
Stefan Klatt

Email: stefan.klatt@cac-netzwerk.de – Mobile: +49 172 6807809 – Location: Frankfurt / Germany

Summary
Security specialist with more than 30 years of experience including infrastructure architecture, technical project leading, planning and implementing of security concepts, network analysis, network planning and strong network knowledge on LAN, WAN, production environments, Windows, Linux and Novell platforms and programs like SAP, Navision, backup, database, monitoring and web server.
Strong business background, proven analytical skills, highly motivated, proven social competence.
Strong experience in organized environments, security, performance optimizing and migration of 24/7 production systems.

Key Skills
Information Security: CISSP, CISSM, CEH, BSI IT-Grundschutz Praktiker, IEC / ISO 27001 Senior Lead Implementer, VdS-approved Consultant for Cyber-Security (VdS 10000)
ITIL: ITIL V3 (2011), Change management, Incident management
Project management: Prince2 Foundation
Enterprise Architecture: TOGAF 9
Planning, management and coordination: Internal and external network security, application security, network changes, server changes, device tests, department changes regarding file systems and servers, introduction of change management, NOC, Connection of ISPs and partners, external companies / partners, Credit Card transaction, reporting, outsourcing, zone concept, LAN, WAN and MAN network structures and standards, TCP/IP addresses and routing, network parameters as ATM, PVC, QoS and bandwidth, WAN optimizing, Storage virtualization, SAN, access to the local network for users and partners, definition of notebooks and PCs, stream lead network planning, portable data center
Operating systems server: Windows Server 2022, Windows Server 2019, Windows Server 2016, Windows Server 2012 R2, Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows Server 2003, Windows Server 2000, Windows Server NT, Linux (Red Hat, CentOS, Debian, Fedora Core, opensUSE, SLES), Novell Netware, AIX, LAN / Warp Server
Operating systems client: Windows 7, Windows Vista, Windows XP, Windows 2000, Windows NT, Linux (Red Hat, Fedora Core, OpenSUSE), OS/2, DOS, Android
Virtualization: Proxmox, VMware vSphere 4.1, VMware vSphere 5.1, VMware vSphere 5.5, VMware vSphere 6.7, VMware vSphere 7, ESX, ESXi 5.1, ESXi 5.5, ESXi 6.7, ESXi 7, GSX), VMware Workstation, Microsoft HyperV
Network protocols & services: AAA, ARP, CDP, DAS, DHCP, DNS, FTP, H.323, HTTP, HTTPS, IMAP, IPSec, IPX, LDAP, LPR, LPD, MAC, NAS, NetBIOS, NNTP, NTP, P2P, POP3, PPP, PPPoA, PPPoE, RAS, RTP, SIP, SMTP, SNA, SNMP, SSH, SSL, TCP/IP, TN3270, TN5250, VLAN, VoIP, VPN, WAN, WINS
Network components: Access Points, ATM Bridges, ATM switches, backup, CAUs, data backup, DSLAM, firewall, MAU, monitoring, network cam, network printers, proxy, router, spam detection, spam filter, switches, video conferencing systems, virus scanners, VoIP, WAN optimizer, wireless controller, wireless switches
Network architectures: 10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, Gigabit, 1 Gbit/s, 10 Gbit/s Ethernet, 802.11a, 802.11ac, 802.11b, 802.11g, 802.11n, ADSL, ATM, DS3, DWDM, E1, E3, EIB, EtherConnect, FDDI, Fibre Channel/FC, firewall, fiber optic cabling, Industrial Ethernet, ISDN, LACP, LAG, LAN, load balancing, MAN, MPLS, single-mode fiber, multi-mode fiber, PDH, microwave links, RSTP, S0, SAN, SCSI, SDH, SDN, SDSL, SHDSL, STM1, STM3, STM4, Token Ring, UK0, VDSL, WAN, wireless LAN, WLAN
Manufacturer: 3Com, Ackermann, Agfeo, Apple, Auerswald, Bintec, Brocade, BTR/Metz Connect, CheckPoint, Cisco, Citrix, Cumulus, Dell, D-Link, Enterasys/Cabletron, Fore/Marconi, H3C, HP, IBM, IPFire, Juniper, Kerio, Madge, Netgear, Nokia, Red Hat, Redback, Riverbed, Suse/Novell, Watchguard
Programming languages: Python, C++, C, Perl, PHP, REXX, Shell Script, SQL

