

Dima Litvin

• Glenwood Ter., Fords, NJ 08863 •

• Phone: [REDACTED] • E-mail: [REDACTED] •

Datacenter Infrastructure Architect • Network and Security Engineer • Team Leader

Cisco Networks • Cisco and Checkpoint Firewalls • IBM Blade Centers • SAN Fabrics

Highly accomplished Datacenter Network and Security engineering professional with 20+ years of experience in designing, deploying, migrating and supporting critical multi-site redundant datacenters. Expert at leading complex multistage projects. Proven ability to manage all phases of project life: inception, documentation, procurement, deployment, and turnover for monitoring and administration.

Outstanding mentoring skills. Exceptional technical-to-business communication skills. Strong analytical and problem solving skills utilizing logical and systematic approach. Ability to work as a team member or individually. Proven leadership skills. Excellent presentation skills (MS PowerPoint and MS Visio). Capable of making critical decisions while under pressure and assuming responsibility for results. Outstanding customer service skills. Excellent writing and verbal communication skills.

Known for exceptional competence in following areas:

- **Leadership:** Consistently commended by company executives, colleagues, and peers for strong work ethic and ability to finish extremely complex jobs on schedule.
- **Technical:** Successfully designs highly scalable secure and redundant network environments utilizing most current hardware and software revisions from leading vendors.
- **Documentation:** Creates easy to follow step-by-step procedural documentation and easy to read Visio diagrams for environment turnover to end user.
- **Communication:** Using PowerPoint presentations and outstanding writing and communication skills efficiently delivers complex technical subject matter to non-technical business area management.

Areas of Expertise and Technical Skills

Hardware:

Cisco routers: 2600, 2800, 3600, 3800, 7200
Cisco switches: 3550, 3560X, 4500, 4900, 6500 SUP 2A/720
Cisco firewalls: PIX 500/ASA 5500 v.7.0 - v.8.2
Cisco VPN concentrators: 3020-3060
Cisco Nexus switch family: 1000v, 2000, 5500, 7000, 4000i
Cisco SAN Fabric directors MDS 9509/9513
Cisco SAN Edge switches MDS 9140/9124/9134/9148
Nokia Security Appliances IP290(7), IP560(7)
Checkpoint SG and Smart-1 Appliances
IBM e-Series and h-Series Blade Centers
IBM Proventia IPS appliances 4004, 5008, 7412

Software:

Cisco CatOS, IOS, SAN OS, NX OS
Windows, Unix, and Linux operating systems.
Nokia IPSO 4.2, 6.2 (Voyager and CLISH)
Nokia IPSO Cluster / VRRP Firewall Clusters
Checkpoint Secure Platform (SPLAT)
Checkpoint NG FP3 - NGX R75.40
Checkpoin GAIa
VMware ESX 4.1-5.0 and Workstation 6.0-8.0
Mazu/Cascade, Arcsight, CA Unicenter/Service Desk
Sniffer Infinistream, Ethereal/Wireshark
Cacti, CA eHealth and Spectrum

Protocols:

Fibre Chanel, FCoE, FCIP, VPC, OTV, Fiber-Path, EIGRP, BGP, OSPF, STP, VTP, HSRP, GLBP, VRRP, IPSec, NAT/PAT

Professional experience

06.2003 – Present

ISO, Inc.

Jersey City, NJ

Senior Network Communications Engineer / Datacenter Infrastructure Architect

2012: Technical lead on SAN Migration project. The goal is to decommission MDS9509 based SAN infrastructure and move servers and storage (disk and tape based) to MDS9513 fabric. Project is still in progress.

Technical lead on SAN Upgrade project. Goals are: a) Upgrade SAN infrastructure from NX OS 4.1(3a) to 5.2(2). b) Upgrade crossbars on SAN core switches to FAB3. c) Realign SAN infrastructure to increase scalability. Project is still in progress.

Technical lead on Checkpoint Upgrade project. The goal is to migrate all gateways and management servers to new hardware and software – Checkpoint SG appliances running GAIa OS and Checkpoint R75.40. Project is still in progress.

Designed IDS/IPS infrastructure deployment on existing network. Solution is comprised of 26 inspection points and is based on several IBM Proventia IPS and Bypass appliances and Netronome SSL Inspector.

2011: Designed and deployed new IBM Blade Center H based datacenter in UK office. Using IBM N3300 storage unit and Cisco MDS9148 SAN switches implemented FCIP storage replication to DR site.

