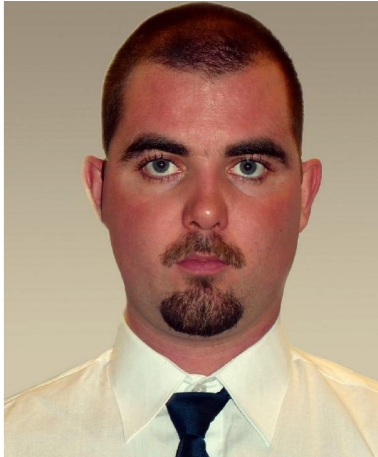




PERSONAL INFORMATION

**Norbert Nagy**

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 Skype nnoorcee

JOB APPLIED FOR

System, Network, Database Engineer, IT security specialist

WORK EXPERIENCE

January 2014

**IT Network Engineer**

Hypotheeken Bank

Implementing Cisco Medianet and Performance Monitoring in the Network, via cisco flexible netflow and cisco prime infrastructure 2.0.

Hardware/Tools: Cisco Catalyst Switches, ISR and ASR Switches, Cisco Prime Infrastructure 2.0

01 July 2013 – 28.02.2014

**IT Network Engineer**

Messer Information Services, Gross Umstadt

Datacenter analysis, (re)design, configuration, implementation. Optimization of the Voice network. Rebuilding 2 datacenters network architecture based on cisco nexus datacentre switches. Rebuilding and optimizing Checkpoint Firewall clusters.

Hardware/Tools: Checkpoint 21000 mit core XL, Cisco Nexus 7000, 5548, Cisco Catalyst 6500, vPC, MPLS, OSPF, VSS, VRF, FEX, Policy based routing, troubleshooting

05 Sept 2013 – 30. Sept 2013

**IT Network Engineer**

Robert Bosch GmbH, Stuttgart

Design and Implementation in 2 Datacenters with 3 level firewall protection. (Internet, VPN and partners). Firewall clustering and VPN load balancing with Cisco ASA Firewalls. Routing and Switching with Cisco Catalyst und ASR devices. Central Radius and Tacacs+ authentication with Cisco ACS 5. Network interconnect between the 2 corporate networks. Project has been finished, because the migration has been finished.

Hardware/Tools: Cisco Catalyst 6500, 3750, Cisco ASR 1000 series Routers, Cisco Blade Center Swiches, MPLS, OSPF, VRF, ASA 5525X, 5545X, Troubleshooting, Ipsec and SSL VPN, NAT, Cisco ACS 5.3



01 April 2013 – 31. July 2013

### IT Network Engineer

Deutsche Telekom, Darmstadt

Maintenance, administration, optimization and development of the IP TV (Entertain) network of the ESOC datacenter systems and services. Planning and working with network changes. Network (Re)design and implementation. Ensure the daily uninterrupted operation of the unicast and multicast networks. Plan and prepare the migration of the networks onto IPv6. Documentation.

Project has been ended because Telekom has sent away the external workforces.

Hardware/Tools: cisco Nexus 7000, Cisco Catalyst 6500, Cisco ASR 9000 Series Routers, vPC, MPLS, OSPF, VSS, VRF, FEX, ASA Firewall Service Modules, Multicast Routing, PIM, PIM SSM, MSDP, Troubleshooting

18 February 2013 – 31 March  
2013

### IT Security Administrator

Deutsche Bank, Frankfurt am Main

Operation and troubleshooting with IT security appliances, such as firewalls, proxies, IPS sensors. Extend and implement new firewalls with new security concepts.

Project has been ended because it was a substitution mission.

Hardware/Tools: Checkpoint firewalls, Checkpoint Smartserver, Checkpoint Domain Manager, Juniper IPS sensors

11 October 2012 – 17 February  
2013

### Network and Security Engineer

European Centralbank, Frankfurt am Main

Design, configuration, implementation, test and starting of a new network for 13000 users and 2 datacenters. Based on Cisco Nexus and Catalyst switches, Checkpoint firewalls. Documentation in english.

Project has been ended because the expected result has been reached.

