***ROBERT M. LAUDERDALE***

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**OBJECTIVE:**

AWS Engineer – Cloud Implementation\Project Management\ Network Implementation Engineer and related positions that is offering an opportunity for growth by utilizing my knowledge and experience, in Wireless LAN/WAN, Networking and IT Project Management.

**HARDWARE**

Juniper 8216, switches, Juniper MX960, routers F5, VIPRION’S, Cisco 12810,& 7200 series Routers, Cisco 11501, Content Services Switch(CSS), Cisco Carrier Routing System-1(CRS),Cisco 4402 Wireless Lan Controller, Cisco Aironet 1300, and 1200 series Access Points, Voice Over IP Gateways H323,FLUKE Network OPTIVIEW,FLUKE 685 Network Analyzer Voice Over IP Gateways H323,Cisco 1200Aironets, Paradyne 3160, 3162, and 3165 DSU/CSU’S, ADC Kentrox T1, DSU/CSU, Network General Sniffer, Wilcom Power Meter, Fiber Scope, Sumotumo Fusion Splicer, AT&T ST Kit, AT&T LGX Frames, 3M panels, Cisco 7513, 7000, 3600, and 2500 routers. Cisco 5505,4500, 4506, 6009, and 6509 Switches. Baynetwork BCN, ASN and AN Routers, Digital Bridges, Cabletron Mau, ODS Concentrators, Kalpana Ether switch, ODS FDDI Hub, ODS Token Ring Hub, 10Base5, 10Base2, 10BaseT, FOIRL Optics, Telenex, Avanti, Multitech Modems, Micom Amdahl and New Bridge TI Multiplexers, Northern Telcom FMT150 DS3 Carrier, Annex, Digitial M-90 Terminal Servers, Micom 600 Port Selector, IBM 3174, 3274 Control Units, FEPS 3745, RS232, V.35, AUI Cables, AT&T 110 and 66M punch blocks, Tone Generator, Breakout Box, Pair Scanner, Acterna FST-2310 Testpad T1,Ds3 & Sonic tester, Interview and Hewlett Packard Data Scope, BERT Testers.

**SOFTWARE** Amazon Web Services, Sources Elastic Compute Cloud(EC2) Windows and Linux instance, Virtual Private Cloud(VPC), S3 storage, Identity and Access Management(IAM), Security group and Network ACL and Elastic Block Storage(EBS). Cisco Network Compliance Manager, IP Solution Center, CiscoWorks2000, Cisco Service Level Agreement (SLA), RIP, RIP2, OSPF, IGRP, BGP, EIGRP, ATM, ATM-IMA (Bundle T’s),a ISDN, Frame Relay, MPLS, HP OpenView, IBM/TIVOLI,TCP/IP, Netview, Sniffer Pro, Visio, ARP, FTP, UDP, HDLC, SDLC, IGRP, SNA, DLSW, and SRB, AppleTalk, SNMP, UNIX, VTAM, SDLC, X.25, Cisco IOS, Windows NT 4.0, 95, 3.1, MS-XP Professnal and Home, MS-DOS, Ethernet FDDI, Token Ring, Bisync, Netcom, Specturm, Excel, Word, Xtalk, Cterm, Procomm, Async, Extra IBM Emulation ,Granite Xng. Red Hat - System Administration I, and F5 -Administering BIG-IP.

**PROTOCOLS**: RIP, RIP2, OSPF, IGRP, BGP, EIGRP, MPLS

# PROFESSIONAL EMPLOYMENT

June, 2017 **Sirius Consulting**

To Present AWS Partner - Engineer

Responsible for creating AWS virtual machines EC2, instance utilizing Amazon Machine Images(AMI), for Linux and Window users, configuring storage, Security groups and creating pair Keys. Manage created virtual machines access resources with AWS Identity and Access Management (IAM), create Virtual Private Clouds.

September, 2008 **Verizon Wireless\Verizon**

To June 2017

Eng III Spec-Ntwk System Assur,

Responsible for creating, implement and performing Pre and Post testing and updating all network documents for Method Of Procedures (MOP’s), for all network changes which consists of configuring Nokia 2250 and 2255, Juniper Firewalls, F5, Viprion’s, Cisco Content Services Switches, Cisco 12810, and 7200, series routers, running IOS & IOS XR; Juniper MX960’s, Cisco 6500, Nexus 7000, and Juniper 8216 series switches running Cat, & IOS. Coordinate meetings with DSO – Engineers to review and schedule change controls for MOP implementation. Project manage special projects when needed example (data center rack and cable Overhead, CISCO 7000, switch IOS & XR upgrade, switch migration, from 6500 to 7000, and F5 load balancer code upgrade). Was Sole responsible for perform full System and IOS upgrades for all switches located at 51, Imclone and Culpeper VA. Create Remedy and change control tickets

for 1and 10 gigabit circuit request work orders generated by the Xng system. Coordinate the scheduling of cable installation and port turn-up from D-mark to FESV routers.

