



# Thomas Cameron

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## Summary

Cloud Computing Technologist at Amazon Web Services. I've been in the IT industry since 1993, and have worked with technologies from Novell, Microsoft, Sun, Red Hat, Cisco, AWS, and many, many more. I've advised and taught customers in fields as wide ranging as aviation, retail, energy production, national defense, manufacturing, transportation, and more.

## Experience



### Senior Technical Trainer

Amazon Web Services (AWS)

Jul 2020 - Present (2 years 8 months)

I'm a senior technical trainer specializing in solution architecture, security, automation, SysOps and DevOps at AWS.



### Amazon Linux Solution Architect

Amazon Web Services (AWS)

Mar 2019 - Jul 2020 (1 year 5 months)

Solution Architect working with Amazon Linux. I work with internal and external partners to help them certify their software on Amazon Linux. I evangelize Amazon Linux to partners, customers, and at industry events, conferences, etc. My job entails working with product management, product engineering, the greater Linux community, and of course, customers.

Much of my time was spent working with customers to discover their requirements and communicating those requirements to product management and engineering.



### Global Red Hat Enterprise Linux Evangelist

Red Hat

May 2016 - Mar 2019 (2 years 11 months)

Responsible for representing Red Hat Enterprise Linux (RHEL) for Red Hat at technology conferences, with strategic customers, at industry events, etc. Work closely with Red Hat Engineering and Red Hat Product Marketing to formulate and deliver global messaging as regards core product capabilities and how RHEL enables the entire suite of layered products Red Hat offers (including JBoss middleware, OpenShift Container Platform, Red Hat OpenStack Platform, Red Hat Gluster Storage, Red Hat Ceph Storage, Red Hat Virtualization, Red Hat CloudForms, Ansible Automation, Red Hat Satellite, etc.). Represented Red Hat at events including DockerCon, DevConf, Oracle OpenWorld, Red Hat Summit, Southern California Linux Expo, All Things Open, VMWorld, KubeCon, LinuxFest Northwest, Southeast LinuxFest, HP Discover, AWS re: Invent, Red Hat Tech Exchange, Red Hat Forum, and many other events. Presented in North America, LATAM, EMEA, and APAC. I presented in over 180 cities in about 20 countries. Some examples of my presentations are at <https://bit.ly/RedHatThomas>

Much of my time was spent communicating with customers and communities and then communicating the desires of those customers and communities to product management and engineering. I developed close relationships with engineers to drive customer requirements. Those relationships included everything from face to face meetings to opening bug reports and feature requests and managing those requests.

### **Global Solutions Architect Lead**

Red Hat

Sep 2015 - May 2016 (9 months)

Led solutions architect enablement for Red Hat. Developed technical and sales enablement training programs for solutions architects worldwide.

### **Chief Architect, Central US (Senior Principal Solution Architect)**

Red Hat

Sep 2011 - Sep 2015 (4 years 1 month)

After a year of being a manager, I realized I was more valuable as an individual, technical contributor, and Red Hat created the chief architect role with my input. After a year, the program was deemed a success, and now there are regional chiefs architect across the globe. I was the chief solution architect for the central region of the US (central and mountain time zones). Responsible for technical leadership for all solutions architects in the central region. Focused on complex strategic customer accounts. Designed cross-technology, multi-vendor solutions for Red Hat customers. Mentored solution architects. Maintained C-level relationships with customers in industries including manufacturing, airline and train travel, traditional finance, high frequency trading, automotive manufacturing, and many others. Presented at industry events, trade shows, for strategic customers, etc. In March 2014, I was in the group of three solution architects promoted to senior principal solution architect - the first at the company.

### **Solution Architect Manager**

Red Hat

Jun 2010 - Aug 2011 (1 year 3 months)

Managed the solution architecture team in the central region. Mentored and trained solution architects. Managed day to day operations of the team including sales team interactions. Hired and onboarded team members.

### **Principal Solution Architect**

Red Hat

Mar 2010 - Jun 2010 (4 months)

Promoted to principal solution architect. Took on a team leadership role in the central region. Became an escalation point for complex accounts. Became recognized as a senior technical resource for technical sales in the region.

### **Senior Solution Architect**

Red Hat

Sep 2008 - Mar 2010 (1 year 7 months)

Promoted to senior solution architect. The promotion required technical product proficiency and technical sales expertise. I began mentoring newer solution architects, participating in hiring boards, etc.

## **Solutions Architect**

Red Hat

Sep 2005 - Sep 2008 (3 years 1 month)

As a Red Hat Solution Architect, I was required to demonstrate expertise in Red Hat products. When I started, this meant mastering Red Hat Enterprise Linux. In 2006, Red Hat acquired JBoss, and I learned about Java middleware.