Hardware/Tools: Cisco Nexus 7000, Cisco Catalyst 4500, vPC, VDC, MPLS, OSPF, 802.1x, Cisco ISE, Cisco ACS, FEX, VoiP, WLAN, Checkpoint: 61000, 21000, Smartserver

11 September 2012 – 01  
December 2012

### T Network and Security engineer

Areal Bank, Wiesbaden/Mainz

IT backbone, Frontend and Firewall System migration. Planning, tests, implementation and starting of a 3 level security cluster system. Plan and write a migration concept, prepare and built in the new firewalls and switches. Configure the 3 Cisco ASA clusters with 14 Cisco switches. Implement the monitoring and management with SNMPv3.

Project has been ended because the expected result has been reached.

Hardware/Tools: Checkpoint, Cisco ASA 5585, Cisco Catalyst, Cisco Routers, VPN, NAT, Firewalling, Switching, Routing, SNMPv3

01 July 2012 – 17 August 2012

### IT Security engineer Managed Security Services

Swisscom, Zürich (Switzerland)

Security System Maintenance, Troubleshooting of IT Security Appliances, such as Firewalls, Proxies, IPS Sensors. Network extension and appliance implementation by security concepts

Project has been ended because it was a substitution mission.

Hardware/Tools: Cisco ASA, Juniper Firewalls, Checkpoint Firewalls, Barracuda Firewalls, Bluecoat Proxy, Cisco and Netscreen IPS Sensors, Cisco CSM, Juniper NSM, F5 BigIP



03 May 2012 – 06 May 2012

### SAN Switch Engineering

Infraserv Höchst, Frankfurt am Main

Firmware update and Optimizing of Cisco MDS SAN Switches in high availability production Datacenter environment, without downtime. Install and configure the newest version of Cisco Datacenter Network Manager. Integrate the devices into the new system. Project has been ended because the expected result has been reached.

Hardware/Tools: Cisco MDS 9000 series SAN Switches, Cisco SAN OS 3.x, Cisco NXOS für MDS 9000 5.x, Cisco Fabric Manager 3.x, Cisco Datacenter Network Manager 5.x

01 March 2012 – 31 May 2012

### Wireless LAN Engineer

Lufthansa Systems AG, Kelsterbach

Planning, Implementing, Testing of WLAN solution network optimized for voice and videodata traffic. Engineer and implement a WLAN based On Board Entertainment System (video, radio and internet) for aircraft.

Project has been ended because the expected result has been reached.

Hardware/Tools: Motorola 7131 Access Point, Wireless QoS, Wireless Intrusion Prevention, 802.1x, EAP-TLS, Radius, LDAP

01 January 2012 – 30 April 2012

### LAN/WAN Engineer

Prego Services Ltd., Ludwigshafen

- Planning and Implementation of new network parts (Datacenter LAN, IpSec based WAN)
- Datacenter network maintenance
- Firewall migration Checkpoint → Cisco ASA
- Cisco CUCM environment migration (7.0 -> 8.0), extending of VoIP networks.

Hardware/Tools: Cisco Catalyst 6500 with FWSM, Cisco PGW Software Switches, Cisco Nexus 2000, 5000, Cisco ASA5505-5520-5580, Cisco Secure ACS, Cisco VPNs, Checkpoint. Cisco Unified Communications Manager, IPv6, CUCM 7.0 und 8.0

01 July 2011 – 31 December 2011

### Datacenter, LAN/WAN administration and development

Freudenberg IT, Weinheim

- Design and develop new networks. (Datacenter LAN, IpSec based WAN)
- Configure and build in Switches, Firewalls
- Firewall migration Cisco Pix → ASA
- Network maintenance, Monitoring, Problem analysis, Changemanagement

Hardware/Tools: Cisco 7206, 3845, 878, 2811, 1841, 1941, Juniper Netscreen ISG 1000-2000, Cisco Catalyst 2960-S, LAN Security, Cisco Nexus 2000, 7000 Cisco ASA 5505-5520-5580, Cisco Secure ACS, Cisco VPNs, RSA, Riverbed WAN speed up systems, VoIP Cisco base

01 November 2010 – 15 January  
2012

### IT network engineer

EWETel Ltd, Nordcom Niedersachsen, Oldenburg

Network Design and Implementation:  
As part of a nationwide project (3000 sites):  
Analysis of the old networks

Preparation phase (design and testing in the lab):  
LAN environment for different site types



Automatic provisioning of switches with the specific configuration (Rolloutprocess)  
Network access process (end devices via MAC authentication and certificates)  
Parameters for connection to the Network Management System  
Network profiles, especially at locations with various customer groups  
Planning, Implementing and Tests in VoIP and VoIP over WIAN themes.

