

# James Royle

## Network Engineer - Zayo Bandwith

Santa Clara, CA - Email me on Indeed: [indeed.com/r/James-Royle/4cbbaa8efcafce9a](https://www.indeed.com/r/James-Royle/4cbbaa8efcafce9a)

- Network Engineer with experience in designing, installing, configuring and maintaining Enterprise Networks using Cisco routers, Catalyst Switches.
- Extensively exposed to troubleshooting and maintaining network devices.
- Extensive working experience and knowledge of routing protocols like RIP, OSPF, EIGRP, BGP and MPLS.
- Extensive working experience of VLANs, Ether channels, Spanning tree protocol and HSRP.
- Experience in Network administration, management and monitoring using Solarwinds, Tivoli, Infoblock, ACS and ISE.
- Extensive working experience with Cisco IOS and Nexus OS

Willing to relocate: Anywhere

Authorized to work in the US for any employer

### WORK EXPERIENCE

#### Network Engineer

Zayo Bandwith - November 2013 to Present

- Personally assigned to maintain corporate network infrastructure in a way to guaranty a 99.99% uptime.
- Well versed in configuring, verifying and troubleshooting Network devices: Cisco switches, routers and ASA's, an active member of a team in charge of conceiving and executing projects aiming to improve company traffic delivery and security: configuration, MOP redaction, maintenance scheduling and implementation.
- Defined, documented and enforced System Standards.
- Troubleshot traffic outage.
- Conferred with vendors in a goal to keep Cash America International Network up-to-date in regards to new technologies.

Environment: Cisco routers 7600, 7200, 3900, 2921, 2800 series; Cisco Catalyst switches 6509, 4500, 3750 and 3600 series, ASR routers 1006 and 1013, Nexus 7K, 5K and 2K, Firewall ASA 5520, 5545, Cisco ISE, Cisco ACS

Load Balancer Netscaler, F5 Big IP (freshly brought in), Wan Optimizer: Bluecoat 500, 9000, Packectshaper 7500, 12000, Routing Protocol: OSPF, BGP and EIGRP, Administration tools: Solarwinds, Tivoli, Infoblock, and Sharepoint

#### Network Administrator

- Identified users' needs to guaranty network access availability.
- Planned and executed the selection, installation, configuration, and testing of equipment.
- Defined network policies and procedures.
- Established connections and firewalls.
- Secured network by limiting, monitoring, controlling and evaluating access.
- Performed Network address Assignment.
- Installed and supported LANs, WANs, network segments, Internet, and intranet systems to ensure network connectivity throughout the company LAN/WAN infrastructure.

#### Network Engineer

Century Link - Monroe, LA - July 2013 to October 2013

- Provided IP services up to Level 2 to customers including local ISP, Call Centers and Banks.
- Troubleshot connectivity issues relating to circuit and link failures.
- Troubleshot BGP peering issues and analyzing BGP routing tables including Prefix-lists filtering, route maps, route reflector and all issues relating to BGP route flapping.
- Carried investigation, isolated, acted as escalation point, oversaw and resolved end-to-end routing difficult and critical issues.
- Maintained and updating network documentation.

Environment: Juniper MX490, M10, M7i, Cisco routers 7600, 7200, 3900, 2800, and 2600 xm series; Cisco Catalyst switches 6509, 4500, 3750 and 3500 series, Alcatel Lucent Multi-layer switches 7750 SR 1, 7750 SR 7, 7750 SRc 12, Routing and Routed Protocols MPLS, BGP, STP, VTP, HSRP, GLBP and OSPF  
Intensive usage of interactive Databases, Webb based interfaces and program such as HSD, Remedy, SHAREPOINT, XLR2, NNET IP lookup, Salesforce and SAM (Service aware Management) for Alcatel lucent configurations

### **Network Engineer**

JP Morgan Chase - Coppell, TX - May 2012 to June 2013

Century link migrating from Cisco environment to Alcatel Lucent infrastructure, was in charge of North and South Carolina, New Jersey and Pennsylvania Market and did perform the following tasks:

- Audited all Cisco and Alcatel Lucent devices in the Century link network (in the dedicated Markets) to evaluate their actual capacities and foresee eventual migrations to be implemented.
- Reported all conclusions in a Pre-Migration Spreadsheet.
- Elaborated of the Migration Spreadsheet in regard of a provided Interconnection sheet.
- MOP Redaction
- Removed and cleaned up removed Cisco Routers.