## **Assistant Vice President, Linux Design and Engineering**

Bank of America

Sep 2003 - Apr 2005 (1 year 8 months)

Provide enterprise design and deployment plans for Red Hat Enterprise Linux in the third largest bank in the United States. Projects include messaging antivirus and spam filtering relays, web server farms, Linux on the mainframe, development of the standard server configuration (package manifest, filesystem layout and security settings), co-development of the hardening script used to ensure Information Security compliance, setting up Red Hat Satellite and proxy servers, and leading the Red Hat Enterprise Linux 2.1 to 3 upgrade project in a very high-pressure, fast-paced environment with little direct supervision. Promoted from system admin to engineering team within 6 months of joining Bank of America, and from engineering to architecture team a year later.

## **Linux Consultant**

Cameron Technical Services, Inc.

Aug 2001 - Sep 2003 (2 years 2 months)

Owned and operated an IT consultancy specializing in Free/Open Source Software solutions such as Linux, Apache MySQL as well as Microsoft Windows, Sun Solaris and Novell NetWare networks.

Projects included the design and rollout of a Windows 2000 Active Directory structure for the national oil company of Angola, Africa, managing a Solaris network for a software development company, the migration from Windows NT 4.0 and Exchange 5.5 to Windows 2000 with Active Directory and Exchange 2000 at a software development company, the replacement of a Novell NetWare infrastructure with Red Hat Linux for a management company, the design and installation of a Linux network (servers and desktops) for a non-profit organization, the design and deployment of a Windows 2000 network including VPN access for a chain of restaurants and the design and implementation of a Windows 2000 WAN for an engineering firm.



## **Senior Information Technology Engineering Manager**

## Dell Technologies

Mar 2001 - Oct 2001 (8 months)

Managed the IT engineering staff. Responsible for the team which designs changes to the network. The DFS network consisted of approximately 200 Windows NT/2000 servers as well as EMC Symmetrix storage arrays, and processed approximately \$10 billion in lease information per year.

Application base included Oracle, MS Exchange, MS SQL 7/2000, internally developed applications, and the Infolease lease management software package.

Implemented policies and procedures for engineering task management, formalized Engineering project management processes, developed professional education plans for the staff, and provided oversight to all Engineering projects in order to set priorities and schedules to best serve the business.

## Unix Team Manager

Connect South

Oct 2000 - Mar 2001 (6 months)

Responsible for the team of admins and engineers who administered Unix servers. The infrastructure included Sun Enterprise 4500 and 220R servers connected to EMC Symmetrix storage arrays as well as Intel-based servers running Red Hat Linux. The application base included Oracle databases, Oracle web servers, internally developed customer relationship management software, Internet-facing e-mail, web, ftp, LDAP, and mail applications, network management and monitoring software, and reporting tools.

Improved documentation base, designed and oversaw implementation of trouble-ticketing and knowledgebase systems. Set standards for project management.

## Linux Consultant

Team Linux Corporation

Apr 2000 - Oct 2000 (7 months)

Senior technologist, overseeing the Southwest Region team of programmers, network administrators and engineers, webmasters. Acted as a manager and as a Tier 3 solution provider for customers ranging from web hosting companies to manufacturing facilities to a bicycle shop.

Lead educator for the national Linux training program. While at Team Linux, wrote and delivered the TurboLinux Certified Trainer program for TurboLinux, Inc., the second largest Linux distribution in the world at the time.

## Linux Consultant

Three-Sixteen Technical Services, Inc.

Feb 1999 - Apr 2000 (1 year 3 months)

Founded and ran an information technology-consulting firm providing multi-vendor (Sun, Microsoft, Red Hat, Novell) system integration services.

Developed and delivered Red Hat Linux administration courses. Customers

included Dell Computer Corporation, IBM, U.S. Department of the Treasury, Compaq, and Deja.com.

Services rendered include LAN to Internet connectivity, Open Source Virtual Private Network (VPN) and firewall solutions, NetWare and Windows NT to Linux migrations, Linux and Windows NT integration installation of Linux hosts for web/ftp/mail/dns/nis services, firewall installations, proxy installations, etc.

The company was so successful that after a year of operation a nation-wide Linux service provider, Team Linux Corporation, bought it.

### **Chief Technical Officer**

1stBuy.com

Mar 1997 - Feb 1999 (2 years)

Responsible for the design, installation, administration and security of the start-up e-commerce web site's infrastructure. Internet technologies included Apache and Stronghold on Linux. Internal technologies included Windows NT 4.0.

Initially the company started as a part-time project among friends, becoming full-time with funding in mid 1998.

### **Technical Trainer**

SkillPath Seminars (CompuMaster Division)

Apr 1998 - Oct 1998 (7 months)

Taught classes on a contract basis across the United States. Topics included Microsoft Windows NT administration, troubleshooting, and configuration; network administration in a multi-vendor environment (NetWare 3.x/4.x, Windows 95/98, Windows NT); and Windows NT certification preparation.

