experience, installing and Configuring Network Devices in a Data Center including patching the cables in the Patch Panel.
 - Upgrades and backups of Cisco router configuration files to a TFTP server
 - User authentication and resource allocation using Cisco ACS server using Radius and TACAS+ protocols for administrative control.
 - Participate in all technical aspects of LAN, WAN, VPN and security Internet Service projects including, short and long term planning, implementation, project management and operations support as required.
 - Experience with Checkpoint Firewall policy provisioning
 - Responsible for Checkpoint and Cisco ASA firewall administration across global networks
 - Experience with configuring VIP, Pools on F5 LTM and working with I-rule management on LTM
 - Provided firewall policy configuration and services with Juniper SRX 240 & 650 series
 - Optimized performance of the WAN network consisting of Cisco 3550/4500/6500 switches by configuring VLANs.
 - Experience with Uni center NSM in monitoring IP Telephony environments to provide increase uptime and expedite any detected issues that might impact the clients' environment.
 - Involved in Security Incident handling, SIEM (ESEM) using RSA Envision/Arc sight products.
 - Configured VLANs with 802.1q tagging, ether channels, and Spanning tree for creating Access/distribution and core layer switching architecture.
 - Installation and Initial Access, works on technologies like managing SSL traffic encryption, http to https redirection, configuring monitors, High Availability, Installation of Redundant Pair, Session persistence, SNAT and NAT, server load balancing. Profile configuration, VCMP host configuration. Working knowledge of VIPERION box.
 - Hands on experience in Riverbed Stingray traffic manager and working Knowledge of WAN optimizer.
 - Configuration 7609, 7606 with OSPF and catalyst 6505, 4500, 3550 switches with various VLAN.
 - Create and test Cisco router and switching operations using OSPF routing protocol, ASA Firewalls, and MPLS switching for stable VPNs.
 - Created security policy according to user's requirement in Cisco ASA-5580, Juniper-SRX-5800&ISG-1000 firewall using CLI & GUI
 - Designed and Implemented Cisco PIX525 and ASA5550 firewall's interfaces with FTP, DNS, HTTP servers on DMZ with different security levels.
 - Configured application load balancing using F5 LTM
- Environment: Cisco Routers 2600, 2500, 1700, 1600, ASR 1000. 6500, 4506, 9000, Catalyst Switches; Nortel LAN 5530. Switches - 4500, 2900, Cisco PIX Firewall 506, 515, 525, 535 Routers- Cisco 3700, 2600, and 2500; Switches- 4900, 2900 and 1900, Load Balancer- Avaya P330, Cisco VPN 3000 Concentrator, Cisco ACS 4.x, Nexus (2k 5k 7k), F5 Load Balancers (6400, 6800, 8800),

Network Engineer

Walt Disney INC - September 2012 to May 2014

Responsibilities:

- Performed Baseline Configuration Module (BCM), Domain Control Module (DCM) and Core Services Installation Module (CSIM) upgrades to COMPOSE v3.0.1 on ISNS Servers.
- Providing Network and Security Architecture and Operations support services for Windows 2000 based web, application and database servers.

- Key contributions include troubleshooting of complex LAN/WAN infrastructure that include routing protocols EIGRP, OSPF.
- Configuring ACL to allow only authorized users to access the servers.
- Participated in on call support in troubleshooting the configuration and installation issues.
- Designed and built a prototype system to perform lightweight, real-time mapping of Internet paths between data centers and client hosts, using probabilistic databases and information theory.
- Performed network troubleshooting, second level technical support, and tape backup operations.
- Manage the day-to-day log collection activities of source devices that send log data to ESEM (SIEM) RSA - Envision.
- Worked on netmap: a framework for high speed software packet forwarding
- Extract the logs, Perform real time log analysis using SIEM technologies and Forensics Analysis of logs as per the request
- Served as a main escalation point of contact for level II personnel.
- Coordinated with higher-level support and external vendors for resolution.
- Worked on Port Groups on M Series Module and F Series Module for Nexus 7010 and Nexus 7009.
- Responsible for Check Point and Cisco ASA firewall administration across global networks
- Aggregate, correlate, and analyze log data from network devices, security devices and other key assets using SIEM technologies.
- Convert Branch WAN links from TDM circuits to MPLS and to convert encryption from IPSec/GRE to Get VPN.
- Worked on commissioning and decommissioning of the MPLS circuits for various field offices
- Implemented Site-to-Site VPNs over the internet utilizing 3DES, AES/AES-256 with PIX Firewalls
- Secured network access with Cisco Secure (RADIUS/ TACACS+).
- Extensive Juniper Networks experience in Junos, ScreenOS, Pulse, NSM, and Junos Space
- Experience with convert Checkpoint VPN rules over to the Cisco ASA solution. Migration with Cisco ASA VPN experience
- Experience in configuring and troubleshooting various WAN technologies like MPLS, T1, T3, DS3 and ISDN
- Installation, Maintenance, Troubleshooting Local and Wide Areas Network (ISDN, Frame relay, DDR, NAT, DHCP, TCP/IP).
- Created security policy according to user's requirement in cisco ASA-5580, Juniper-SRX-5800&ISG-1000 fire-wall using CLI & GUI
- Troubleshoot TCP/IP problems; troubleshoot connectivity issues in multi-protocol Ethernet,

