

Oliver Garraux

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Skills

Enterprise Level Experience

- ◆ Cisco NX-OS, IOS, CSM. Nexus 7000 / 5000 / 3000 platforms. Catalyst 6500.
- ◆ Utilize knowledge of OSPF, BGP, HTTP, DNS, TCP/IP, Ethernet, and STP in complex, globally distributed enterprise data center networks.
- ◆ F5 BIG-IP Local Traffic Manager, Global Traffic Manager, Access Policy Manager. v10, 11.

Additional Experience

- ◆ Juniper JunOS, ScreenOS. Vyatta. Ubiquiti Unifi, EdgeMax, AirMax. Cisco ASA. IPv6 on Cisco, Juniper, Vyatta.
- ◆ Have developed fundamental understanding of additional technologies including MPLS, L3VPN, Nexus 1000v / VXLAN, and LISP through labs at home
- ◆ Red Hat with Apache, Postfix, MySQL, OpenVPN, Cacti and Nagios based SNMP monitoring. PowerDNS, bind, squid, gdnssd. Centralized management of 20+ Linux VM's on home network with puppet.
- ◆ Windows Server with Active Directory, Exchange, SQL Server.

Certifications

- ◆ Cisco CCNP (Sept 2013), CCDP (May 2014)
 - ◆ Juniper JNCIA (Dec 2013)
 - ◆ F5 Certified Product Consultant (Dec 2011)
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Education

IUPUI – Major in Computer Information Technology, Minor in Business

- ◆ Graduated May 2011. 3.97 Cumulative GPA.
- ◆ Dean's List – Fall 2007, Spring/Fall 2008, Spring/Fall 2009, Spring 2010
- ◆ 2009 Outstanding Upperclassman Award in CIT, 2008 Outstanding Underclassman Award in CIT, 2008 Outstanding Underclass Student in Technical Communications

Maize High School – Maize, KS

- ◆ Graduated May 2007. 4.0 Cumulative GPA, Valedictorian
 - ◆ Won 1st place at national network design project competition for Business Professionals of America in 2007, wrote 80 page network project proposal.
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Work Experience

Apparatus: Technology Specialist

May 2011 – Current: Data Center Network team at Fortune 500 client

Data Center Networking

Consult with client on data center network design. Plan and coordinate network projects (deployments, migrations, upgrades, etc.) with internal customers and service provider responsible for network operations. Orchestrated testing of new stretched L2 (OTV) data center network.

Customer has Cisco Nexus 7000 / 5000 and Catalyst 6500 based data center network across five enterprise data centers globally. Deployed and managed Nexus 3000 / 5000 network for HPC cluster including 40GbE. Wrote internal quality documentation for Cisco NX-OS devices prior to deployment.

Wrote custom Perl / SNMP based switchport mapping / inventory script.

Load Balancing

Manage 40+ F5 BIG-IP devices globally (LTM / GTM / APM).

Analyze load balancing needs for new applications and work with customers to troubleshoot application availability and performance. Design custom iRules to meet customer application needs. Deploy and integrate load balancers in new environments. Investigate automation and management solutions including F5 Enterprise Manager and custom Python based scripts that interact with F5 iControl API.

Migrated over 1000 applications from Cisco CSM / GSS to F5 LTM / GTM.

January 2011 – May 2011: Internal Infrastructure

Worked on internal projects to support move to a new office building: network cabling / device configuration, print server setup, and VPN server configuration.

UNC Project, Malawi: IT Consultant

Summer 2010, Consulting as needed 2011 – current

In Lilongwe, Malawi, implemented Windows Sharepoint Services intranet site, Exchange 2010, and site-to-site VPN for university sponsored medical clinic. During 2013, migrated Cisco IOS based firewall / gateway to Juniper SRX and implemented Ubiquiti Unifi wireless system.

Indiana Clinic / Clarian Health Partners, IS Department: Desktop Support Intern

June 2008 – January 2011

Supported Indiana Clinic desktop systems and users, deployed new desktops. Track incidents and change requests. Migrated internal customers to Clarian systems as part of Indiana Clinic transition.
