

Benson Schliesser

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INTRODUCTION

I am an Internet and network technology subject-matter expert and an IT services thought leader. I have more than 15 years of professional experience, much of that spent developing infrastructure and products for Internet and Cloud service providers.

EXPERIENCE

Savvis, Inc. — St. Louis, MO, US

Technical Vice President, Office of the CTO — 2006-Present

As the network technology leader in the Office of the CTO, I report directly to the Chief Technology Officer and am responsible for strategy and planning, product portfolio leadership, new technology evaluation, and M&A support. I provide technology leadership guiding the direction of all network-related activities, and actively investigate new technologies, products and vendors. Notable projects in this role have included the design and deployment of Savvis' *Cloud 2.0* network environment supporting Fibre Channel over Ethernet (FCoE) and dense Virtual Machine (VM) deployment, the development of a virtualized private DNS platform for Cloud services, and the research and design of Savvis' \$30M+ Next-Generation Network (NGN) providing QoS-enabled MPLS services worldwide.

Senior Network Technologist — April 2004 - June 2006

In the role of Senior Network Technologist I was a member of the Advanced Planning team, which was responsible for technology leadership representing the Office of the CTO. Notable projects include the version 2.0 and 2.1 re-designs of the datacenter network environment (referred to as the Hosting Area Network) for Savvis' nearly 30 datacenters, and the development of a next-generation customer WAN aggregation architecture with *Layer-2.5* QoS capabilities.

Director of Research & Development — January 2001 - April 2004

Managing a small team of 3 engineers, I was responsible for the development of network service products and platforms. Amongst other projects, my team successfully deployed a 24 node global dial-up network based on Nortel CVX platforms and proprietary RADIUS software, using the Layer-2 Tunneling Protocol (L2TP) to connect users to appropriate VPN environments. As an individual contributor I developed the standard QoS architecture for all Savvis network products, still in use today, and helped architect Savvis' first datacenter network environment coined the Hosting Area Network (HAN).

Senior Network Engineer — July 1999 - July 2001

Shortly after joining Savvis I was asked to join the Network Engineering team as a Senior Network Engineer responsible for backbone connectivity. In this role I helped integrate two distinct ATM networks consisting of hundreds of Lucent switches, researched and planned the deployment of a \$150M Nortel-based domestic-US fiber DWDM backbone, and helped deploy a global network of 80+ virtual-router platforms in support of Savvis' first Layer-3 VPN service.

Senior Systems Engineer — May 1999 - July 1999

I joined Savvis as a Senior Systems Engineer responsible for the management of all Unix-based services, which included dozens of network element management platforms, mail, and customer DNS services. The services were primarily based on Sun servers, with some Linux, and various network load-balancers.

InLink Communications — St. Louis, MO, US

Systems Programmer — August 1998 - April 1999

As the Systems Programmer at InLink I was responsible for the development and support of all customer portal and back-office software systems, including the development and implementation of a complete Operations, Support, & Billing platform supporting over 4,000 users. This environment was developed in a combination of VB, ASP, Perl, and Bash shell scripts with a proprietary inter-process communication interface.

Web Programmer — April 1998 - August 1998

I supported the artistic & web design staff with back-end software development needs, such as the creation or customization of shopping-cart platforms, online catalogs, and user management tools. The primary development language was Perl, using a self-developed CGI library for web interaction.

Senior Support Engineer — January 1998 - April 1998

In the role of Senior Support Engineer, I was the acting-manager of InLink's night-time support staff of 3-6 engineers, and was responsible for escalations of all network, systems, and customer issues.

University of Missouri - St. Louis (UMSL) — St. Louis, MO, US

Systems Administrator — October 1997 - March 1998

As the systems administrator for UMSL's Computational Chemistry Lab I was responsible for the administration of all hardware and software in support of post-doctoral staff and graduate student research. The lab was primarily composed of SGI workstations and servers running Irix.

BPC Internet — St. Louis, MO, US

Co-founder, Network Systems Engineer — January 1995 - April 1997

I was co-founder of this local dial-up ISP, for which I designed, implemented, and supported all technical aspects of the business supporting nearly 1,000 users. My responsibilities included the dial-up network environment, mail and web services, and operations support & billing software. The environment was built inexpensively with Cisco routers, USB modems, and Linux-based server platforms.

EDUCATION

Washington University, Olin Business School — Executive Education, *Leading Innovative Teams*, December 2009

University of Missouri - St. Louis — Attended, 1997-1998, 2003

PUBLICATIONS, WORKS IN PROGRESS, & PRESENTATIONS

B. Lozano, **B. Schliesser** & S. Mandava, "Enterprise Use-Case Roundtable", CloudCamp St. Louis Conference, December 2009.

M. Morrow, **B. Schliesser**, et al., "Panel: Emerging Technologies and Business Architectural Impact", MPLS 2009 Conference, October 2009.

B. Schliesser & T. Nadeau, "Definition of Textual Conventions for Virtual Private Network (VPN) Management", IETF RFC 4265, November 2005.

S. Hares, P. Muley, K. Patel, L. Fang, **B. Schliesser** & N. Bitar, "Co-operative Route Filtering capability for BGP-4", IETF 64 Conference - Presentation to the IDR Working Group, November 2005.

S. Hares, P. Muley, K. Patel, L. Fang, **B. Schliesser** & N. Bitar, "Co-operative Route Filtering capability for BGP-4", Work In Progress, IETF Internet-Draft draft-muley-idr-orf-order-02, October 2005.

J. Laria, E. Stelzer, S. Hancock & **B. Schliesser**, "Virtual Router Management Information Base Using SMIv2", Work In Progress, IETF Internet-Draft draft-ietf-l3vpn-vr-mib-04, July 2005.

A. Nagarajan, J. Sumimoto, M. Suzuki, P. Knight & **B. Schliesser**, "Applicability Statement for Virtual Router-based Layer 3 PPVPN Approaches", Work In Progress, IETF Internet-Draft draft-ietf-l3vpn-as-vr-01, February 2004.

RELATED EXPERIENCE AND MEMBERSHIPS

CloudCamp St. Louis organizer – 2009 - Present

Member of the IEEE Communications Society (ComSoc) 2005 – Present

IETF participant, multiple working groups – 2000 - Present

Member of the Internet Society (ISOC) – 1999 - Present

Member of the Waterloo, IL School District (CUSD#5) Technology Planning Committee 1994 – 1996

REFERENCES

Available Upon Request