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|  | **Jens Harrendorf**  Senior System Engineer  German citizen,  born: 11.10.1969 | mobile: +49 171 140 40 65  email: jens.harrendorf@arizona-ag.ch |

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| **Focus:** | Automation and design of business processes, in particular with UC4.  Design, implementation, development and administration. |
| **Studies:** | Physics, Technical University of Darmstadt |
| **Languages:** | German (native), English, Swedish, basic French and Spanish |
| **Skills (overview):** | Operating Systems:  Solaris 2.6/7/8/9/10/11 (SPARC), Solaris 10 (x86) MS-DOS, Windows 2000, Windows XP, Red Hat Linux, SuSE Linux, AIX  Scheduling Systems:  UC4, Autosys, Tivoli Workload Scheduler (TWS)  ITIL Foundation certified |
|  | Scripting Languages:  UC4 Script, bash/ksh/sh, SQL, Perl |
|  | Platforms: Oracle (SPARC) T7, T5, SUN (SPARC) M3000, M5000, T2000, SF 15000, E10000, E6900, E6800, E4900, E4500, E4000, E3500, E3000, E2900, E450, E420, E220R, V1280, V880, V490, V480, V440, V240, 280R, Ultra 60, Ultra 30, Ultra 10, Ultra 5  SUN (x86) X4600, X4200, X4100, V40 |
|  | Tools:  ZFS, Veritas Filesystem, Sun LVM, Veritas Storage Foundation, Sun Cluster, Veritas Cluster, Veritas NetBackup, UC4, AutoSys, Tivoli Workload Scheduler (TWS), CUPS, BigBrother Network Monitor |
|  | Databases:  Sybase ASE, Oracle, Mysql |
|  | Storage Protocols:  SCSI, FC |
|  | SAN/NAS Hardware:  Brocade Silkworm 12000, 3800, 2800, RaidTec SNAS FC,  Gadzoox Cappellix 3000 |
|  | Networking Protocols and Technologies:  IP; IPX; Ethernet/FastEthernet/GigabitEthernet, ISDN, TokenRing,  IEEE 802.11b/g Wireless LAN, V.90 Data Modem |
|  | Networking Services:  DHCP; DNS; NFS; SMB; NIS+; SNMP; SMTP; LDAP; SLP |

Projects

01/2016 – 04/2016

Deutsche Bank AG

Disentanglement of Deutsche Bank and Postbank processes.

Adaptation of processes and UC4-environment to Deutsche Bank requirements.

Software: UC4

06/2015 – 12/2015

DZ-Bank AG

Integration of Murex 3-Environment into the new DZ-Bank UC4-Framework. Adaption oft the new applicationmanagement environment to every-day usability.

Software: UC4, ARA, Murex 3, Solaris

10/2014 – 03/2015

Deutsche Bank AG

Design of team structure, concepts how to implement end-to-end businessprocesses in UC4 and design of corresponding qualityassurance processes;

Design and engineering of processes with UC4, Test, Qualityassurance and implentation within project Magellan, in particular regarding retail banking end-of-day processing.

Software: UC4, UC4 Clear View, SAP R3, UNIX, Host, Windows

05/2012 – 07/2014

Merck KGaA

Preparation for and introduction of levatis request management tool.

Preparation for migration from UC4 8 to UC4 10.

Day-to-day operations.

Software: UC4, SAP R3, AIX, levatis request management

02/2010 – 03/2012

Commerzbank AG

Integration of DKIB UNIX-environment into Commerzbank UNIX-environment.

Datacenter consolidation and migration.

Administration of Commerzbank UNIX infrastructure. Improvement of monitoring and backup infrastructure. Fault analysis of UNIX systems. Replacement of defunct hardware.

Administration and improvement of the UNIX printing system (CUPS) in the IB-environment.

Set up and test of Clustermanagement using UC4.

Software: Solaris 8/9/10, Red Hat LINUX, SUN Cluster, UC4, Zones, LDOMs, ZFS, CUPS, SLP

08/2009 – 01/2010

RWE IT GmbH

Consolidation of UC4 environment in general.

Implementation of processes, UC4-scripting and shell-scripting.

Setup of new test-environment and preparation of integration of

international subsidiaries.

