

# Arkadi Poliakkevitch

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## OBJECTIVES

### IT consultant

## SUMMARY

### 18 years of experience working in USA, Canada, Russia and the Caribbean sea

- Systems administration
  - **UNIX** (HP-UX, AIX, Solaris, Linux, BSD, Mac OS)
  - **Microsoft Windows** servers and workstations
  - **VMWare**
  - Troubleshooting, performance optimization, documentation and change control
- Network administration
  - wired and wireless networks
  - LAN, WAN, VLANs for small, medium and large companies with hundreds of switches, tens of gateways, firewalls, routers (**HP, CISCO, 3COM, Riverstone, NetGear, CheckPoint, pf, ipf, ipfw**), traffic shaping and queuing
  - remote access to corporate networks (**VPN**)
  - Monitoring and troubleshooting of network problems with cable testers and common network utilities such as **ping, arp, netstat, ipconfig/ifconfig, nslookup/dig, tcpdump/snoop, nmap, net-snmp, network monitor** and software embedded into network devices; for example, **Cisco IOS**
- Storage administration
  - **SAN EMC** (Clariion and Symmetrix), including **clusters and Brocade FC SAN** switches
  - **NAS (Network Appliance and EMC filers, including clusters)**
  - **large disk arrays RAID** (IBM, CMD, Infortrend, Arena, Sun/Oracle)
  - **tape drives and libraries** (Qualstar, BreeceHill, Exabyte, Quantum)
  - assessment of the space/performance requirements, deployment, continuous support and upgrade
- Security administration
  - online gambling environment with encryption protocols (**IPSec, L2TP over IPSec, PPTP, SSH, SCP, S-FTP, SSL/TLS, CheckPoint VPN**)
  - user authorization and authentication (**Kerberos, NTLM, Radius, EAP**) and implementation of **Active Directory group policies** in a Microsoft networks
  - penetration testing with **BackTrack** Linux tools to prevent, detect and eliminate security breaches
  - intrusion detection techniques (network analyzers, network sniffers, 'honeypot' networks, MAC and IP spoofing, broadcast storms, DDoS attacks, worms, Trojans, backdoors and spam spreading)
- Software administration of:
  - databases (**Oracle, MS SQL, MySQL, postgres**)
  - email systems (**MS Exchange 5.5/2000/2003, sendmail, S/MIME, PGP encryption and signing**)
  - anti-spam techniques (**DNSBL, Grey Listing, SPF/SenderID, DKIM, spam assassin**)

- web servers (**MS IIS, Apache**)
- tools to support software development (**SVN, CVS, Bugzilla, Wiki, BB, IRC**)
- Data archiving, backup and restore using various tape technologies (AIT, LTO, DLT, Exabyte, VXA), tape libraries manufactured by Qualstar, BreeceHill, Exabyte, Quantum and software (KVS Enterprise Vault, CA ArcServeIT, **Veritas Backup Exec, NetBackup, Legato NetWorker, NT Backup, dump/restore**)
- Programming skills (**C, C++, C#, PHP, VB, VBScript, JS, shell**)
- Network protocols knowledge on the RFC or IEEE level
  - Ethernet 802.1(D), 802.2, 802.3(u,z,as), 802.1q, 802.1x, 802.11(b,g)
  - TCP/IP (ARP, ICMP, IGMP, IP, UDP, TCP)
  - DNS, WINS, NetBIOS, NIS
  - DHCP, BootP
  - NFS, SMB
  - SMTP, IMAP, POP3, HTTP, FTP, LDAP, RPC
  - SSL/TLS, SSH, SCP, SFTP
  - SNMP
  - PPP, PPTP, IPSec, L2TP
  - Kerberos, NTLM
  - WEP, WPA, TKIP, RADIUS, EAP

## **CUSTOMERS I HAVE WORKED WITH**

Comcast, Verizon, PMC-Sierra, Electronic Arts, Future Shop, BCAA, Stantec, Telus, MDSI, Glenayre, GVRD, CRSA, Caterpillar Overseas, Motorola, Servier Pharmaceuticals, Toyota Motor, Delphi Automotive Systems, Allied Domecq, Briggs and Stratton, Philip Morris, Mezregiongaz, colleges, school districts, universities, and hospitals

## **EDUCATION/CERTIFICATIONS**

2003. KVS Enterprise Vault (Archiving software for Exchange) training  
 2003. Brocade SAN training  
 2002. IBM AIX Administrator and p670/p690 Professional training and certification  
 2001. HP 9000 Professional training  
 2000. Network Appliance. Data ONTAP System Administration  
 2000. Network Appliance. Data ONTAP Advanced System Administration and Troubleshooting  
 2000. CompTIA A+ Certification  
 2000. IBM Professional Server Expert  
 1998. Microsoft Certified Systems Engineer + Internet (upgraded to W2K in 2001)  
 1998. Three courses of Hewlett Packard HP-UX 10.x  
 1997. Microsoft Certified Systems Engineer  
 1988 - 1994. Tomsk State University. M Sc. in Engineering Physics

## **LANGUAGE ABILITIES**

- Fluent in both English and Russian. Beginner level of French and Spanish.

## **CITIZENSHIPS**

- Canada, Russia

## **EXPERIENCE**

### **April 2011 – present. Moscow, Russia. Securia Ltd.**

IT consultant.

- Developed Apache/PHP/MySQL e-commerce project <http://www.safetyline.ru/>
- Connected credit card processing via Sberbank using Web services, SOAP, WSDL, WSSE

### **June 2009 – present. Curacao (Caribbean sea). Gamesys N.V.**

IT Consultant for the online gambling company <http://www.gamesys.an/>

### **2008 June – March 2009. Moscow, Russia. Hiteco Ltd.**

System Administrator, Internet/Intranet Security Manager

### **March, 2005 – March 2009. Edmonton, Canada. Princeton, USA. Invidi Technologies Corp.**

Systems Administrator promoted to IT director of targeting advertisement software developing company <http://www.invidi.com/>

### **September, 2003 – February 2005. Edmonton, Canada. University of Alberta.**

Senior Network Administrator, Group Leader. <http://www.ualberta.ca/>

### **December, 1998 – August. 2003. Vancouver, Edmonton, Canada. Zentra Computer Technologies Inc.**

Systems Analyst, Project Manager of Storage and High Availability Solutions for Windows and Unix platforms <http://www.zentra.com/>

### **March, 1998 - September, 1998. Moscow, Russia. FM Technology LLC.**

Technical Consultant. Year 2000 consulting project at Philip Morris Management Services

### **October 1997 - February 1997. Moscow, Russia. "Lot" Ltd - subsidiary of IBS.**

Systems Engineer. Installation of hardware and software in Mezregiongas offices

### **1996 - 1997. Tomsk, Russia. Computer Service HUB Ltd.**

Technical Director. PC manufacture, sell and support.

### **1994 - 1996. Tomsk, Russia. Ottis Ltd.**

Systems Engineer. Manufacture, support and repair of personal computers and peripheral equipment, client support