



Curriculum Vitae – Massimiliano Sbaraglia

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Nationality: Italian

ICT Consultant, specialized in areas of IT Infrastructure, whereas : networking Computing and storage. The core skills are designing and implementing complex datacenter solutions and backbone area network.

KEY SKILLS

I've a strong understanding, knowledge and implementation skills of infrastructure architectures. The passion for infrastructure technologies and the experience of transforming data center infrastructure gives me the ability to understand the long-term ("big picture") and short-term solutions for each business needs, and able to translate business strategy and needs into fit for purpose IT architectures. Within years I've accumulated exposure to multiple, diverse technologies and processing environments that enables me to deliver value through innovative approach and developing ideas from concept to implementation.

CORE EXPERTIES

Design and Architecture Data Center

- Design of Active Active datacentre with virtualization technologies
- Design and implementation of Network (Cisco and Juniper), Storage (EMC, Cisco, Brocade) and Computing infrastructure (Virtual Connect and switch Blade HP)
- Tecnologies: Cisco Nexus, vPC, Network Virtualization (FabricPath; QFabric, L2 vpn bridge group; L2 vpn bridge domain; VDC; virtual-switch)

Design and Architecture Data Center

- Design of Backbone networks: MPLS, VPLS, MP-iBGP, EBGP, Router Reflector, VRF, QoS OAM, VLAN/STP, IGP/BGP, IPv6, LDP/RSVP-TE, VLL/VPLS/VPDN, Inter-AS VPN & CSC, IP and MPLS Multicast, etc.
- Design and implementation of Network (Cisco and Juniper)
- Technologies: switching, routing and firewalling;
- Devices Network: all switches and routers Cisco (to AS9K) and Juniper (series J - M - EX - MX)
- Devices Firewalls: Fortinet, Cisco, Checkpoint and Netscreen Junos
- Devices Balancer: F5 and Radware

Storage

- Design and implementation of iSCSI/FC/FCoE storage infrastructure

Engineering:

- Strong experience for new project, design and architectures IP networks;

Planning and Management

- Coordinate and plan the installation of all Servers, Network, Storage hardware and delivery of high-Quality cabling Installations

Approach

- Research, review and evaluate new technologies relating to technical operations as they emerge
- Education and continuous training on new technologies as they emerge (Self-training, through books)

EDUCATIONAL QUALIFICATIONS

Upper secondary school of IT and Telecoms ITIS "A. Pacinotti" of Rome

LANGUAGE SKILLS

Fluent Italian and Professional English

CAREER HISTORY

WIDESIDE SAGL

Nov. 2016 to date

@ Banca5 ITB (Assago Milano)

Network Infrastructure Backbone Engineering for integration Banca5 (B5) to Intesa San Paolo (ISP);
Optimization LAN, WAN, Data-Centers infrastructure with new project from AS-IS versus TO-BE and delivery;
Specialist support troubleshooting network;
Technologies: Cisco, Checkpoint, Palo Alto, F5, Radware

@ Vodafone (Milano)

Network Solution Architect to DataCenter GiLAN environment
Role: testing network solution at LAB for ecmp and fault-tolerance between IPU/APU-L3 node and Border Leaf Fabric Nexus N9K; protocols tested: OSPF and BGP
Design L3-out connections ACI Fabric Cisco

@ Vodafone Testing Center (Milano)

System Engineer for upgrade hardware (FAB, SUP and LC) and software (to release target) Cisco Nexus-7K Platform and testing compatibility

@ Fastweb (Milano)

Network Engineer and IP Solution Architect for Fastweb's top client (mainly Regione Lombardia)

Lutech SpA

Apr 2016 to Sept 2016

@ SKY (Milano)

Engineering MPLS VPN IP MVPN infrastructure; Design and delivery of below projects:

Clustering 2xSRX1500 Junipers in virtual-chassis, each of which issued at primary POP (MSG) and secondary POP (Caldera); planning migrations from single point of failure to active-standby architectures, reth configurations and delivery of all security policies.

Extension backbone with new POP "Geralario" for multicast data applications through Juniper devices, setting tunnels MVPN inclusive/selective, LSP MPLS with admin-groups (colours), PIM and IGMPv3.

Tunneling VPN IPSEC between SKY Italia and 3rd part.

Design of VPN pseudowire ethernet over mpls interconnections among backbone SKY POPs Rome and Milan in an triangle architectures for customers L2 data traffic.

Accenture SpA

Apr 2014 to Apr 2016

@ Vodafone IT

Testing Center Consip Rome
Setup and configurations Fixed Network, mainly with huawei technologies (CPE, dslam, OLT, ASN, BNG)

@ Telecom Italia

NFV - Network Function Virtualization

Setup and configurations new Data Centers with VCF Fabric Juniper, Computing Network with Enclosure Virtual Connection and Switch Blade HP, Servers VMware VCenter

Operations/Assurance support specialist for NFV network data centers and virtualization; troubleshooting and resolutions issue.