Industry knowledge
Automotive, chemical, data center, education, finance, health, industry, insurance, IT, military, public sector, renewable energy, telecommunication, wholesale and retail

Foreign languages
German native language
English level B2

Certifications

<ul style="list-style-type: none">• CISSP – ISC²• CISM – ISACA• CEH – EC-Council• BSI IT-Grundschutz Praktiker – BSI• ISO 27001 Senior Lead Implementer – PECB• VdS-approved Consultant for Cyber-Security – VdS 10000• TOGAF9 – The Open Group• Prince 2	<ul style="list-style-type: none">• ITIL V3 Foundation (2011)• Information-Security Professional – Bronze - CeL• x:acta Basic Course for Planner• XDSL – Ingram Technologie Training• Agfeo – Bronze• Vorbeugender Baulicher Brandschutz – Hager• Tebis EIB – Hager• Redline and Yellowline – Dehn	<ul style="list-style-type: none">• Netware 5.1 Expert – Novell• Certified Warp Server – IBM• Certified Warp 4 – IBM• Certified Systems Expert Warp Connect – IBM• Certified Systems Expert Warp 3 – IBM• Certified Systems Expert OS/2 2.1 – IBM
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Professional Experience

Military – BWI, Bonn / remote, 09/22 – 08/23

Responsibilities

- Solution architect

Management

- Planning and design of a solution
- Coordination with services
- Documentation

Technologies

portable data centre

Tools

MS Office

Manufacturer

Microsoft

IT – Large global IT company, Frankfurt / Kelsterbach, 07/21 – 06/22

Responsibilities

- Security & Infrastructure Architect
- Redesign & new implementation of a subinfrastructure

Management

- Problem management support, Firefigther
- Support in the areas of proxy, infrastructure, Security- and infrastructure
- Documentation
- Security evaluation
- Design of new subinfrastructure

Technologies

1 Gbit/s Ethernet, 10 Gbit/s Ethernet, 40 Gbit/s Ethernet, 100 Gbit/s Ethernet, blacklisting, dns, dmz, ESXi 7, firewall, ftp, http, https, IP/Sec, lan, NSX-T, Red Hat Enterprise 8 Linux, proxy, routing, ssh, switches, TCP/IP, Virtualisierung, VMWare Vsphere 7, VPN, WAN

Tools

MS Office

Manufacturer

Cisco, IBM, Microsoft, Red Hat, Vyos, VMware, ufdbguaard, squid

Helaba – Landesbank Hessen-Thüringen – IT-Service- and Infrastructure Management, Frankfurt, 06/21 – 06/22

Responsibilities

- Security & Infrastructure Architect

Management

- Analysis of firewall rules
- Creating a compliance communication matrix to control network communication

Technologies

Internet Browser, DNS, DMZ, Firewall, LAN, Office, Proxy Pac, Proxy, Routing, TCP/IP, Windows 10, Windows Server, VPN, VLAN, WAN, WLAN

Tools

MS Office

Manufacturer

Cisco, Google, Juniper, Microsoft, Mozilla

Helaba – Landesbank Hessen-Thüringen – IT-Service- and Infrastructure Management, Frankfurt, 10/17 – 05/21

Responsibilities

- Security & Infrastructure Architect

Management

- Problem management support, Firefigther
- Support in the areas of network and rights management
- Support of incident and problem management, Firefigther
- Planning and coordination of technical complex projects
- Technical management of partners and application owner at changes and incident
- Technical support