Network Engineer

Acme Brick - Dallas, TX - January 2010 to August 2012

Responsibilities:

- Responsible for implementing, engineering, & level 3/4 support of existing network technologies / services & integration of new network technologies / services.
- Worked on troubleshooting customer related issues related to router Configuration, Layer 1/Layer 2 issues.
- Worked on Migration of Juniper SRX firewalls for isolation of network segments and VPN's
- Involved in Configuring and implementing of Composite Network models consists of Cisco 7600, 7200, 3800 series and ASR 9k, GSR 12K routers and Cisco 2950, 3500, 5000, 6500 Series switches.
- Experience with convert Checkpoint VPN rules over to the Cisco ASA solution. Migration with both Checkpoint and Cisco ASA VPN experience
- Worked on OSPF using features like TSA, SA, NSSA and route summarization.
- Configured EBGP/IBGP policies, also tested BGP attributes such as Local preference, MED, AS-PATH, Community and Weight.
- Working knowledge of Firewall service module FWSM UPGRADE, FWSM RULESET conversion
- Experience with WCS predictive maps and RF Engineering Planning.

- Worked on networks with WAN protocols such as MPLS, HDLC, PPP& Frame Relay.
- Configured BGP load balancing and ensured stability of BGP peering interfaces.
- Worked on Route-Reflectors to troubleshoot BGP issues related to customer route prefixes also route filtering using Route-maps.
- Configured Virtual-link between discontinuous backbone areas in the network and also established authentication between all OSPF routers using MD5 authentication.
- Involved in effective communication with vendors, peers and clients in resolution of problems.
- Monitor network performance accompanying company's service level agreements (SLA) using Network management tools such as Cisco works and also provided necessary recommendations to improve network performance

EDUCATION

Masters in Information Systems in Information Systems

University of Ballarat

2008

SKILLS

Cisco (7 years), Firewalls (7 years), MPLS (7 years), OSPF (7 years), VPN (7 years)

ADDITIONAL INFORMATION

TECHNICAL SKILLS:

Networking Equipment

Cisco [...] series routers, Cisco [...] series catalyst switches, ACE load balancer 4700, F5 Load Balancer

Routing Protocols RIP v1 & v2, EIGRP, OSPF, BGP, VRRP, HSRP, GLBP

LAN technologies Ethernet/ Fast Ethernet/ Gigabit Ethernet networks, VLANs, VTP, STP, 802.1q

WAN technologies Frame Relay, PPP, ATM, ISDN, PPP, MPLS; exposure to DS1, DS2, OC3, OC12, T1/T3, E1/E3 and leased lines.

WLAN Technology 802.11 standards, Lightweight and Autonomous systems

Network Security

IPSec, VPN Configuration, VPN Concentrator, Arc Sight SIEM, PIX 506, 515, 525, 535; ASA 5505, 5510
Firewalls, NAT/PAT, IDS/IPS, Ethereal.

Infrastructure services DHCP, DNS, SMTP, FTP, TFTP, POP3

Network Management SNMP, Cisco Works, WhatsUp Gold, HP Open View

Communication Protocols TCP/IP, IPv6, ARP, VLAN (802.1q, ATM), PPP, HTTP, SSH, Frame Relay, MPLS, 802.11, Wi-Fi, WiMAX, Bluetooth

Communication Concepts VPN, Multicasting, CDMA, W-CDMA, GSM

Platforms Windows 98/XP/VISTA, 7 and LINUX

Applications MS Office, MS Visio