

KRZYSZTOF BRZOZA

+49 159 061 004 48 • krzysztof@bybrzoza.com

Cloud, Servers, Network, Storage and Security admin with Infrastructure Architect and Deployment skills

Experience

10.2024 – Present

CLOUD SOLUTION ARCHITEKT, SPACE.NET A.G.

- Design, implement, and optimize cloud architecture based on business and technical requirements.
- Collaborate with development and operations teams at migrate servers to the cloud.
- Preparing OS Images
- Monitor, analyze performance, and optimize HCS.
- Ensure compliance with security policies and industry standards.
- Upgrade HCS in cooperation with the manufacturer.
- Conduct training sessions and mentor teams and customers.
- Provide guidance on best practices for HCS cloud.

08.2019 – 09.2024

SENIOR SYSTEMADMINISTRATOR, UNITED-DOMAINS A.G.

- Implement, configuration, manage and troubleshoot mail, webhosting, database and DNS clusters based on Debian linux with DRBD, Pacemaker, Heartbeat, IPVS, Haproxy, MySQL Percona XtraDB cluster as physical and/or KVM, lxc container based machines/containers (roughly 1200+ machines)
- Migration of servers to new hardware and/or virtualize them local in datacenter or with usage of virtualized cross link or intercontinental network bridges on 2nd and 3rd OSI layer
- Planning, implement and secure connection from scratch between current company and the mother-company, which include among others, routing, remapping DNS, and network address translation to avoid ip collisions and duplicating IP addresses
- Planning and implementation from scratch new AWS environment, which includes:
 - Network concept with IPSec connection(On AWS and multiple on-premises sites)
 - Security concept (new security zones, security groups, ACL's and routing)
 - Offsite backup to AWS for disaster recovery
- Configure, manage and troubleshoot network and appliances – Force10, Dell and HP based
- Assist and support developer teams to achieve theirs goals and improvements
- Assist and troubleshoot BI team with theirs tools
- Planing and implementing Hashicorp Vault
- Datacenter onsite visits for relocating and reorganizing servers and devices in racks and Cable management
- Automate and provision tasks via Ansible roles and playbooks
- Automatic tasks and monitoring based on Bash and Python
- Keeping up to date environment with patch and updates management
- 24/7 On-call duty shift
- Managing hardware from following vendors onsite in Datacenter and remote:
 - Dell R series Servers
 - Force10, Dell and HP Switches
 - Mikrotik

- Managing operating systems:
 - Debian
 - pfSense
 - amazon linux
 - Windows clients
- Managing virtualization technology:
 - KVM/QEMU
 - lxc and docker containers
- Managing cloud providers:
 - AWS
 - Hetzner
 - OVH

09.2013 – 07.2019

IT ADMINISTRATOR, IC CONSULT GROUP GMBH

- Full lifecycle of environment from planning through implementing up to decommission across 5 locations physical and remote and all companies inside the iC Consult Group
 - Server environment containing servers and clusters based on Linux, Windows and Unix
 - Network environment and structure
 - Application and database servers like Backup solutions, VPN solution, OS Provisioning, monitoring solution, Web-hosting, version control, collaboration tools from Atlassian, BI dashboards, Active Directory, Microsoft Exchange and Databases
- Automation of time/event triggered tasks with bash scripting
- Design and implementation of asset managed system based on Jira
- Keeping up to date environment with patch and updates management
- End user support
- Managing hardware from following vendors onsite in Datacenter and remote:
 - Dell R series
 - HP DL and Switches
 - IBM X series
 - Sun Solaris
 - Apple Xserver
 - Juniper
 - Cisco
 - Mikrotik
- Managing operating systems:
 - Red-Hat
 - CentOS,
 - Suse Linux
 - pfSense
 - Ubuntu Server

- Windows Server 2008 and 2012RC2
- Sun Solaris
- OS X Server
- Managing virtualization technology:
 - VMware ESX
 - Microsoft Hyper-V
- Managing cloud providers:
 - AWS
 - OVH
 - Glück & Kanja

07.2008 – 08.2013

SYSTEM ENGINEER, TIETO CZECH S.R.O.