Technologies

10 Mbit/s Ethernet, 100 Mbit/s Ethernet, 1 Gbit/s Ethernet, Gigabit Ethernet, 10Gbit/s Ethernet, 802.11a, 802.11b, 802.11g, 802.11n, ADSL, CWDM, DMZ, DWDM, ESXi, Firewall, Fibre Channel/FC, FTP, LACP, LAG / Link Aggregation Group, LAN, load balancing, MPLS, network printer, proxy, RDP, router, SAN, SAP, SDSL, SSH, Switche, Telnet, TFTP, Token, Switches, Windows XP, Windows 7, Windows Server 2003, Windows Server 2008 R2, Windows Server 2012 R2, virtualization, VMware, vSphere, VPN, VoIP, WLAN, WLAN controller

Tools

MS Office

Manufacturer

Bluecoat, Citrix, Cisco, Checkpoint, EMC/VMware, H3C, HP, Juniper, Microsoft, RSA

Helaba – Landesbank Hessen-Thüringen – Handelsraum Management, finance, Frankfurt, 08/17 – 09/17

Responsibilities

- Security & Infrastructure Architect

Management

- Conceptualization and revision of user or authorization requests for firewalls and proxies
- Conceptual design for a secure USB stick using on WIN10
- Collaboration in the creation of a data exchange server concept

Technologies

10 Mbit/s Ethernet, 100 Mbit/s Ethernet, 1 Gbit/s Ethernet, Gigabit Ethernet, 10Gbit/s Ethernet, 802.11a, 802.11b, 802.11g, 802.11n, ADSL, CWDM, DMZ, DWDM, ESXi, Firewall, Fibre Channel/FC, FTP, LACP, LAG / Link Aggregation Group, LAN, load balancing, MPLS, network printer, proxy, RDP, router, SAN, SAP, SDSL, SSH, Switche, Telnet, TFTP, Token, Switches, Windows XP, Windows 7, Windows Server 2003, Windows Server 2008 R2, Windows Server 2012 R2, virtualization, Vmware, vSphere, VPN, VoIP, WLAN, WLAN controller

Tools

MS Office

Manufacturer

Bluecoat, Citrix, Cisco, Checkpoint, EMC/VMware, H3C, HP, Juniper, Microsoft, RSA

operational services - T-Systems - BHF, telco / finance, Frankfurt, 09/16 – 06/17**Responsibilities/Tasks**

- Analysis of network components, Leased Lines and VPN Tunnel
- Planning of transfer the external connections

Technologies

- LAN, WAN, Ethernet, S2M, Leased lines, IPsec VPN, DMZ, Firewalls, VLAN, ISP, TCP/IP, Router, Microsoft Office & Project

Manufacturer

- Cisco, Checkpoint, Juniper, Microsoft
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UGW AG, Marketing, Wiesbaden, 07/16**Responsibilities**

- Network
- Performance

Tasks

- Network analysis

Technologies

10 Mbit/s Ethernet, 100 Mbit/s Ethernet, 1 Gbit/s Ethernet, 10Gbit/s Ethernet, DNS, ESXi, Fibre Channel/FC, LAN, Netzwerkdrucker, Switches, TCP/IP, Telnet, Windows 7, VMWare VSphere 5.1, VoIP, VRRP

Manufacturer

Brocade, EMC, HP, Vmware

Helaba – Landesbank Hessen-Thüringen – Handelsraum Management, finance, Frankfurt, 01/16 – 06/16**Responsibilities**

- Technical partner management
- Network Architect

Management

- Technical Partner Management
- Network Architect
- Rate of changes regarding implementation and Security
- Rate of measures in LAN, WAN and WLAN
- Securing the network with e.g. 802.1x, VLANs, Security zones (DMZs for example) and VPN tunnel
- Coordination with Information Security
- Coordination of changes
- Support for change implementation
- Rate of offers, contracts and approvals
- Support the change management
- Support and advice to departments on issues concerning the network