Rollout:

Planning of specific locations  
Preparation of each individual configuration  
Interrogation of required parameters for the creation of the configuration  
Selection of the appropriate components on the basis of the results of preparatory phase  
Hardware/Tools: Alcatel-Lucent Switches (6500, 9000 series), Alcatel Voip, Aruba Wireless Controller and Access Points, Switching, Vlan, Port-Security, 802.1x, RADIUS, Cisco ASR 1000 series Routers VRF, PoE, IP Telephony.

01 October 2010 – 01 November  
2010

### VPN Network Design and implementation, Trafficanalysis, Tuning, QoS desing and realizing

Germania Factoring AG, Dresden

Design, Implementation and configuration of VPN connection between primary and backup data centers. Packet classification and prioritisation with Cisco QoS Technology.  
Project has been ended because the expected result has been reached.  
Hardware/Tools: Cisco ASA Firewalls

15 October 2010 – 25 November  
2010

### VPN Network Design and implementation

Betonsysteme Zeithain, Zeithain

Design and build a business network between multiple companies based on VPN with Cisco technology, configuration of the active devices.  
Project has been ended because the expected result has been reached.  
Hardware/Tools: Cisco ASA Firewalls

01 September 2010 – 30 June  
2012

### DataCenter administration and migration

T-systems International GmbH, Dresden

- Administrate the Cisco IOS and NXOS Switches
- Administrate VTP domain, VLAN setup
- Spanning Tree Administration (MST Instances)
- Configuration /Administration / Troubleshooting on Nortel and F5 loadbalancer (including SSL)
- Create and manage certificates for network devices
- Analysis of network problems through packet captures
- Configuration /Administration / Troubleshooting on firewall instances (Security Context)
- Extension of the firewall instances during the operation
- Centralized logging of network components
- Log analysis for troubleshooting in the network area
- Central configuration via tftp attitude, management / administration tftp-server
- Administration / Troubleshooting SSL VPN, IPSec VPN on ASA5510 and JuniperNetscreen ISG 2000 with NSM.
- Support forSSL-VPN Client (AnyConnect)
- Connectivity of server systems using Etherchannel (PAGP, LACP)
- Administration RADIUS server to authenticating users



Hardware/Tools: Cisco Catalyst 4500, 3500 und 2900 Series Switches, Nexus 5000 with Fabric Extenders (FEX), Cisco ASA 5585, Cisco ASA 5510, Juniper ISG 2000, Tufin, S2S VPN, Remote Access VPN, Firewall Implementation, VLAN, Port-Channel, Linux, Unix, F5, Syslog-ng, DNS, DHCP, SNMP.

01 September 2008 – 31 August  
2010

### Network Implementation

SL Software Consult, Darmstadt

Planning, building, configuration, of a complete Office LAN, WLAN and network services.

- Planning and Administration
- Configuration and Installation

Hardware/Tools: Cisco 1800 series Router, Cisco Catalyst 3750E, Linux, FTP, DNS, DHCP, Samba, LDAP, RADIUS, 802.1x, VLAN

01 September 2008 – 31 August  
2010

### System Administrator

T-Systems International GmbH, Darmstadt

Package build and installation of Telekom applications, maintenance and administration of servers belonging to these software, on Solaris and Linux platforms. Error management via trouble tickets. Customer communication. Project Life Cycle Management via IBM Rational Tools.

- Administration and Installation
- Project Tracking, Troubleshooting
- Deployment, Version Control

01 August 2007 – 31 August 2008

### 2nd and 3rd level support

T-Systems International GmbH, Pecs (Hungary)

Monitoring and maintenance of the active devices of the network of German Post, DHL, McDonalds and Daimler Chrysler. Error management via trouble tickets. Active customer communication.

- Network monitoring
- Active device control and configuration (Routers, Switches, Access Points)
- Device, user, group mapping and adaptation of user profiles, personal device settings for users on Cisco Call Manager 5 Cisco IP desk phone with Phone Control Software

01 September 2006 – 30 June  
2007

### Network and system administrator, teacher

University of Pecs, Pecs (Hungary)

Maintenance of the server and client systems of the university, teaching

01 February 2005 – 31 August  
2006

### Network and System Administrator

Kanizsanet 2000, Nagykanizsa (Hungary)

Maintenance of the server and client systems, Database administration. Planning and development of the computer networks.