Designed and deployed FCoE implementation for Server Virtualization Project. Design is based on Cisco Nexus 1000v → 4000i → 5548UP switches and 10G CNA cards for blade servers.

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- 2011:** Designed and deployed new architecture for SAN Infrastructure to resolve port count issue on Cisco MDS9513 core fabric switches. Lead all phases of the project from inception to production – planning, coordination, implementation and validation. Upgraded Checkpoint firewall infrastructure to NGX R75. Migrated gateways from Sun Solaris to IPSO 6.2 platform.
- 2010:** Principal architect and technical lead on Firewall Environment Upgrade Project - multiphase high budget effort to migrate home office firewall environment from PIX500/VPN3000 to ASA5500.
- 2009:** Technical lead on Checkpoint Upgrade project. Created detailed upgrade plan, step-by-step implementation documentation, and comprehensive test plan. Performed 2-hop upgrade from NG FP3 on Sun Solaris 8 platform to NGX R65 on Nokia IPSO 4.2. Deployed several IP290 and IP560 Nokia Security Appliances.
- 2008:** Technical lead on Network Backbone Upgrade project. Successfully achieved main goal of the project: eliminate single point of failure of key network components and create highly scalable infrastructure while utilizing existing cabling. Created concept, overall design, detailed diagrams and migration plan documentation. Implemented migration from Cisco 6509 Sup 2A (CatOS) + MSFC (IOS) to Cisco 6509 Sup 720 (IOS).
- 2007:** Created virtual Cisco Lab using GNS/Dynamips software. Lab included 4 ASA firewalls and 16 routers and switches.
- 2006:** Upgraded DMZ infrastructure from Cisco 4006 + 2 Cisco 2811 Routers (HSRP) to Dual Sup 2A Cisco 6509 solution.
- 2005:** Designed and deployed isolated Lab environment for testing purposes of various network solutions of Inside and DMZ. Created easy to read MS Visio diagram of entire network.

04.2003 – 09.2006

B&H Photo Video

New York, NY

Sales consultant, Professional Digital Photo Equipment Department

Assisted individual customers such as wedding, news, underwater and jewelry photographers in selecting photographic equipment to suit their particular photography needs. Solutions included digital SLR, medium and large format cameras, lenses, flashes and other accessories, as well as studio lighting equipment. Attended WPPI '06 as a member of marketing team.

11.2001 – 04.2003

Hill & Barlow, LLC

Boston, MA

Network Engineer, Team Leader

Upgraded company network switches from CatOS to IOS. Deployed Cisco MDS 9140 based storage network (SAN). Administered Cisco PIX 535 v6.3 firewalls. Everyday management of team of three Network Administrators.

10.1995 – 08.2001

GVK - Water Purification Equipment

St. Petersburg, Russia

Director of IT (CTO), Financial Director (CFO), General Manager (COO), Co-Founder

Designed IT infrastructure and carried out installation and maintenance of Windows NT based network. Developed, implemented and serviced Excel based accounting program for the firm. Developed Access based warehouse inventory tracking system. In charge of sales, marketing, advertising, payroll, accounting, IT and HR departments for the company with total staff of 75 employees and annual revenue of \$2M. Personally responsible for budget and contract negotiations and strategic business development.

09.1989 – 10.1995

STEK Electronics

St. Petersburg, Russia

DataCenter Engineer, IT Manager

Built MS-DOS workstations from basic components. Designed, fine-tuned, and tested various hardware schemes. Communicated maintenance schedule and procedures with vendor and negotiated services. Provided troubleshooting, maintenance and customer support.

Education

VMware vSphere: Install, Configure, Manage v.5.0 (VCP)	2012	Global Knowledge	Morristown, NJ
Designing Cisco Storage Networking Solutions (DCSNS) v.4.2	2011	Global Knowledge	New York, NY
Securing Networks with ASA Advanced (SNAA)	2010	Global Knowledge	Morristown, NJ
UNIX/Linux: The Essentials	2009	Verhoef	Jersey City, NJ
Managing Checkpoint NGX R65 on Nokia IP Security Platform	2008	Forsythe	Jersey City, NJ
Securing Networks with ASA Fundamentals (SNAF)	2008	Global Knowledge	New York, NY
CCNA - Cisco Certified Network Associate	2006	Global Knowledge	New York, NY
Computer Science and Robotics, Masters	1992	Electro-Technical University	St.Petersburg, Russia

Fluent in Russian

Citizen of the United States