- 3rd tier responsible for Healthcare of Sweden for several Unix (Solaris and HP-UX clusters) and over 1100 Red-Hat servers spread across country
- Architect for SAP dynamic landscape (Red-Hat clusters farms virtualized in VMware)
- 2nd tier responsibility for Banking and insurance group customers in Finland and Germany (numbers of AIX and Solaris clusters, Red-Hat servers) support for Unix and Linux based server farms
- Keeping up to date environment with patch and updates management
- Managing hardware from following vendors onsite in Datacenter and remote:
 - HP Blades
 - IBM
 - Sun
- Managing operating systems:
 - RedHat
 - Ubuntu Server
 - AIX
 - HP-UX
 - Solaris
- Managing virtualization technology:
 - VMware ESX
 - Solaris domains
 - AIX Power VM
 - HP-UX virtualization
- Managing cloud providers:

own cloud build for from scratch for our customer based on VMware ESX and RedHat for the purpose of hosting SAP instances with Software defined storage

02.2002 – 06.2008

ADMINISTRATOR, SILESIA UNIVERSITY OF TECHNOLOGY – STUDENTS CAMPUS

- Linux servers and firewalls administration
- Network infrastructure planning and implementing
- Keeping up to date environment with patch and updates management
- Manage of team of 11 administrators
- Managing hardware from following vendors onsite and remote:
 - Own self build servers
 - HP, 3Com switches and hubs
- Managing operating systems:
 - Debian

Education & Trainings

01.2021 – 01.2024

INTERNAL TRAININGS REGARDING NETWORKS, OPERATING SYSTEMS AND APPLICATIONS USED AT UNITED-DOMAINS A.G., ONSITE AND ONLINE VIA LINKEDIN PLATFORM

06.2020

AWS ONLINE SUMMIT, ONLINE, AWS

12.2019

AWS RE:INVENT, ONLINE, AWS

11.2019

ARCHITECTING ON AWS, AWS

11.2019

AWS TECHNICAL ESSENTIALS DAY, AWS

01.2017

IELTS, BRITISH COUNCIL

09.2016

JUNIPER IJOS, JUNIPER

09.2016

JUNIPER JRE, JUNIPER

09.2016

JUNIPER JSEC, JUNIPER

06.2015
ZABBIX CERTIFIED PROFESSIONAL, ZABBIX

06.2015
ZABBIX CERTIFIED SPECIALIST, ZABBIX

04.2014
MICROSOFT MS 20412, ALTKOM

11.2014
LDAP AND OPENLDAP IN LINUX, ICT PRO S.R.O.

11.2013
NETZWERKADMINISTRATION – INSTALLATION UND PFLEGE DER DATEV,
DATEV

05.2013
VMWARE VSPHERE: INSTALL, CONFIGURE, MANAGE 5.1, VMWARE

04.2013
RH401 RED HAT, DATA SCRIPT

10.2012
ORACLE DATABASE MANAGEMENT TRAINING 11G, TIETO

05.2012
RHCSA, RED HAT INC.

05.2012
HP BLADESYSTEM ADMINISTRATION; C-CLASS, HP

04.2012
ITIL V3 FOUNDATION, AUTOCONT

03.2012
PROJECT MANAGMEMENT BASIC WORKSHOP, TIETO

06.2010
**SYMANTEC HIGH AVAILABILITY FUNDAMENTALS WITH VERITAS STORAGE
FOUNDATION 5.1 AND VERITAS CLUSTER SERVER 5.1 FOR SOLARIS**,
SYMANTEC

12.2009
SOLARIS S10 A2, ALTKOM

11.2009

RHCSA, RED HAT INC.

11.2009

RHCT, RED HAT INC

04.2009

AIX WORKSHOP FOR UNIX ADMINISTRATORS, IBM

12.2008

SOLARIS S10 A1, ALTKOM

Skills

- Linux, Windows, Unix
- Network
- Scripting and Automation
- Virtualization
- Security
- Monitoring

Languages

- Polish – Native
- English – Fluent
- German – Fluent
- Czech – Intermediate

Diplomas, Certificates and References

- Available under this link [https://ref.wylacz.net/](https://ref.wylacz.net/Equator-Cursor-Bobtail)
- Password for PDF [Equator-Cursor-Bobtail](https://ref.wylacz.net/Equator-Cursor-Bobtail)

Few highlights from my home sandbox

- Network is stretched over 3 countries with 4 border gateways.
- Different VLAN's for different purposes
- Clustered networks and services
- Containerized environment
- Automation for every idea which simply pops-up
- Security always on the first place
- Monitoring of environment
- On- and offsite backup