Technologies

10 Mbit/s Ethernet, 100 Mbit/s Ethernet, 1 Gbit/s Ethernet, Gigabit Ethernet, 10Gbit/s Ethernet, 802.11a, 802.11b, 802.11g, 802.11n, ADSL, CWDM, DMZ, DWDM, ESXi, Firewall, Fibre Channel/FC, FTP, LACP, LAG / Link Aggregation Group, LAN, load balancing, MPLS, network printer, proxy, RDP, router, SAN, SAP, SDSL, SSH, Switches, Telnet, TFTP, Token, Switches, Windows XP, Windows 7, Windows Server 2003, Windows Server 2008 R2, Windows Server 2012 R2, virtualization, VMware, vSphere, VPN, VoIP, WLAN, WLAN controller

Tools

MS Office

Manufacturer

Bluecoat, Citrix, Cisco, Checkpoint, EMC/VMware, H3C, HP, Juniper, Microsoft, RSA

Helaba – Landesbank Hessen-Thüringen – Infrastruktur Management, finance, Frankfurt, 07/14 – 12/15**Responsibilities**

- Technical partner management
- Network Architect

Management

- Technical Partner Management
- Network Architect
- Rate of changes regarding implementation and Security
- Rate of measures in LAN, WAN and WLAN
- Securing the network with e.g. 802.1x, VLANs, Security zones (DMZs for example) and VPN tunnel
- Coordination with Information Security
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Technologies

10 Mbit/s Ethernet, 100 Mbit/s Ethernet, 1 Gbit/s Ethernet, Gigabit Ethernet, 10Gbit/s Ethernet, 802.11a, 802.11b, 802.11g, 802.11n, ADSL, CWDM, DMZ, DWDM, ESXi, Firewall, Fibre Channel/FC, FTP, LACP, LAG / Link Aggregation Group, LAN, load balancing, MPLS, network printer, proxy, RDP, router, SAN, SAP, SDSL, SSH, Switches, Telnet, TFTP, Token, Switches, Windows XP, Windows 7, Windows Server 2003, Windows Server 2008 R2, Windows Server 2012 R2, virtualization, VMware, vSphere 4.1, vSphere 5.1, VPN, VoIP, WLAN, WLAN controller

Tools

MS Office

Manufacturer

Bluecoat, Citrix, Cisco, Checkpoint, EMC/VMware, H3C, HP, Juniper, Microsoft, RSA

publicare, marketing, Frankfurt, 10/15 – 12/16**Responsibilities**

- Network
- Performance and Security
- Defect video chat

Management

- Planning of new DNS structure and firewall configuration
- Planning of changes during operation
- Consulting in Security questions and further development of the network

Other tasks

- Network analysis
- Configuration changes of Lancom routers during operation

Technologies

Ethernet, TCP/IP, IPSec, Router, Firewall, Mac OSX, DNS, DHCP, Kerio Connect, iChat

Manufacturer

Lancom, Apple, Kerio

KVN – Kassenärztliche Vereinigung Niedersachsen, health industry, Hanover, 09/13 – 05/14**Responsibilities**

- Network analysis
- Stabilization of network infrastructure
- Network reorganization during operation
- Zone concept

Management

- Planning and coordination of network changes

Other tasks

Network analysis, Network troubleshooting, Analysis of WLAN controller, Troubleshooting of clients, Troubleshooting of server, Stabilization of network switches, Stabilization of server network connections, Stabilization of client network connections, Automatic configuration of active network components, Network modification during operation, Employee assistance in daily operation, Housekeeping

Technologies

10 Mbit/s Ethernet, 100 Mbit/s Ethernet, 1 Gbit/s Ethernet, Gigabit Ethernet, 10Gbit/s Ethernet, 802.11a, 802.11b, 802.11g, 802.11n, ADSL, ARP, CDP, ESXi, Firewall, Fibre Channel/FC, FTP, LACP, LAG / Link Aggregation Group, LAN, Linux, SLES, Novell, load balancing, MPLS, network printer, proxy, RDP, RSTP, SAN, SSH, Switches, Telnet, TFTP, Switches, Windows XP, Windows 7, Windows Server 2003, Windows Server 2008, virtualization, VMware, vSphere 4.1, vSphere 5.1, WLAN, WLAN controller

