Marc Duperrier
Infrastructure Architect

My professional goal is to continue designing secure and highly reliable infrastructure services for the business while developing technical skills.

Information

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Address :	Ch. de la fin d'Enhaut 4 1269 Bassins (VD)
Nationality :	Swiss, French
Age :	51 (14.05.1969)
Marital Status :	Married, 7 adult children
Availability :	1st December 2020 (possibility for earlier start)
Languages :	French, native
	English, C2

Profile

Messaging Architect and Senior System Engineer with more than 20 years of industry experience in very large companies.

Highly skilled and experienced in designing and providing fit for purpose solutions for standard and special requirements.

Subject Matter Expert focused on complex problem's resolution and in-depth technical expertise consultancy on a wide variety of IT areas.

Thorough understanding of IT infrastructure from the lower protocols up to the OS and application layers. Experienced in designing infrastructure solutions for large enterprise deployments.

Key Competencies

Unified Communication Architect

+3 years, I planned and implemented the migration from on-premises Skype for Business to Microsoft Teams cloud solution including the test and plan for telephony with direct routing, allowing cloud hosted user to use local SBC for calling.

+3 years, designing and planning the migration of Voicemail and auto-attendant to Office 365.

+10 years, acted as Unified Communications Architect responsible for designing Lync/Skype for Business architecture that provided IM, telephony, and conferencing capabilities for ~240'000 users worldwide. Produced a variety of comprehensive design documentation. This role's activities included coordination of complex tasks with the other network architects for components such as load balancers, reverse proxy, firewall, VPN, and other elements. Part of this role, I have built an on-premise and cloud lab and provided detailed step by step installation instructions and automation where necessary.

Responsible for supervising the global deployment worldwide of more than 200 Skype servers trough project governance while providing 3rd level support for the services.

+5 years, in charge of the architecture of Cisco Telepresence and its integration with Skype for Business.

Messaging Architect

+5 years, I acted as lead architect in charge of designing the messaging platform, upgrading from Exchange 2003 to 2010 worldwide for ~240 000 users. Produced the high level and detailed architecture documents, delivered scripted and automated installation process for all server roles. Provided 3rd level support for the Exchange team for 3 years.

Designed the migration from on premise anti-spam appliance to MS cloud based (FOPE/EOP).

Infrastructure Architect

+10 years, designed infrastructures such as Active Directory, DNS in complex environments.

Security Specialist

+3 years, in charge of defining Windows security policies and standards for the group including server, workstation and user's configuration. Also oversaw the design and support of the PKI infrastructure.

Professional experience

01/2010 - Present
Nestec S.A.
Vevey

Messaging Architect

Lead architect in charge of defining the Exchange 2010 design for Nestlé, I have produced the high level and detailed architecture documents, delivered scripted and automated installation process for all server roles, defined network requirements for the solution.

Have been 3rd level support for the Exchange team for 3 years.

Designed the migration from on premise anti-spam appliance to cloud based (FOPE/EOP).

Architect in charge of the Lync 2013 design for the same scope, including General and detailed architecture, configuration and build guides.

Run the project calls during deployment in all regional datacenters. 3rd level support.

I did work very closely with the other Network architects to define firewall, reverse proxy, hardware load-balancer configuration for Lync workload (IM, Meeting, Voice and Video)

09/2006 - 12/2009
Nestec S.A.
Vevey

Windows Platform Security Specialist

Define Windows security policies and standards for the group, including the global administration model.

Design and support of the PKI infrastructure. Security review and consultancy on many projects before deployment.

08/2005 - 08/2006
Nestec S.A.
Vevey

Windows Infrastructure Design

Dimension: Nestlé Group: 8'000 Windows servers, 150'000 workstations.

Member of the Windows Development Team directly responsible for the design and 3rd level support of Active Directory and Windows infrastructure services (DNS, DHCP)

07/2003 - 07/2005
Nestec S.A
Vevey

Active Directory Administration

Dimension: Nestlé Center: ~1000 W2k servers, huge Active Directory. Multiple domains.

Part of a small team responsible for Active Directory management. Architecture validation.

07/2000 - 05/2003
Shell Gabon
Gamba

Senior System Engineer

Dimension: Shell Gabon: 9 W2k servers, 420 W2k desktops. Shell Group: 1500 W2k servers, 75'000 W2k desktops, very large Active Directory.

As part of the project team, responsible for the infrastructure upgrade to Windows 2000. IP renumbering, DNS & DHCP migration to Windows 2000, migration of user's and shared data, taking into account the Shell classification system.

Implemented PGP solution for encrypting mails, and confidential files on laptop.

Installation and configuration of firewall between Shell Gabon and partner network.

Design and implementation of ISA server 2000 to provide secure Internet access.

01/1999 - 06/2000
Shell Gabon
Gamba

System Engineer

Dimension: Administrator responsible for 30 NT servers, 500 desktop, 7 sites.

Key contributor in successfully achieving Shell Gabon "Trust Domain" certification (BS7799), including NT servers hardening, network policies, physical and logical access control, disaster recovery planning, change management.

Development of Web based applications. Installation and upgrade of MS-SQL. MS-Exchange 2000 management and supports

04/1998 - 12/1998
Shell Gabon
Gamba

Novell & NT Administrator

Daily management of Novell & NT servers, including Exchange, SQL, Proxy. Installation and configuration of the network infrastructure, DHCP, DNS, WINS for all Shell Gabon sites.

11/1997 - 03/1998
Galaxie Informatique
Libreville

System & Network Consultant

Internet connection, proxy/firewall/mail server installation, configuration and support. Intranet applications development.

06/1995 - 07/1997
OCD S.A.
Yverdon

System Engineer

Novell and NT administration. Internet connection via Proxy. Exchange server installation and operation. User support and training.

04/1993 - 12/1995
OCD S.A.
Yverdon

Microtechnique Engineer

CAD Mechanical design of inc-jet printer modules (patented)

Education

- Bachelor degree in Micro technique
    Awards and Diploma, Engineer School of Yverdon, CH

- Certified Information Security Professional
    CISSP & ISSAP (from 2002 to 2012)

- SANS / GSEC, GCWN & GCIH

- Multiple Microsoft Certifications, including:
    Skype for Business with Voice, Windows server 2003,
    Designing Security & Designing Network, SQL Server 2000

Products & Technologies

Expertise: Teams, Skype for Business, Lync, Windows Server 2000 to 2016, MS-SQL server 7 to 2016, MS-Exchange 5.5 to 2013, TMG server, DNS, DHCP, PKI, IIS, PowerShell, VB script and Visual Basic, IP networking and advanced troubleshooting, VPN, Firewall and Load Balancer, RADIUS. Encryption protocols.

References

(contact on demand)