

Aaron Dewell

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Summary: An experienced network professional holding various industry certifications, 10+ years experience, also with some management experience.

Objective: Consulting contracts preferred in design, planning, and deployment of networks or changes. Permanent positions also desirable, in a technical lead or early management role.

Consulting Experience

(2008) Design and deployment of a complete replacement network for a country-wide ISP (Saudi).

(2007) Presentations to various regional ISPs regarding MPLS, QoS and TE (UAE).

(2007) Preparation of network design documents for regional ISPs (Pakistan, Spain)

(2007) Deployment of replacement routers for a national (monopoly) ISP.(Oman)

(2006) Deployed a new network with new equipment for a financial services company. MPLS, High Availability, and multicast.

(2006) Proof-of-concept for Video-over-IP, pre-sales. Point-to-Multipoint over MPLS.

(2006) Deployment of M320 routers as security/port-mirroring devices, 1 Gb/s inline.

(2006) Prepared lab/learning materials for engineers learning JunOS.

(2005) Assisted a large telecommunications provider with multiple legacy router replacements, changing from Cisco to Juniper.

(2005) Worked with a tier 2 ISP transitioning their network from legacy ATM/Cisco to MPLS multiservice/Juniper network. Assisted with new product development and provisioning tool testing and deployment.

(2004) Streamlined a regional multi-city dial-up (tier 3) ISP's network and server operations as much as possible within the budget constraints for the project. Tightened security on both the network and servers (cisco).

(2003-2004) Performed the technical start-up of a high density dial-up ISP. Email, authentication, DNS, routers, access servers, and UNIX servers were all a part of the project (nortel).

(2003) Created and tested a network and server design for a startup web-based email company. Researched and provided data on colocation providers in the DC metro area (juniper).

(2000) Converted a dial-up ISP from an older, flat network design to a more scalable setup. Converted from Windows servers to Linux. Also assisted them in changing upstream providers.

(1999) Performed the technical startup of a VoIP company with a statewide presence.

(1997-1998) Transitioned a medium sized university from a legacy flat 10mb network onto a high capacity routed backbone, plus new Linux servers to handle their growing staff, student, and faculty needs. All internet and intranet services moved to the new platform (linux routers/servers).

Professional Experience

4/2008 –

BAE Systems, Inc. Principal Engineer II

Subject matter expert in networking, providing support to various projects with government clients. Design and deployment of prototype networks.

1/2006 – 4/2008

Woods Networking Consultants, Inc. Senior Network/Systems Consultant
Network and Systems consulting. Staff and project management.
Technical sales. Various projects, with emphasis on
Juniper Networks' routers.

At times subcontracted to Juniper Networks, Inc. as a Professional Services Consultant, in 2006 in USA, in late 2007 based in Dubai.

- 11/2004 – 8/2005 Xspedius Communications, Inc. Network Engineer III
Network engineering and Tier III support (Juniper).
Solaris and Linux administration.
- 7/2001 – 11/2004 Woods Networking Consultants, Inc. Senior Network/Systems Consultant
Network and Systems consulting. Staff and project management.
Technical sales. Various projects, mixed Cisco, Juniper,
and server applications.
- 9/2000 – 6/2001 Juniper Networks, Inc., Field Support Engineer
Onsite support for Juniper routers. Telephone/email support. Technical
lead and training. Lab design and administration.
- 5/1997 - 8/2000 Greatland Internet Services, Inc., System/Network Administrator
ISP technical startup. Systems, network, and dial-up operations. Office
and staff management. VoIP network design and implementation.
- 6/1992 – 6/1996 University of Utah, Computer Science Department, System Operator
UNIX help desk. UNIX administration.

Relevant Technical Skills

Routing hardware	Juniper, Cisco, PC (linux)
Routing Protocols	BGP4, MBGP, IS-IS, OSPF
UNIX Systems	Linux, Solaris, HP-UX, IRIX, FreeBSD
Network Protocols	IPv4, IPv6, PPP, VPN, IPSec, tunnels
MPLS	RSVP, LDP, static, l2vpn (martini/kompella), l3vpn
Programming	C, C++, Perl, PHP, HTML, C and Bourne shells
Internet Services	DNS, Web, eMail
Internet Software	Apache, BIND, Squid, NcFTPd, ProFTPD, Postfix
Authentication	Radius, CiscoSecure
Database Admin	MySQL
Security	UNIX/Network hardening, SSL/TLS, IPsec, SSH, Firewalls, PGP
Communication lines	DS1, DS3, SONET, ATM, Frame Relay, Ethernet
Monitoring Software	MRTG, Tklined, RRDtool, HP OpenView, SunNet Manager
Management	Staff, Project, Office management, Technical training.
SAN	Panasas, Netapp, EqualLogic

Industry Certifications

- Juniper Networks Certified Internet Expert (JNCIE-M) #46
- Juniper Networks Certified Internet Professional (JNCIP-M) #46
- Cisco Certified Network Professional (CCNP)
- Cisco Certified Design Associate (CCDA)

Qualifications

- Highly motivated; committed to top quality designs and use of best products.
- Well-versed in the industry and available technology.
- Enjoy the challenge of new projects and new problems to solve.
- Able to handle multiple priorities and multiple, simultaneous projects.
- Experienced in business operation and in management of personnel and projects.

Education: B.S., Mathematics, University of Utah, May 2003

Marital Status: Single

Languages

English	Native
Spanish	Proficient (8/10)
French	Rusty, need practice (5/10)
German	Learning (3/10)
Started Italian, Polish, and Mandarin Chinese (1/10)	