**CV**

Axel Hinz

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*Personal Profile*

Born December 6th, 1972 in Germany. Higher education entrance qualification (Abitur) 1992, Apprenticeship, Studies human sciences (Master of Arts), IT-sector knowledge since 1990. Self-employed since 1995. GmbH since 2016.

*Focus*

Network security architect (firewalls/proxies/LAN/WAN/WIFI)

*Language skills*

German (native), English (business fluent)

*Skills, Knowledge, Experiences*

IT-Consultants since 1995.

Check Point Certified Security Administrator.

Soft Skills: documentation, communication and transparency with personal touch. Highly team-oriented. Special attention to concepts, processes and operation aspects. Project organization.

Comprehensive experience with Windows and Linux administration, experience with virtualization technologies (VMware, Hyper-V).

*References*

Industries, Service industries, legal, consulting, banks, financial industry, retail, data center and others.

All enterprise sizes: SME, Mid-tier business, multicorporate enterprises.

*Projects (last ten years)*

05/2020 – now Network- and network security architect  
Design, review and consultancy network and network security  
Development solution designs and adaption to network designs.  
Linking of cloud technologies to existing and new datacenter structures.  
Using Cisco equipment (Nexus, Catalyst, ASR, ISR), Check Point and Palo Alto firewalls, Microsoft Azure, AWS and other cloud providers, Equinix, Aviatrix.  
Customer: VW Financial Services, Braunschweig  
Structure: several datacenters, worldwide subsidiaries, cloud based infrastructure

11/2019 – 05/2020 Network security architect, focus on Cisco ASA firewalls and Fortinet systems  
Design network security  
Consultancy in architecture, ruleset design, lifecycle, migration and upgrade scenarios including project organization.  
Using Cisco ASA, Fortigate, Check Point firewalls and bash. Administration of Fortigate firewalls via Fortimanager.  
Customer: Plusserver, Hamburg.  
Structure: datacenter

10/2019 – 11/2019 Network- and network security architect  
Design, review and consultancy network and network security cloud provider.  
Review solution designs and adaption to network designs. Support build phase. Optimization of processes. Optimization and upgrade of project documentation.  
Using Cisco ASA firewalls, Checkpoint firewalls, Cisco Nexus switches, Cisco Catalyst switches.  
Customer: Vodafone/IBM, Frankfurt and Kelsterbach.

07/2019 – 10/2019 Network security architect  
Design, consultancy and management network security  
Optimization of security zones. Firewall Audit. Creation naming convention. Process optimization. Ruleset optimization and cleanup. Setup, improvement and upgrade of project documentation.  
Using Fortinet firewalls.  
Customer: Covestro, Leverkusen

06/2018 – 06/2019 Network security engineer and architect  
Design and consultancy network security  
Concurrent migration on different levels (datacenter architecture, lifecycle, ACL structure, documentation). Consultancy in guidelines, migration planning and application scenarios. Ruleset cleanup. Setup, improvement and upgrade of project documentation.  
Using Check Point VSX Provider-1 (R77.30), Juniper firewalls, Cisco ASA firewalls, Barracuda squid proxies, Mcafee Web Gateway proxies, Cisco networking, Tufin.  
Customer: High street bank, North Rhine-Westphalia

03/2018 – 06/2018 Network security engineer and architect  
Design, management and projects network security.  
Using Check Point VSX Provider-1 (R80.10, R77.30), Cisco networking and Algosec.  
Customer: Metro, Duesseldorf  
Structure: wordwide, 1,800 locations

09/2017 – 03/2018 Network security architect  
Design network security  
Security segmentation of the existing global enterprise network including a complete redesign. Migration of data centers. Design cloud infrastructure. Governance external service providers. Consultancy in guidelines, migration planning and application scenarios. Initial setup, improvement and upgrade of project documentation.  
Using Check Point VSX, Cisco networking, Cisco ISE and Tufin.  
Customer: Allianz, Frankfurt/Main  
Structure: wordwide, 1,800 main locations

02/2017 – 08/2017 Network security architect, focus on Cisco ASA firewall  
Design network security  
Consultancy in architecture, ruleset design and migration scenarios. Lead engineer introducing Fortigate firewalls.  
Using Cisco ASA, Fortigate and Check Point firewalls.  
Customer: Cloud data center for major customers, Hamburg

05/2016 – 01/2017 Network architect, focus on security (Check Point firewall)  
Design and engineering network und network security  
Management global IT infrastructure services, technical project management, network design and architecture (WAN/LAN) incl. coaching. Management migrations of networks of new and existing locations worldwide (remote and onsite). Migration of technologies (Security/WAN/LAN/WIFI). Introduction of documentation system. Lead engineer Check Point firewalls.  
Using Cisco switches, Cisco WIFI, MPLS, Check Point firewalls.  
Customer: Siegwerk Druckfarben AG & Co. KGaA  
Structure: worldwide, 80 locations

09/2015 – 04/2016 Network engineer  
Sub-project lead of network projects (WAN/WIFI/LAN); Network design of locations worldwide. Responsible for migrations (HP to Cisco)  
Design of network architecture for new buildings and new locations. Securitydesign. Consultancy datacenter expansion and redesign. Responsibility for global optimization of aruba WIFI (failover, latency).  
Using HP and Cisco switches, Aruba WIFI, Cisco WIFI, managed MPLS, Check Point firewalls.   
Customer: Sartorius Administration GmbH (branch: biotechnology)  
Worldwide, 50 locations

