

ALEX NASTAS

Network Engineer/Technical Marketing Expert
13 Years Professional Experience

Toulouse Area, France
alex.nastas@gmail.com
+33(0) 67 00 22 11 5

Employment

NOKIA – Nuage Networks - (05/2016 – Present)
Technical Marketing Expert

Support of Nuage Networks sales effort.
Building Proof-of-Concept, testing design scenarios and validating performances and functionalities.

Employment

Sogeti (Capgemini Group) - (07/2011 – 11/2014)
Senior Network and Security Engineer

Level 3 support and expertise of network and security equipment in large-scale enterprise networks
Maintain of 24x7 network environments.
Implementation of TCP/IP Core network services.
Conception and deployment of network systems.

Education

Master Degree (2008-2009)
Networking and Telecommunication
ENSEEIH, National Polytechnic Institute of
Toulouse
(Toulouse, France)

Internship

Intemship at Orange Moldova (02/2007 – 06/2007)
Familiarization with large-scale network environments, including GSM services

Education

University Degree (2002-2007)
Radio-electronics and Telecommunication
Technical University of Moldova

Employment

Orange France (on behalf of Squad) (05/2014 – 04/2016)
Senior Network Virtualization Engineer

- Conducting studies in the field of Software Defined Networking (SDN) and Network Functions Virtualization (NFV).
- Integrating State-of-the-Art solutions as VMware NSX, Juniper Contrail, Nuage Networks in order to create IaaS (Infrastructure-as-a-Service) environments.
- Design and architecture of Openstack platforms and integration with SDN solutions.
- Troubleshooting and analyzing SDN solutions network functionalities and performance

Certification

Cisco Certified Network Professional Routing and Switching (CCNP R&S) (2013)

Certification

Cisco Certified Network Associate Routing and Switching (CCNA R&S) (2011)

Employment

CNRS – IRIT ENSEEIHT (09/2009 – 11/2010)
Research and Development Network Engineer
<Continuation of Master graduation Internship>

Internship

Master graduation Internship at IRIT ENSEEIHT (03/2009 – 09/2009)
Research work in AMIC-TCP project involving tests and development of new standards in automotive embedded networking (CAN/LIN/FlexRay/Real-time ethernet). Analysis and modelisation of QoS mechanisms for embedded network protocols

Employment

Eventis Mobile (07/2007 – 08/2008)
LAN & WAN Network Engineer
Configuration and administration of Cisco switches and Routers (Catalyst 2950/2960/2750/4500/6500 and 4000m/3600/3000/2600/1600). Routing protocols OSPF/EIGRP/BGP. Interconnecting GGSN and SGSN Systems with IP Core

Employment

Casa Farm SRL (09/2002 – 06/2007)
Part-Time Network and Systems Administrator
Design and implementation of a network consisting of 80 PCs. Implementation of various services like DNS, Active Directory, DHCP, Mail, DMZ, VPN (5 Distant sites)

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NOKIA – Nuage Networks: 05/2016 – Present

Technical Marketing Expert

Responsibilities

- Build and demonstrate Proof-of-Concept with leading Networking technology.
- Configure Nuage Networks solution and partner products as well as and major Operating Systems, hypervisors and cloud management systems.
- Ability to work with Nuage Networks and Alcatel-Lucent ecosystem products (i.e.: RedHat, Palo Alto, etc.)
- Provide design recommendation to various sales groups
- Perform live demonstrations to customers
- Lead Nuage PoC with selected customers
- Publish relevant technical documentation.

Orange France (On behalf of Squad): 05/2014 – Present

Senior Network Virtualization Engineer

Projects:

- **VMware NSX SDN (Software Defined Networking) solution industrialization:**
Keywords: Routing, Switching, SDN Controllers, OSPF, BGP, Control/Data/Management Planes, Traffic analysis, VXLAN
- **VIM (Virtual Infrastructure Manager) and SDN Integration**
Keywords: Openstack, Juniper Contrail, Nuage Networks, MPLSoGRE, MPLSoUDP, MP-BGP
- **Network Platform Design and management:**
Keywords: HP C7000, IBM Bladecenter H, Dell M1000, Switching, BNT, H3C, Juniper QFX, MX, SRX, vCDNI, vShield, BGP

Sogeti (Capgemini Group), Toulouse area, France: 07/2011 – 05/2014

Senior Network and Security Engineer

Projects:

- **AIRBUS Corporate: 01/2014 – 05/2014: E-Mail rebranding project.**
Migration of 240 000 Users Mailboxes from @eads.com to @airbus.com. Network and infrastructure planning, and conception
Keywords: Switching, Routing, Cisco Nexus 5000, 2000, Cisco Catalyst 6500, F5 Big IP, Exchange
- **SOLFEA Bank: 07/2012 – 12/2013: Network Design and Reconstruction**
Conception, design and implementation from scratch of a network architecture, consisting of 2 Data Centers and 1 Users site. Creation of a Core/Distribution/Access network model using dynamic routing services (OSPF/BGP) and LAN segmentation (VLAN) and redundancy services (Link Aggregation/Spanning Tree).
Keywords: Switching, Routing, HP Comware H3C, Checkpoint Firewall, VPN IPsec, OSPF, BGP
- **Credit Agricole Group: 07/2011 – 07/2012: L2/L3 Network Support**
Maintain and support of large-scale network (several thousand users)
Keywords: Switching, Routing, Cisco Catalyst, Checkpoint Firewall, Juniper VPN SSL, Nortel Switch

CNRS, Toulouse area, France: 03/2009 – 11/2010

Research and Development Network Engineer

Research work in AMIC-TCP project involving tests and development of new standards in automotive embedded networking (CAN/LIN/FlexRay/Real-time ethernet). Analysis and modelisation of QoS mechanisms for embedded network protocols

Eventis Mobile, Chisinau, Republic of Moldova: 07/2007 – 08/2008

LAN & WAN Network Engineer

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Casa Farm, Chisinau, Republic of Moldova: 09/2002 – 06/2007

LAN & WAN Network Engineer

- Design and implementation of a network consisting of 80 PCs.
- Implementation of various services like DNS, Active Directory, DHCP, Mail, DMZ, VPN (5 Distant sites)

Language proficiency

English ■■■ French ■■■ Russian ■■■ Romanian ■■■ German ■□□