December, 2007 **T-Mobile**

To August 2008 **Consultant: Mainline Communication**

**Network Project Lead,**

**M**anage a power inventory project for ADC, for T-Mobile.

As project lead I’m responsible for project planning and engineering of T-Mobile LAN/WAN Network Infrastructure. I was also in charge of a staff of 3 Network Engineers. I delegate daily and weekly job functions, assign projects, conduct weekly staff meeting and work closely with the following, Network Vendors and upper management. Other duties included monitor Network performance with HP OpenView and CISCO Works 2000, coordinate and schedule with server groups server activation. Configure Cisco 7206, Routers, Catalyst 6000/6500, switches. Activated client ports, create VLAN trunks, enable port Fast for needed devices and create Ether channels when requested. Install, configure, and manage CISCO (CRS-1’s), Carrier Routing Systems, install (PLIM), Physical Layer Interface Modules and PLIM’s with (DWDM), Dense Wavelength Division Multiplexing. Rack and configure Cisco 11501, Content Services Switches.

August, 2005 **New York City Housing Authority**(NYCHA), **Emirates**

To November 2007 **Airline & Jumeirah: Consultant:**: **(Oasis Biz Solutions LLC)**

**SR. Network Engineer/Project Engineer**

New York City Housing Authority(NYCHA), Emirates Airline & Jumeirah:

Responsible for building wireless networks which consisted of designing and implementing of 1300, and 1231, Access Points. Project Planned the wireless networks to be manage with Cisco 4402, Wireless Lan Controller (WLC). The WLC which was design to secure, configure, and manage all Light Weight Access Point. This consisted of upgrading the 4402’s, IOS, from 3.2.17, to 4.0.116, and converting 10, Cisco 1231, Access Point from autonomous IOS Access Point to Light Weight Access Point Protocol(LWAPP), which consisted of upgrading the IOS from 12.2(13)JA, to 12.3(7)JA, then loading and running Cisco upgrade tool to load Cisco IOS, 12.3(11)JX1 to convert the Access Point to LWAPP.

Work with team members with the designing of new projects. Responsible for

Implementing, LAN/WAN, wireless network, monitor LAN/WAN and redesign data closets. Configuring Cisco 2500, 2610, 7200,7513, routers with the following routing protocol OSPF. Configure and install, Cisco 3550 5505,4500, 4506, 6009, and 6509, switches, for layer 2 & 3, and VLAN’S implementation. Configure Cisco 1200,Aironet series Access points. Configure and install AT&T Paradyne 3162, DSU/CSU’s for Frame Relay and Point-To-Point circuits

November, 1999 **EQUISERVE:**

To July 2005 **SR. NETWORK ENGINEER,**

Sole Responsible for handling the day to day LAN/WAN, network issues in the Edison 118, 144, 156, and 200, McGaw facilities as well as: design, implement, test, troubleshoot and create turnover documentation. Manage and remotely support Equiserve Chicago facility. Configure Cisco 7513, 2500, 7200, and 3600 series routers, for PPP, Frame Relay, ATM, ATM-IMA (Bundle T’s),and ISDN circuits, running routing protocols IGRP, EIGRP, RIP, RIP2 and OSPF. Configure and install AT&T Paradyne 3160, 3162, and 3165 DSU/CSU’S. Order data circuits ranging from 64K to full T1’s and bundle T’s. Configure and install Cabletron MMAC-M3FNB, M8FNB, MICRO MMAC-24T’s, and TRXI hubs. Monitor and troubleshoot LAN/WAN networks using Sniffer Pro, SPECTURM, IBM/TIVOLI and CiscoWorks2000. Headed a Cisco LAN Switch project. Which involved changing the company infrastructure from a Token Ring to Ethernet environment, and made it run parallel to the existing Token Ring network. My team was responsible for the Project planning, configuration of layer 2 and 3 switches, VLAN’S and implementation of the Core using 6509, and 5505 Cisco Switches. I solely configure and implemented 13, 6009 Cisco access switches for various VLAN’s to support 1700 ethernet users.

