

WORK EXPERIENCE

Network Administrator

"Unifun" Company, Republic of Moldova

2014 December - June 2017

- IPSEC site-to-site VPN configuration using Openswan application on Linux servers ;
- Firewall configuration on servers, restricting access via Iptables , create access for end-users using NAT table (SNAT and DNAT) of Iptables and managing rules;
- Instalation/configuration/troubleshooting Linux servers (Ubuntu, CentOS, Red-Hat);
- Configuration/troubleshooting of static routes on Linux servers, creating additional routing tables and rules;
- Compiling KANNEL SMS Gateway, configuring and connecting to SMSC over SMPP protocol as ESME;
- Compiling Asterisk server and SIPs configuration, Asterisk maintenance and support, incident and problem handling;
- Installing and configuring all needed software and services/servers such as FTP, SFTP servers, web servers Apache / Nginx, MySQL, PHP-FPM, NRPE, OpenVPN, Asterisk, KANNEL etc;
- Network redundancy configuration using Bond, Keepalived (VRRP) application on Linux servers;
- Managing Mysql users, creating new users and giving rights them to the necessary databases/tables;
- Making complex server configuration, starting from installation of new Linux and Windows OS (via iLO or directly), up to launching the project, and server administration throughout life time of project. Diagnosis, troubleshooting and identification of problems of OS, software, hardware, and network;
- New equipments (servers/network equipments) integration/configuration in data centers of operators and participation of elaboration the plan of integration.
- Troubleshooting, designing and implementing solutions, working with mobile operators and colleagues from other countries;
- Working with virtualization VMware ESXi / Proxmox , creating and managing virtual machines, network configuration using VLANs (Trunking mode);
- Advanced practice in monitoring of all company's services and servers (Nagios, over 150 servers and over 6000 services in 60 countries with 60+ mobile operators);
- Writing BASH scripts for monitoring or for automatization of some processes and actions;
- Cisco equipment configuration (switches L2 or L3 and routers) DHCP, NAT, VLAN, IPSEC, HSRP, SPAN, RSPAN, SSH, STP, Static routing;
- Configuration/troubleshooting Local Area Network of company and monitoring it using Zabbix sever with SNMPv2 protocol;
- Configuration of SQUID proxy server as transparent for Local Area Network;
- Remote VPN: configuration L2TP over IPSEC on Ubuntu server.

Successful maintenance over 150 production servers located in 60 different countries and supporting them in 24/7 on-call rotation.

Internet Technician

"Starnet" Company, Republic of Moldova

July 2014 - December 2014

- Installation of Internet equipment, including routers/switches/servers/network cabling;
- Installation of IPTV equipment, including TvBox;
- Performing basic personal computer (PC) and Local Area Network (LAN) setup and repair;
- Assisting customers with initial PC configuration, demonstrating IPTV functionality.

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Technical Support

“Moldtelecom” Company, Republic of Moldova

February 2014 - July 2014

- Responsible for taking incoming calls from end users;
- Gathering customer’s information and determine the issue by evaluating and analyzing the symptoms;
- Diagnosing and resolving technical hardware and software issues involving internet connectivity for internet clients, IPTV;
- Redirecting problems to appropriate resource.

EDUCATION AND TRAINING

Master's degree in “Database and Knowledge”

2008 - 2011

Moldova State University, Department of Mathematics and Informatics

Bachelor's degree in “Informatics”

2004 - 2008

Moldova State University, Department of Mathematics and Informatics

CCNA Routing and Switching

2013 - 2014

Cisco Networking Academy

CERTIFICATION

CCNA Routing and Switching

MAY, 2017

https://www.youracclaim.com/badges/804b2972-4990-44db-8ca7-2a13952ff8d1/linked_in

TECHNICAL SKILLS

- **HARDWARE:** HP servers, Cisco Routers, Cisco Catalyst Switches
 - **NETWORK PROTOCOLS:** TCP/IP, OSPF, EIGRP, RIP, BGP, DHCP, ARP, HSRP, VRRP, GLBP, VLAN, STP, PVSTP+, RPVST+, LACP, PAGP, CDP, LLDP, ICMP, SPAN, RSPAN, NAT, PAT, DNAT, DNS, VTP, DTP Static Routing, Inter-VLAN routing.
 - **WAN:** PPP, HDLC, PPOE, DMVPN
 - **VOIP/MESSAGE PROTOCOLS:** SIP, RTP, SMPP
 - **SECURITY:** OpenVpn, IPSEC, GRE, Remote VPN (L2TP over IPSEC), ACL, Port Security, Iptables
 - **OPERATING SYSTEMS:** Debian, Ubuntu, CentOS, Red-Hat, Windows 7,8,10.
 - **STORAGE:** NFS, ISCSI, Logical volume management: LVM, knowledge of RAID 1 and 10
 - **MONITORING TOOLS:** Nagios, Zabbix
 - **NETWORK TRAFFIC ANALYZER:** Wireshark, Tcpcdump
 - **SERVERS:** FTP, SFTP, TFTP, Web Servers: Apache/Nginx, Asterisk, MySql
 - **VIRTUALIZATION:** VMware ESXi, Proxmox
 - **CLOUD COMPUTING:** AWS Amazon

LANGUAGE

- French, English, Romanian, Russian