## EDUCATION AND TRAINING

2011 **Cisco Certified Network Professional** EQF level 7  
Pearson VUE

CCNP is a professional or "journeyman" level networking certification. Cisco created the CCNP to recognize advanced skills in computer networking, particularly for installation and support of medium-sized and big-sized LAN/WAN networks.

2010 **Cisco Certified Network Associate** EQF level 6  
Pearson VUE

CCNA is a popular certification in computer networking developed by Cisco Systems. Cisco created the CCNA to recognize basic competency in installation and support of medium-sized networks.

- [LAN](#) and [WAN](#) design (including the [OSI model](#))
- [IP](#) addressing
- [routers](#) and routing [protocols](#) (including OSPF, EIGRP and RIP)
- VLAN (virtual LAN) and [WLAN](#) (wireless LAN)
- network security and management (including ACLs)

01 September 2005 – 30 June 2007 **Master of Science in Information Technologie** EQF level 7  
Pannon University

Thesis:

Storing a big amount of malicious codes in **distributed**, replicated database management system.

2004 **IBM Certified DB2 Database Associate**

- Database planning and security
- Data Manipulation and access DB2 UDB Data
- Working with DB2 UDB Data
- Working with DB2 UDB Objects
- Data Concurrency

01 September 2002 – 30 June 2005 **Bachelor of Engineering in Information Technology** EQF level 5  
Pannon University

Thesis:

Data replication and database security on DB2, MS SQL and Oracle databases



PERSONAL SKILLS

Mother tongue(s) Hungarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	C2	C2	C2	C2	C2
English	B2	B2	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user  
[Common European Framework of Reference for Languages](#)

Communication skills

- Team Spirit
- Enjoy working with people of all nationalities
- Openness and communication skills

Organisational / managerial skills

- Flexibility and determination
- Particular stress resistance
- The ability to find innovative solutions quickly
- A wide range of organizational experience

Job-related skills

Competent advice is the basis of my work. The customer and his needs isparamount.

Computer skills

AOS; Apache; Automatisierung-Scripting; Avocent Terminalserver (CAS); Bacula; BASH; BATCH; BAYSTACK Switche; BEA Weblogic; BGP;Bintec; C; C##; CAT5/CAT7; Cisco ASA5580, 5510, 5505; Cisco Call Manager; CiscoCatalyst 2950G/2960G-S; Cisco Catalyst 3560G/3750G Serie; Cisco Catalyst 4500,6500; Cisco C7206, C3845,C878, C2811, C1841; CISCO EZVPN; CiscoPix-501/506E/515E; Cisco RVS4000; CISCO S2S VPN; Citrix Metaframe; DHCP; DNSServer; Domain Controlling; DSL; Ethernet; Frame relay; HP Openview; IBM DB2;IBM Rational Clearcase; IGRP; IOS; IOS DHCP; IOS FIREWALL; IPplan(Hostverwaltung); ISDN; ISS Proventia (IPS); JAVA; JAVASCRIPT; Juniper Netscreen Firewall; LANWAN/WLAN; Lantronix Consolenserver; LaserNetzwerkgeräte; LDAP; LINUX DHCP; M\$ DOMAIN; M\$ SQL; Mailman; Mantis;Mediawiki; Mikrotik Router OS; MPLS; Nagios mit NoMa; NAT; Nexus 1000V; Nexus5000; NFS; Nortel Alteon Loadbalancer; Nortel Switches; Northon Ghost; NovellNetware; Oracle; POLICY ROUTING; RADIUS; Remedy Tools; RIP; SAMBA; SFTP; SNMP;Solaris; Spectrum. Oneclick; SSH; STP; TACACS+; Telnet; TOAD; Token Ring;Tomcat; UNIX; UTP; VLAN; VmWare; VRF; vSphere; WEP; WINDOWS; WLAN; WPA. ; XOS;Alcatel-Lucent Ominswitch 6800/7700/9000(E); Nexans Gigaswitch V3; OSPF; VLAN; VmWare Virtual Center, Cisco ASA next generation firewalls, Cisco Nexus 5000 and 7000 series switches, Cisco nexus 2000 fabric extenders, Multicast Routing,