

Dhruba Ganguly

Network Engineer

Keansburg, NJ - Email me on Indeed: [indeed.com/r/Dhruba-Ganguly/51fd08185fad28f9](https://www.indeed.com/r/Dhruba-Ganguly/51fd08185fad28f9)

Experienced Network Engineer.

- Cisco Routers, Switches, ASA Firewalls
- Juniper Routers, Switches, SRX, SSG Firewalls
- Citrix Netscaler 10, 10.5, 11.0; GSLB; Xen App 4, 4.5, 6.0
- F5 Load Balancer LTM, GTM, Irules
- Nexus Switches 2k, 5k, 7k, 9k, Cisco ACI, VxLAN
- Checkpoint Firewalls R75.40 Gaia, R75.40 SPLAT, R75 SPLAT and R70 SPLAT
- Palo Alto Firewalls; Panorama
- BGP, EIGRP, OSPF, RIP, HSRP, FHRP, VRRP, VLAN, VTP, RSTP, STP
- Air Magnet, Site Surveys, Cisco Controllers, DOCSIS 3.0
- Riverbed, WAAS
- Aruba Clearpass, Brocade, Aero hive Access Points
- VOIP, SIP, Genesys

Willing to relocate: Anywhere

Sponsorship required to work in the US

WORK EXPERIENCE

Network Engineer

AT&T - Middletown, NJ - April 2017 to Present

Certification testing of ADIOD 2.5 and ADIG 3.0.2 vPE on AT&T Intergrated Cloud (AIC) test plans for Juniper (M320, T640), Cisco (12000 series router, 3650 catalyst switch, 7200 vxr series router), Arista 7280SE-64 switch, Ciena 5150 switch which involves troubleshooting and verifying test cases for OSPF, E/I BGP, LDP, vPE/VLAN and security cases.

Network Engineer

Scarlet Wireless - Atlanta, GA - September 2016 to March 2017

Configuring Palo Alto 7050 chassis, Cisco 7600, 7200, 3800, 3600, 2900, 2800, 2600, ASR 9K, 12K routers, Nexus 2K/5K/7K, 2950, 3500, 5000, 6500 switches, Juniper M120, 320, MX480, 960 routers, EX4550, 4300, 4200-VCT, 3300 series switches. VXLAN support for virtualized and cloud deployments. Design, implemented and configured MPLS circuits splitting trusted and untrusted traffic, Applied ACL's and NAT's configurations based on specific needs, Firewall Rule Modifications and Rule Analysis on Cisco ASA 5500/Juniper SRX 650/1400 and Palo Alto SSL VPN appliances. Implemented and maintained IPS/IDS secure networking environment with high end firewalls.

Network Engineer

Shell - Houston, TX - September 2015 to August 2016

Worked with Co-Location Unitas on overall network designs for AZURE cloud environment in SOC, as well as Lab build-out for application testing. Configuration of Cisco 881 routers (ASA5500), configuration and troubleshooting of cisco MIRIAKI MX64 using Solar winds for modernizing point of application (POSNET - new name GROW) of 2000 Jiffy Lube stores-connected to shell data center using VPN concentrators.

Network Engineer

Stats Chip Pac Inc. - Fremont, CA - February 2015 to August 2015

Established network specifications by conferring with users analyzing workflow, access, information, and security requirements designing router administration, including interface configuration and routing protocols for cloud environment in SOC. Implementing routing protocols (BGP, EIGRP, OSPF, RIP) and switching protocols (HSRP, FHRP, VRRP, VLAN, VTP, RSTP and STP) to increase network efficiency and throughput. Installing, configuring and administering High Availability (HA) pair Checkpoint Firewalls (Migrations, Configuration, Firewall Analysis, Rule Modification, Design/Architecture) with Software Blades. (R75.40 Gaia, R75.40 SPLAT, R75 SPLAT and R70 SPLAT). Installing, configuring and administering Virtual Private Network which has the ability to handle 100 concurrent sessions. (Citrix Netscaler MPX Appliance, Citrix Xen Desktop, RES profile management, XenApp 4.5/5.0/6.5/7.6). Configuring and maintaining WAN Optimization using Riverbed, WAAS and WAN Compression devices.

Network Engineer

Alcatel Lucent - Los Angeles, CA - July 2014 to October 2014

Installing, Configuring Cisco Nexus switches – 7K, 5K, 2K, 1000v, Cisco Series 6500 (Sup Engine 720, 32, 2, 2A, 1), UCS-C, UCS-D, UCS-M, NICE, Aspect systems and also virtualizing the whole network using VRF technology, Flexpod and APP-V for multiple customer support. Worked with DNA (Data Network Analysis) testing using SCDNA tool for small cell testing in SOC. Performing Global Server Load balancing (GSLB) and Carrier Grade Network Address Translation (CGNAT) using Citrix Netscaler 10.5. Used Nemo Outdoor 7.3, TEMS, and JDSU for network planning, optimization and benchmarking purposes. Worked with IBWAVE 6.5.0 create a 3D building model in Google Earth, validation of building materials and floor plans.