### **Tier III Network Engineer**

GTE

Jun 1997 - Mar 1998 (10 months)

Responsible for the design, maintenance, troubleshooting, and monitoring of various wide-area networks of GTE clients. Sizes range from 2 to 300 sites. Equipment included Cisco 2500 series, 4000 series, 7000 series routers, Catalyst switches, NetWare servers Windows NT servers, Solaris servers, HP-UX servers, firewalls, and various other WAN equipment. Management platforms include SunNet Manager, Cisco Works, Cisco Works for Switched Internetworks, Cisco VLAN Director, Traffic Director, and Bay Networks Optivity.

### **Network Administrator**

Motorola Mobility (a Lenovo Company)

Nov 1996 - Mar 1997 (5 months)

Administered two NetWare 3.1x file servers, one NetWare 4.1 server, and a

Windows NT 3.51 server, and co-administered the UNIX network (SunOS, Solaris, and Linux). Engineered the migration from a mixed Netware/NT environment to a homogeneous Windows NT 4.0 environment. Co-produced a plan with the UNIX administrator to migrate the services of an older NetWare NFS server to a Sparc Server 1000 using Samba for PC connectivity. Helped design the internal web page for the network support team. Wrote and implemented the plan for network analysis to streamline network protocols in order to reduce network congestion.



## **Network Administrator**

Xerox

Dec 1995 - Nov 1996 (1 year)

Administered four NetWare 3.12 file servers, a NetWare for SAA Server, two NetWare Global Mail servers, two 3Com AccessBuilder servers, a Microsoft Windows NT 4.0 (beta) server acting as a Web/FTP server, and three Sun Sparc UNIX workstations.



## **Lead Engineer**

Microsoft

Oct 1994 - Dec 1995 (1 year 3 months)

One of 5 lead engineers responsible for bringing the Austin Windows 95 Launch Team facility on-line. As lead engineer, primary responsibility was training approximately 450 UNISYS support engineers to Microsoft standards in network interoperability between Microsoft Windows 95 and other network operating systems.

Installed and maintained five Windows NT 3.5x servers, six NetWare 3.12 servers, one NetWare 4.1 server, an MSMail 3.2a MTA and over 450 workstations on Microsoft's corporate WAN for the Windows 95 Launch Team that UNISYS built under the contract to Microsoft Corporation. Acted as Tier III technical support for Windows 95, specializing in networking issues.



## **Network Administrator**

Selber, Inc.

Oct 1993 - Sep 1994 (1 year)

Upgraded a 40-node single-server NetWare 3.11 token-ring network to a dual server NetWare 3.12 environment. Set up disk duplexing and a tape backup strategy to increase fault tolerance. Upgraded from monolithic IPX.COM and NETX.EXE to Novell's ODI client software.

Co-authored policies and procedures manuals to gain ISO-9000 certification.

## **Education**



### **Austin Community College**

1988 - 1989

## Licenses & Certifications



**Red Hat Certified Architect Level V - Red Hat**

100-000-702



**Red Hat Certified System Administrator in Red Hat OpenStack - Red Hat**

100-000-702



**Red Hat Certified System Administrator - Red Hat**

100-000-702



**Red Hat Certified Engineer - Red Hat**

100-000-702



**Red Hat Certificate of Expertise in Clustering and Storage Management - Red Hat**

100-000-702



**Red Hat Certificate of Expertise in Deployment and Systems Management - Red Hat**

100-000-702



**Red Hat Certificate of Expertise in Performance Tuning - Red Hat**

100-000-702



**Red Hat Certificate of Expertise in Security: Network Services - Red Hat**

100-000-702



**Red Hat Certified Virtualization Administrator - Red Hat**

100-000-702



**Red Hat Certificate of Expertise in Directory Services and Authentication - Red Hat**

100-000-702



**Red Hat Certificate of Expertise in SELinux Policy Administration - Red Hat**

100-000-702



**Red Hat Certificate of Expertise in Server Hardening - Red Hat**

100-000-702



**Red Hat Certified Security Specialist - Red Hat**

100-000-702



**Red Hat Certified Datacenter Specialist - Red Hat**

100-000-702



**Amazon Web Services Solutions Architect Associate - Amazon Web Services (AWS)**

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**AWS Certified Cloud Practitioner - Amazon Web Services (AWS)**

Issued Aug 2020 - Expires Aug 2023



**AWS Certified Solutions Architect – Associate - Amazon Web Services (AWS)**

Issued Feb 2022 - Expires Feb 2025



**Amazon Web Services Security Specialty - Amazon Web Services (AWS)**

8VNLYVMLFFQ1QJK0



**AWS Certified Cloud Practitioner - Amazon Web Services (AWS)**

YM298M21HMBEQ55W



**AWS Authorized Instructor - Amazon Web Services (AWS)**



**AWS Certified SysOps Administrator – Associate - Amazon Web Services (AWS)**

Issued Oct 2022 - Expires Oct 2025

## Skills

Red Hat Linux • RHEL • Linux • Solaris • Servers • RedHat • Cloud Computing • RHEV • Unix  
• Virtualization

## Honors & Awards



**Solutions Architect of the Year - Red Hat**

May 2007

I was awarded solution architect of the year for FY07 by my management team at Red Hat.