Environment: Cisco routers 7600, 7200, 3900, 2800, and 2600 xm series; Cisco Catalyst switches 6509, 4500, 3750 and 3500 series, Alcatel Lucent Multi-layer switches 7750 SR 1, 7750 SR 7, 7750 SRc 12, Calixte E7 and C7, ASR routers 1006 and 1013, Routing and Routed Protocols MPLS, BGP, STP, VTP, HSRP, GLBP and OSPF

Intensive usage of interactive Databases and program such as TABVIEW, HSD, Remedy, SHAREPOINT, NNET IP lookup and SAM (Service aware Management) for Alcatel lucent configurations

### **Network Technician**

Manpower - Addison, TX - March 2009 to April 2012

- Installed, configured and managed Cisco routers such as 7200 series, 3800 series, 3700 series, 2800 series and Cisco Catalyst switch series 6500, 4500, 3500, and 2900.
- Configured networks using routing protocols such as OSPF, BGP and manipulated routing updates using route-map, distribute list and administrative distance for on-demand Infrastructure.
- Implemented Hot Standby Router Protocol (HSRP) by tuning parameters like preempt, priority and track.
- Deployed and Implemented Network Infrastructures for Chase Bank new Branches.

Environment: Cisco routers 7200, 3800, 2800; Cisco Catalyst switches 6500, 4500, 3500, 2900. Routing Protocols OSPF and EIGRP

### **Network Engineer**

Cash America International - January 2006 to February 2008

- Worked on Cisco devices with network devices including 1800, 2500 and 3600 series routers and 3500, 2900, 1900 series switches.

- Handled the Installation, Configuration and General Network Maintenance (DNS, DHCP, IIS and WINS with Active Directory, switches and routers)
- Configured and troubleshot EIGRP and OSPF routing protocol on the company network.
- Configured and maintained Cisco 2900 series switches.
- Involved in maintenance of Cisco 1800 series router for WAN connectivity.

## EDUCATION

### **Master in Business Law in Business Law**

North Lake College

2006 to 2008

University of Bordeaux 1 (Montesquieu) - Bordeaux, FR

## ADDITIONAL INFORMATION

Technical Skill Summary:

LAN Technologies: Ethernet, Etherchannel, VLAN, VTP, STP, RSTP, MST

WAN Technologies: T1 and MPLS

WLAN Technologies: Lightweight AP's, AP Provisioning

Cisco Equipment: Cisco routers (7600, 7200, 3800, 3700, 3600, 2900, 2800, 2600, 1900 series), Catalyst switches (6500, 4900, 4500, 3700, 3500, 2900 series)

Alcatel Lucent Equipment: 7750 SR7, 7750 SR12

Juniper Equipment: MX490 Beginner Exposure

Routing Protocols: RIPv1/v2, MPLS, OSPF, EIGRP, BGP, IS-IS, IGRP, HSRP, VRRP, GLBP

Network Security: NAT/PAT, ACL, Firewall Design, VPN Configuration, SSL, TACACS+

Infrastructure Services: DHCP, DNS, SMTP, TFTP, FTP, HTTP, HTTPS, IP SLA

Load Balancers: Netscaler and fresh start for F5 Big IP

Documentation: Microsoft Word, PowerPoint, Excel and Visio

Operating System: Cisco IOS, Windows Vista, Windows 7