03/2015 – 08/2015 Senior migration professional  
Windows migration (server 2003 to 2013 and domain migration)  
Design and realization for software and configuration (>100 Server) incl. migration of clients.  
Using Active Directory, DNS, MS Exchange, group policies, ADMT, remotedesktop, Linux servers, VMware vSphere, EMC.  
Customer: Franken Guss Kitzingen GmbH & Co. KG (branch: metal working)

12/2014 – 01/2015 Optimization of infrastructure  
Planning and improvement LAN- and Firewallarchitecture  
Using HP-LAN-technology and Cisco ASA.  
Branch: financial industry

10/2014 – 11/2014 Migration mailserver  
Planning and realisation new server including data migration  
Using MS Windows server technology incl. DNS, non-Microsoft mailserver, Firewall.  
Branch: textile industry

08/2014 – 09/2014 Migration of Windows-server- and client-technology  
Planning and realization of new server-technology with client migration (new clients)  
Using Microsoft Windows-server-technology including Active Directory, DNS, Exchange, WSUS, group policy.  
Branch: dental

05/2014 – 08/2014 Migration of Windows-server- and client-technology  
Planning and realization of new server-technology with client migration (new clients)  
Using Microsoft Windows-server-technology including Active Directory, DNS, Exchange, WSUS, group policy.  
Branch: home health care

03/2014 – 04/2014 Migration of Windows-server-technology  
Planning and realization of new server-technology with client migration  
Using Microsoft Windows-server-technology including Active Directory, DNS, Exchange, WSUS, group policy, MS SQL; Renewal of existing Firewall.  
Branch: financial industry

11/2013 – 02/2014 Migration of Windows-server- and client-technology  
Planning and realization of new server-technology with client migration (new clients).  
Using Microsoft Windows-server-technology including Active Directory, DNS, Exchange, WSUS, group policy.  
Branch: dental

08/2013 – 10/2013 Migration of Windows-server-technology  
Planning and realization of new server-technology with client migration  
Using Microsoft Windows-server-technology including Active Directory, DNS, Exchange, WSUS, group policy, MS SQL; Renewal of existing Firewall; VMware ESXi.  
Branch: construction industry

05/2013 – 07/2013 Migration of Windows-server- and client-technology  
Planning and realization of new server-technology with client migration (new clients).  
Using Microsoft Windows-server-technology including Active Directory, DNS, Exchange, WSUS, group policy, MS SQL; VMware ESXi.  
Branch: dental

03/2013 – 04/2013 Enhancement of existing client-/server-architecture with new clients  
Planning and realization of new clients.  
Using Microsoft Windows 7 and related server-technology.  
Branch: architecture

07/2012 – 03/2013 Responsible Planning and realization of complete IT-structures in a co-partnership of notaries  
Planning and realization of notary-IT including consulting, organization of third-party-suppliers and service providers, planning of employment of staff.  
Using LAN, WAN, Firewall, HP-switching-technology, VMware-virtualization, Dell-hardware, NAS-systems, Windows Server 2008R2, Symantec Backup Exec, Linux Firewall.  
Branch: notary

02/2012 – 07/2012 Firewall-evaluation in datacenter  
Research, test, evaluation, initial startup and configuration of an HA-Firewallconcept for a Webhoster  
Using Firewall-High-Availability-Solutions (Astaro, Cisco PIX/ASA, Smoothwall, Zyxel and others), LAN-switching, OSI reference model, Dial-in- and Site2Site-VPN, IPSec.  
Branch: webhosting, webhousing, cloudprovider, SaaS, IaaS, provider

12/2011 – 02/2012 Migration of Windows-server-technology  
Planning and realization of new server-technology with client migration  
Using Microsoft Windows-server-technology including Active Directory, DNS, Exchange, WSUS, group policy.  
Branch: Production of show business

10/2011 – 11/2011 Enhancement of existing client-/server-architecture with new clients  
Planning and realization of new clients  
Using Microsoft Windows 7 and related server-technology.  
Branch: trade fair renting

08/2011 – 09/2011 Realization of structured Wi-Fi  
Research and configuration of Wi-Fi-technology  
Using Zyxel-Wi-Fi (Controller and APs).  
Branch: business consultancy

06/2011 – 07/2011 Responsible Planning and realization of complete IT-structures  
Planning and realization of the IT including consulting, organization of third-party-suppliers and service providers  
Using Windows-client-technology, different network devices and dental-specific technology (3D-scanner, camera-microscope-device and others).  
Branch: dental

*Education*

2008 Master of Arts in Philosophy, Social Sciences and German studies, Heinrich-Heine-Universität, Düsseldorf, Germany.

1997 Apprenticeship as management assistant in advertising. Honored as second best of the country.

1992 Higher education entrance qualification (Abitur), Hilden, Germany.

Experiences

Firewalls: Check Point, Cisco (PIX, ASA, SMB), Fortinet, Juniper, Astaro/Sophos UTM, Zyxel, iptables, pfsense etc.

Network: Hewlett-Packard, aruba, Cisco. WIFI with aruba and Cisco. WAN, MAN managed, VPN. Several Proxies (Cisco, Squid, Mcafee Web Gateway, ISA etc.). IP, TCP, UDP, ICMP, OSI, ARP, Spanning-Tree, DNS, DHCP, NAT, IPSec, HSRP, VRRP, VLAN, ACLs etc.

OS: Unix, HP AIX and Solaris. Administration of complex Windows network environments (LAN, WAN, Hardware, Software, network).

Infrastructure: Comprehensive knowledge of combined infrastructure with domains, DNS, SMTP, webservers, mailservers (Microsoft Exchange et al). Experience with Atlassian Confluence and JIRA.