Software: UC4, SAP IS-U, AIX

02/2009 – 06/2009

ASIC Allianz Shared Infrastructure Services SE

Consolidation of UC4 environment concerning Allianz SE SAP-backend integration. Implementation of processes, UC4-scripting and shell-scripting.

Training of operating staff and day-to-day operations.

Software: UC4, SAP R3, AIX

04/2008 – 10/2008

Commerzbank AG

Design of Ecofinance ITS v. 7.2.x environemnt on Solaris10 zones, migration from Solaris8/10 servers to Solaris10 zones. Implementation of backup and monitoring.

Software: Ecofinance ITS, Solaris 10, Oracle 10g, Sun Cluster, Sun LVM, SSH, Putty, BigBrother, ConnectDirect, Veritas NetBackup, Tivoli.

01/2006 – 03/2008

Commerzbank AG

Design and implementation of new UC4 v. 5 job scheduling environment. Migration of applications (Murex, Summit, SAP etc.) from other schedulers (TWS, AutoSys, Cron etc.) to UC4. Day-to-day operations and administration.

Planning and implementation of migration from UC4 v.5 to UC4 v.6. Inclusion into existing backup and monitoring infrastructure.

Software: UC4 v.5/6, TWS, Autosys, Solaris 8/9/10, Windows XP/NT, Oracle9i/10g, Sybase, MS Access, Sun Cluster, Sun LVM, BigBrother, Veritas NetBackup, Tivoli

01/2007 – 05/2007

Commerzbank AG

Development and design of virtual servers on Sun Cluster.

Development of a HA solution, automatic switching of zones, dynamic allocation of resources.

Adjustment of the SAN environment to the new requirements.

Software: Solaris 10, Sun Cluster, Sun LVM, Jumpstart, UFS, ZFS

07/2006 – 12/2006

Commerzbank AG

Design and implementation of Ecofinance ITS v. 6.0.x. Installation and configuration of Solaris8/10 servers. Installation of Oracle 9i/10g.

Installation of Veritas Cluster 4.0 and integration of ITS into the cluster control.

Installation of Veritas Storage Foundation and integration into Commerzbank backup and monitoring.

Software: Ecofinance ITS v. 6.0.x, Oracle 9i/10g, Veritas Cluster 4.0, Veritas Storage Foundation, Solaris 8/10, BigBrother, Tivoli

01/2006 – 06/2006

Commerzbank AG

Administration of Commerzbank Solaris infrastructure. Improvement of monitoring and backup infrastructure. Fault analysis of UNIX systems. Replacement of defunct hardware.

Software: Solaris 2.6/7/8/9/10, Veritas Filesystem, Veritas Storage Foundation, BigBrother, SSH, Putty

07/2005 – 12/2005

Commerzbank AG

Design and implementation of Aixigo Total Asset Composition environment. Installation and configuration of Solaris8 servers. Installation of Oracle 9i. Integration into Commerzbank backup and monitoring.

Software: Aixigo Total Asset Composition, Oracle 9i, Solaris 8, Veritas Filesystem, Veritas Storage Foundation, BigBrother, Tivoli

01/2005 – 06/2005

Commerzbank AG

Design and implementation of consolidated WebSphere environment.

Migration of WebSphere into the new Environment.

Software: Solaris 8, WebSphere 5.x/6.x, Veritas Filesystem, Veritas Storage Foundation, Veritas Cluster, BigBrother

01/2004 – 12/2004

Commerzbank AG

Consolidation of Solaris server environment.

Administration and successive dismantling of the old environment.

Implementation and administration of the new environment. Integration into the SAN.

Software: Solaris 2.6/7/8, Jumpstart, Veritas Filesystem, Veritas Storage Foundation, Veritas Cluster, BigBrother, SSH, Putty

01/2003 – 12/2003

Commerzbank AG

Consolidation of printing in the UNIX environment within Commerzbank investment banking. Design, implementation and administration of the new central UNIX printing solution based on ESP PrintPro (CUPS).

Software: Easy Software Products PrintPro (CUPS), Solaris 7/8, Veritas Filesystem, Veritas Storage Foundation, BigBrother

04/2002 – 12/2002

ScioByte GmbH

Development of a highly available, DR capable, distributed (several locations in different countries worldwide) printing system.

Software: Solaris 7/8, Easy Software Products PrintPro (CUPS)