**PROJECTS**

* Culpeper VA. – Responsible for handling all CDS and NSS data needs. Work closely with these groups management to manage, coordinate, create MOP’s, Change controls and implement MOP’s to fulfill their network needs being it be cable requests, for new circuits, servers, Firewalls, and Load balancers. As well as troubleshoot and cable and network issues. Personally Project manage coordinated, schedule and implement system upgrades for switches, routers, Firewalls, and load balancers as well as travel to Culpeper Virginia to perform these task.
* Part of the Alpha omega team, F5 12.1, code upgrade throughout Branchburg NJ, Southlake Texas, Colorado Springs and Culpeper VA.
* **Verizon Wireless** - Projects manage – 51 Imclone NEC-2A: The migration of all NSS servers and switches Primary/Secondary and Backup from Cisco 6500’s to Juniper 8216, and Cisco 7018. Installed 2, Juniper 8216, switches and one Cisco 7018, switch to accommodate the migration of all NSS’s devices. Created migration schedule for the pre-installation of cooper and fiber. Pre configure all interfaces cooper and fiber to make the migration transition smooth and error free. Coordinated meetings with NSS management to discuss the migration of servers and created migration schedule.
* 51 Imclone NEC’s, Overhead project responsible for managing and coordinating the Installation of cable racks in both NEC’s 1 & 2, to support the migration of all cooper and Fiber from under the floor to overhead to improve the computer rooms cool air flow for all hardware devices
* Network, Upgrade IOS on four CISCO 6500 switches from s72033-advipservicesk9\_wan-mz.122-33.SXH2a.bin to s72033-advipservicesk9-mz.122-33.SXI3.bin
* Upgrade F5, VIPRION’s image from 9.6.1 to 10.1.0, and install a base configuration on them for VVM and DNS Uplift projects.
* Design and implemented the upgrade of 25, Cisco 6000, & 6500, switches for Verizon Wireless – Network. This consisted of upgrading Supervisor modules from WS-X6K-SUP2-2GE to VS-S720-10G-3CXL, replacing WS-X6348-RJ-21, with WS-X6196-RJ-21, installing WS-X6748-SFP, and WS-X6748-GE-TX, upgrade power supplies from WS-CAC-4000W, to WS-CAC-6000W, replace system fans WS-C6509-E-FAN, with WS-C6K-13SLT-FAN2, changing operating system from CatOS, to IOS version 12.2(33)SXH2a.
* Design and implemented wireless networks using Cisco 1300 and 1231 Access Points.
* Work with team to design a LAN/WAN, and wireless network for Emeriest Airline at JFK, airport in NY. This project consisted of configuring cisco 2610, router, 3550, switches, cisco 515, PIX, firewall and cisco Aironets 1200 series Access point. This implementation enable Emeriest to provide Desktop and wireless access for there clients.
* Designed and implemented the migration from token ring to Ethernet in three of Equiserve facilities. This task was completed by building a parallel Ethernet infrastructure. Configure Cisco 6509’s distribution and 6009’s access switches with Supervisor Engine 2 and Route Switch Module(RSM), for layer two and three access for the Core and 6009’s access switches for the closets. Configure VLAN’s, trunks, user ports for 10/100MB, and server ports for 100MB and Ether Channel.
* Designed and implemented a project to create a new Ethernet infrastructure in a new facility to support 200, user’s, and servers. This was completed by installing and configuring a pair of Cisco 4506, distribution switches with RSM layer 3, routing for the Core and a 3550 access switch and provided VLAN’s, trunks, 10/100MB and Ether Channels.
* Designed and implemented a project to consolidate T1’s in two of the Equiserve facilities to reduce T1’s monthly cost. This was achieved by implementing a ATM IMA, solution.
* Designed and implemented the migration of 250, users from token ring to Ethernet in a Chicago location. This task was completed in a weekend by removing an existing Token ring network. And replacing it with a 10/100, Ethernet infrastructure. Using a pair of 4506’s switches with layer 3, routing. Switches were cable up and configure for multiple VLAN’s, 10/100MB, Ether Channel and trunks.
* Designed and implemented the Bellcore Desk Top Services Dock Location. Restructured the hardware and Telco wiring in 15 data closets. As a cost savings, headed the down sizing of IBM 3174 control units.

**Honors** 2002, I was one of 15, people out of a company of 3500, employees honor with the Equiserve (EquStar), award, for a token ring to Ethernet migration project I sole completed in Chicago. The project consisting of removing an existing Token ring network consisting of 250, users and multiple servers and replacing it with a 10/100, Ethernet network. This project was completed in a weekend..**,**

October, 1981 **MIDDLESEX COUNTY JUVENILE FACILITY**

to April, 1982 **COUNSELOR**. Counseled individual and groups regarding specific personal and educational problems. Instructed residents in group and individualized athletic activities.

September, 1980 **MIDDLESEX COUNTY ECONOMIC OPPORTUNITIES CORP**.

**INTERNSHIP IN PLANNING DEPARTMENT**. Wrote proposals and evaluated programs funded by the State and Local government. Reviewed Federal registers and needs assessment surveys.

February, 1979 **PATERSON BOARD OF EDUCATION**

**SUBSTITUTE TEACHER**. Taught Mathematics, History, Spelling and Reading.

**EDUCATION**

2017-2017 AVTECH, South Plainfield NJ, - Amazon Web Services(AWS)

1982-1982 Computer Processing Institute, Paramus, New Jersey, Diploma in Computer Operations.

1977-1981 Rutgers, The State University, Livingston College, New Brunswick, NJ, **BA** in Public Administration.

Red Hat Global learning Services - **System Administration I**

F5 - **Administering BIG-IP**

Global Knowledge – **Implementing and Configuring Cisco Nexus 7000 Switches**

Global Knowledge - **Building Cisco Multilayer Switched Networks**

Global Knowledge - **Installation and Maintenance of CISCO Routers**

Global Knowledge - **Wireshark**

Fluke Network - **Fluke OptiView Network analyzer**

American Institute - **LAN/WAN** Troubleshooting

Lucent Technologies - **Dense Wavelength Division Multiplexing**

Network General **– Sniffer**