New Design and implementations about the firsts services of Telecom Italia involved on migration from old infrastructure to new NFV architectures:

* Speed Test

* Push to Talk

* API Unica

* Regman

@ Vodafone UK

ENTS - European Network Test Services

Technical Domain Networks competence: Transmission Backhauling, RAN and IP networks

@ Telecom Italia:

NGM - New Generation Maintenance: delivery solutions for every Data Centers and management team off-shore in Manila.

Teaching architectures Data Centers to foreign colleagues

Support Specialist Operations (NOC) for the follows architectures:

* Backbone VDCN (Virtual Data Centers Network); MPLS VPN IP with Core CRS cisco and PE MX960 Juniper; technologies: OSPF with BFD, LDP, RSVP, MPLS, MP-IBGP, RR, Traffic Engineering with link and node protections (fast reroute), BGP and all attribute, VPLS.

* Backbone RdG (Intranet TI); MPLS VPN IP.

* Data Center: EasyDC, VAS, EasyVAS, NGDC, DCM

Gruppo Energent SpA

Nov 2013 to Apr 2016

@ Telecom Italia:

engineering Backbone mpls vpn ip, RdG and data centers

Design and delivery of CNRI projects: consist of substitution of access and distribution layer with new Catalyst 7600 cisco, migrations services, and connections toward RdG via MP-iBGP (VPNv4 address-family), Router Reflector cluster, data centers data flow applications.

Telecom Italia SpA (as consultant)

Jan 2006 to Dec 2013

Consultant with different role:

- I have been part of a engineering team as Network Engineer at "NOC Backoffice" department, where I developed and performed new projects for external and internal Customers TI (custom project with architectures details and configurations) in areas Data Centers and Backbone MPLS IP VPN; also specialist support for restoration faults.

- Development and delivery projects for new solutions at "Engineering RdG" department.

- Audit all layer 2 and layer 3 protocols for Backbone OPB (Optical Packet Backbone) and issue solutions report
 - Development and delivery new network projects for Enterprises Customers (i.e. Lottomatica, New Fiera di Roma) with direct specialist support on-site
 - Testing of principal network solution in Test-Plant (i.e. RT4SEC for DDoS Attack)
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Kataskopeo SpA
Jan 2011 to Oct 2013

@ Telecom Italia:
engineering RdG, Data Centers EasyDC and EasyVAS, VDCN Backbone mpls vpn ip; specialist support NOC backoffice.
Design and delivery of dedicated customer requirement data center projects:

- * Cubosuite: with Nexus FEX, 5K and 6K, spine and leaf fabricpath architectures and vPC;
 - * AAA ARC Esercizio: migration from VAS to EasyVAS infrastructure;
 - * Guide Line for EasyVAS infrastructure with Access FabricPath domain, Aggregation layer with virtual-switch, bridge domain, firewalling and balancer, Core VDCN network inter-datacenters;
 - * DAM-VideoTeca;
 - * JDShape;
 - * Services Exposure
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PuntoCom srl
Jan 2010 to Dec 2010

@ Telecom Italia:
IPCOM audit for backbone OPB about layer switching e routing protocols and issue solutions report

Nettare SpA
Jan 2009 to Sept 2009

Engineering and specialist support for solutions switching, routing and firewall over backbone transport IP MPLS VPN (Juniper technologies); NOC backoffice.
Design and configuration Juniper devices : M7i J2350 SSG520
Study and development and delivery of following projects :

- * Stub Area ospf backbone Nettare between area 0 and adjacencies different areas and redistributing IP prefix via LSA.
 - * Server Farm with firewall SSG 520 with two different hypothesis solution : public IP routing (two VR DMZ trust and untrust) – private IP NAT/PAT (one public DMZ untrust and different private DMZ for each services)
 - * Creation of separate VRF management for backbone network built through Core (M7i), Edge POP (J router), Distributions (involved Base Stations) and Access (CPE users) and redistributions static IP prefix via OSPF.
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Nokia Siemens SpA
2009

Test Plant backbone MPLS VPN IP

Italtel SpA
Jan 2006 to Dec 2008

Engineering, development and delivery switching, routing and firewalls network solutions cisco tecnologia; writing documentation to Enterprises Customers with architectures details and configurations more support on-site Testing complex solutions in Test-Plant Telecom Italia.
Project: Lottomatica, Nuova Fiera di Roma, Rt4SEC Telecom Italia

Poste Italiane SpA
Jan 2005 to Dec 2006

Design and Engineering for network Backbone, WAN and LAN national offices Poste Italiane.
Writing manuals for main technologies: QoS, MPLS IP VPN, WIFI, Data Center, SAN.

ENI SpA
Jan 1990 to Dec 2003

Electrical engineering, electronics, data trasmission, telephony, cabling sytem, fiber optic backbone, networking, lan, wan.

Certification

CCNA-Data Center Cisco
CCNA Routing and Switching
CCDA Design Associate Cisco
CCDP Design Professional Cisco
CCNP Routing and Switching Cisco
JNCIA-Junos (JUNIPER)
JNCIS-ENT (JUNIPER)
JNCIS-SP (JUNIPER)
JNCIP-SP(JUNIPER)
JNCSP-SP (JUNIPER)