Tools

MS Office, Visio, NMAP, Putty, Rancid, OTRS, Nagios, Remote Desktop Manager

Manufacturer

3Com, Bluecoat, Brocade, Citrix/Netscaler, Cisco, Checkpoint, EMC/VMware, H3C, HP, HP/3PAR, Juniper, Kyocera, SuSe, Novell, Toshiba

Conergy AG, renewable energy, Hamburg, 05/07 – 08/13**Responsibilities**

- Network with 70 offices in 20 countries

Management

- Responsible for all network topics
- Planning and coordination of projects with external companies
- Planning and coordination of exchange VPN Tunnels with MPLS during operation
- Planning and coordination of WAN optimizer Riverbed Steelhead
- Planning and coordination of Cisco switches
- Planning of security, firewall and networks in locations around the world
- Planning and coordination of WAN and VPN connections of locations, field staff and external companies around the world
- Network monitoring running on Linux
- Documentation of networks and internet connections of all locations around the world
- Reorganization of networks during operations
- Creation of globally valid guidelines and recommendations for networks, WAN connections and applications
- Planning and Management of TCP/IP addresses
- Stream lead network planning like moving SAP or outsourcing of server or services from locations to the central data center
- Planning and coordination of integration and disintegration of locations around the world
- Planning of exchange of firewalls with new single systems or cluster
- Rating of requests around networks, server and applications in terms of security, stability, cost and feasibility

Other tasks

Integration of WAN optimizer Riverbed Steelhead, Support of administrators around the world with network specific questions in German and English, Configuration and troubleshooting of Cisco switches, Network reconfiguration at locations around the world, Implementation, troubleshooting and monitoring of firewalls, network components, server and services, VPN, WAN, MPLS connections, field staff and external companies over VPN connections around the world, Implementing and modifying the monitoring system running on Linux, Implementation, troubleshooting and monitoring of applications like SAPGui, VPNs, special applications for access to solar systems and VoIP, Infrastructure implementation for projects like moving SAP or outsourcing of server or services from locations to the central data center, Administration of Windows 2003 and 2008 Server, DHCP and DNS administration on Active Directory, Performing special projects such as scanning the inventory data of all servers, Support of first-level, AD & Server team and departments, Integration and disintegration of locations, Firewalls exchange, Protection of applications such as SAP using SAP router and firewalls against unauthorized external access

Technologies

ADSL2+, SHDSL, PPPoE, PPPoA, TCP/IP, fiber, cable connections, leased lines, DNS, DDNS, DHCP, WINS, DynDNS, Linux, Windows Server 2000/2003/2008/2008 R2, VPN, OpenVPN, IPSec, routing, firewall, router, switches, MPLS, WAN optimizer, Riverbed Cascade, Riverbed Steelhead, Riverbed Steelhead Mobile, Riverbed Granit, Company Connect, EtherConnect, DMZ, data center, high availability, security, network analysis, sniffer, virtualization, VMware, vSphere 4.1, vSphere 5.1, Hyper-V, MS SQL, SAP

Tools

MS Office, Visio, Sharepoint, NMAP

Manufacturer

Microsoft, Debian, Cisco, HP, Riverbed, VMware, SAP, Navision

Telefonica, telco, Munich, 09/06 – 01/07**Responsibilities**

- DSL roll-out

Management

- Reporting to the Board and to large customer support
- Communication to large customer and large customer support
- Overview of planning and monitoring the roll-out
- Initiate corrections in the Lotus Notes database

Other tasks

Monitoring the DSL roll-out Lotus Notes database

Technologies

ADSL2+, TCP/IP, fiber, PG2, DSLAM

Tools

MS Office, Project, Lotus Notes

Manufacturer

Huawei, Microsoft, Telekom

Don't hesitate to contact me for a list of older projects.