Network Engineer

ARRIS Group, Inc. - Los Angeles, CA - April 2014 to July 2014

Used TWC Sport for Areal Site Surveys using Tablet desktop design for the nominal APs and Air Magnet Survey Pro using Planner and IBwave for Attached indoor and outdoor APs for Los Angeles Metro. Worked with Cisco 5508 controller., CATOS, IOS & NX-OS, DOCSIS 3.0, CAT5/6; experience with Aruba WLAN, Aruba Clearpass, HPE Aruba Wireless, HPN switching, Networks Mobility 6.x, Clearpass 6.x and Airwave 7.x. Knowledge of Fluke Networks. Configured F5 BIG IP, F5 LTM/GTM to provide Load Balancing for server management farm. Upgrading CATOS, CAT5/6 and IOS versions on Supervisor Engine Modules. Upgrade Wireless Access Controllers (WLC, WCS, Access Points) for both manufacturing network and enterprise network from 4402, 4404 to 5000.

Network Engineer

AT&T - Irving, TX - July 2012 to March 2014

Implementation of new sites from scratch and projects with phases, like project planning, considering needs and requirements for completion in SOC and then implementing to connect with existing network in a cloud environment. Worked with Cisco Catalyst 6500, 4500, 4900 switches and Cisco 2800, 3600, 3800, 7200 & 7600 series Routers. Worked with routing protocols of OSPF, and BGP. Utilized Cisco Nexus 9k, 7K, 5K, 2K, VxLAN, Cisco Series 6500 (Sup Engine 720, 32, 2, 2A, 1), UCS-C, UCS-D, UCS-M, NICE, Aspect systems in managing and deploying data center switch upgrade. Performed Cisco wireless site survey to test wireless strength of the installed Wireless Access Points. Worked with Air Magnet with Passive and Active Passive wireless surveys. Used QXDM for log analysis and debugging. Upgrading CATOS, CAT5/6 and IOS versions on Supervisor Engine Modules. Installation of XenDesktop/Xenapp 4.5/5.0/6.5/7.6. Used Citrix Netscaler 10, 10.5, 11.0 for cloud using Round Robin, AAA, XML security, nFactor authentication. Worked with SDN and IWAN with open flow protocol in AT&T cloud. Configured Palo Alto 7050 core and 5020 edge routers besides 2035, 3000, 5000. Worked with Policy, mac-id, URL; APP-ID for deep inspection. Used Panorama M-100, 500 models. Configured Juniper routers M120, M320, MX2020, MX960, T1600, T640 etc. and switches EX9200, EX6200, EX4600, EX4550, QFX5100, QFX3500 etc.

Network Engineer

Alcatel Lucent - Richardson, TX - March 2012 to May 2012

Used Air Magnet Wi-Fi (802.11n), debugging QXDM to design, build, test, and verify wireless networks for military and civilian projects. Performed a large scale inspection for indoor and outdoor wireless, Genesys CIM 8.x, Aspect UIP, ALM, AQM and VOIP for a large gated community in Los Angeles, including equipment purchasing, consolidation and budget remediation. Worked with Ekahau, CATOS, IOS & NX-OS, DOCSIS 3.0, CAT5/6, Mobile Survey Tool for Outdoor Wi-Fi site surveys and prepared QC reports for the same. Wrote SOW and RFIs for new construction wireless networking. Completed design review, provided RFIs, and critical design review for the east LA school project. Configured F5 BIG IP, F5 LTM/GTM. Upgrading CATOS, CAT5/6 and IOS versions on Supervisor Engine Modules. Hands on experience with Juniper EX-Series Ethernet Switches. Worked on Installation of PIM modules on Juniper J-Series routers. Configuring and deployment of Juniper ERX310 router, Juniper SRX 210, 240, SSG-140, Net Screen NS-5GT Active participation on operational support for routing/switching protocols in complex environments including BGP, OSPF, TCP/IP, EIGRP, Spanning Tree, 802.1q, etc.

EDUCATION

Master of Science in Telecommunications

Southern Methodist University - Dallas, TX
2010 to 2011

CERTIFICATIONS/LICENSES

CCNA Routing and Switching

July 2013 to July 2019

CCNP Routing and Switching

November 2013 to November 2019

CCIE written

February 2016 to December 2018

AM-214

June 2014 to June 2020

JNCIA

Citrix Netscaler 10.5

Palo Alto PCNSE7

Check Point CCSA