**Timothy Elson**

**SUMMARY**

Linux Network Administrator / Network Engineer with a decade of experience enhancing Server operations across the enterprise. Advanced expertise in Linux and Windows administration, technical support, and Server Maintenance. Strong knowledge and comfort within Linux servers.

**TECHNICAL SKILLS**

Oracle Cloud • AWS • Red Hat • CentOS • Ubuntu • SUSE • Debian • Apache • NGINX • LAMP • Asterisk • Dovecot • EXIM • Postfix • Data Restoration • BASH scripting • PowerShell • Ansible • Linux Administration • WordPress • Joomla • PHP • Python • SSL • DNS • WHM/CPANEL • Email Deliverability • SMTP • IMAP • HTTP • HTTPS POP3 • DNS • SNMP • BIND • IIS • Postgres • • MySQL • MariaDB • PHPMYADMIN • VMware • Telnet • SSH • FTP • TFTP • DHCP • CISCO Route Switch • CloudPanel • CCNA trained • • Apache and Tomcat Webservers • Dovecot • Postfix • Squirrelmail • Horde • RoundCube • Knowledge of ISO/OSI layers • VLAN • Subnetting • Routing • Switching • Adtran • Ethernet • LLC(802.2) • T1/T3 • FDDI • ATM • ISDN • Frame Relay • X.25 • SONET • SNA SDLC • IPSEC • TCP/IP • IPX/SPX • OSPF • PPP • HTTP • TACACS • CHAP • PAP • Cable DOCIS • OSPF • BGP • Cisco Meraki • SD WAN • Sip • Sip Trunking • Solarwinds • Rsync • HTML • CSS • Disaster Recovery

**PROFESSIONAL EXPERIENCE**

**Personal Webhosting Business, Oracle Cloud  
Linux Administrator May 2022 – Present**

* The web server is running Ubuntu 22.04 with CloudPanel as the GUI interface.
* It is hosted on Oracle Cloud with a Ampere 3 Core CPU with 18 GB of ram.
* Troubleshoot web applications and email deliverability
* Implemented updates to PHP environment
* SSL Installation, DNS administration, Backup Management, Open-Source software installation and configuration of client requested software.
* Web CMS installation (WordPress, Magenta, Joomla, OpenCart, Drupal)
* Server Application installation (Apache, Nginx, MySQL, MariaDB)
* CSF and APF firewall port configurations

**InMotion Hosting, Virginia Beach, VA  
Linux Administrator May 2019 – May 2022**Administer 1000+ Servers in a Centos 7

* Administer 1000+ servers in a Centos 7 server environment with cPanel
* Troubleshoot web applications and email deliverability
* Implemented updates to PHP environment
* SSL Installation, DNS administration, Backup Management, Open-Source software installation and configuration of client requested software.
* Web CMS installation (WordPress, Magenta, Joomla, OpenCart, Drupal)
* Server Application installation (Apache, Nginx, MySQL, MariaDB)
* CSF and APF firewall port configurations

**Marathon Petroleum, Remote  
Network Field Engineer May 2022 – Sep 2022**

* Worked on project Bolt traveling 5 days a week throughout the US for Marathon Oil doing installation, maintenance, MAC (moves, adds and changes) and removal of WAN/LAN equipment: CSU/DSU’s, Routers and switches, Access Points, Telepresence Units, Cisco Phones, and Client Specific equipment
* Tested and turn up of data and telephony circuits, including extending DMARC where necessary.
* Installation of Routers and switches, Access Points, Telepresence Units, Cisco Phones, and Meraki Devices
* Performed site surveys documenting them in Microsoft Visio.

**Franklin Computer Systems, Weirton, WV****Linux Administrator Dec 2017 – April 2019**

* Administer Windows and Linux Servers
* Troubleshoot web applications and email deliverability
* SSL Installation, DNS administration, Backup Management, Open-Source software installation and configuration of client requested software.
* Web CMS installation (WordPress, Magenta, Joomla, OpenCart, Drupal)
* Server Application installation (Apache, Nginx, MySQL, MariaDB)
* CSF and APF firewall port configurations
* Install, Setup, and Administer Linux Asterisk Phone system.

**Conquest Technologies, Remote  
Network Engineer Sep 2014 – Nov 2017**

* Installation, maintenance, MAC (moves, adds and changes) and removal of WAN/LAN equipment,  
  CSU/DSU’s, Routers and switches, Access Points, Telepresence Units, Cisco Phones, and Client Specific equipment Tested and turn up of data and telephony circuits, including extending DMARC where necessary.
* Installation of Routers and switches, Access Points, Telepresence Units, Cisco Phones, and Meraki Devices
* Performed site surveys and other client specific tasks while on site.

**Freedom Voice  
Linux Administrator / Network Engineer Jun 2009 – Dec 2013**

* Worked in a Remote Call Center Environment taking inbound support calls as well as working ticket system cases
* Configuring ADTRAN routers to meet customer WAN/LAN/voice needs.
* Configuring IP voice endpoints (phones, ATAs, etc.) to work with deployed voice solutions.
* Remote testing of WAN, router, switch and endpoint combinations for proper operation.
* Tested deployed services for proper operation including connectivity/performance of network and voice solutions.
* Gathering required information (packet captures, SIP traces, syslog info, etc.) from network equipment regarding inoperability or performance degradation.
* Interpreting information in order to find root cause and resolve standard or basic non-standard issues independently. Resolutions include router changes, phone configuration changes, equipment replacement, recommendations for wiring change.
* Working with engineering personnel, sales engineering, sales and project coordination to develop solutions in response to customer requests and requirements.
* Configured Mail and Auto Attendants for clients to allow options and extension dialing.
* Placed phone number Port request for clients.

**Comcast Cable, Pittsburgh, PA** **Jan 2008 – Jun 2009**

Business Class Services Network Engineer

* Worked in a call center supporting Comcast Business Class for the North Eastern Region
* Configured and supported Comcast Business Class Internet for clients to ensure reliability
* Configured and Supported Business Class VoIP telephone Services.
* Configured and Supported Business Class TV Services.
* Configured DNS records for clients.
* Configured Static IP addresses on Customer Premise Equipment
* Configuring routers to meet customer WAN/LAN/voice needs.
* Setup Business Class Email Accounts and password recovery
* Assisted commercial clients with billing questions

**EDUCATION**

Belmont University

Bachelor’s in Computer Science

CED Solutions

Cisco CCNA Boot Camp