





Uni Hamburg – Mainframe Summit z/OS – The Mainframe Operating

Part 1 – Einführung

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Agenda Mainframe Summit 2008

Day 1	Mainframe and z/OS (details)	
Day 2	System z Basics - open	
Day 3	Architecture & z/OS - open	
Day 4	Virtualization: Linux - Arwed Tschöeke (BMDE)	
Day 5	DB2, Java & WebSphere - Christian Daser, Klaus Dieter Mueller (BMDE)	
Day 6	DB2 for z/OS (details)	SOA Connectivity on z/OS (details)
Day 7	Overview Relational and Legacy Database Systems	Messaging with WebSphere MQ (1)
Day 8	Introduction of DB2 for z/OS, Advanced mechanisms	Messaging with WebSphere MQ (2)
Day 9	Administration	Enterprise Service Bus Basics
Day 10	DB2 Utilities & DB2 Tools	Creating and Running ESB Mediation Flows
		ESB Integration Sample
Speaker	Dr. Knut Stolze (BMDE) Timm Zimmermann (BMDE) Bjoern Brohl (BMDE) Tunica Karabel (BMDE) Prof. Dr. Norbert Ritter (University of Hamburg)	Marcel Armein (BMDE) Dennis Beltrn (BMDE)
Certification	Certificate of attendance DB2 fundamentals	Certificate of attendance

<http://www.form-die-zukunft.de/summerschool/hms08>

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Agenda des z/OS Teils

- Montag
 - 13:00 z/OS Einführung 01
 - > Evtl. Kurze Hardware Wiederholung (Bingo)
 - 13:30 Einführung TSO, ISPF, Unix Shell 02
 - 14:45 Arbeiten mit Datasets 03
 - 14:45 Kaffeepause
 - 15:00 Lab Lab
 - 17:00 EOD
- Dienstag
 - 09:30 Besprechung Lab
 - 10:00 z/OS Überblick 04
 - 10:45 Kaffeepause
 - 11:00 Application Support 05
 - 11:45 z/OS Konzepte 06

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Weitere Dateien (Anhänge) zu z/OS

- Weitergehende Informationen
 - ... zu JCL und SDSF A1
 - ... zu JES und Batchverarbeitung A2
 - ... ISPF Oberfläche und Editor (Ausdruck zum Lab) A3
 - ... Begriffsvergleich z/OS und Opensystems A4
 - ... Abkürzungen A5

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Mehr Informationen zu z/OS im Internet

- Redbook „Introduction to the new mainframe“
 - <http://www.redbooks.ibm.com/abstracts/sg246366.html?Open>
- Lernprogramme zu ISPF und JCL
 - <http://publib.boulder.ibm.com/infocenter/zoslnctr/v1r7/index.jsp>
- Mainframe Systems z Homepage
 - <http://www.ibm.com/systems/de/z/>
- z/OS Referenzbroschüren
 - <http://www.ibm.com/servers/eserver/zseries/zos/bkserv/>
 - Dort „z/OS elements and features publications“ und die PDF Versionen von des aktuellen z/OS Releases auswählen. Unter „MVS“ finden Sie u. a. die JCL Referenzen
- XING Communities zur zUniversity und Mainframe
 - <https://www.xing.com/net/zuniversity/>
 - <https://www.xing.com/net/mainframes/>
- Yahoo Group
 - <http://de.groups.yahoo.com/group/systemzatuniversities/>
- zCommunity
 - <http://www.zcommunity.org/>
- Mainframe Blog
 - <http://mainframe.typepad.com/blog/>
- Education zu div. Mainframe Software Produkten
 - <http://www.ibm.com/software/sw-events/type/systemz/events.html>

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Requirements of an enterprise server



- ★ Application support
- ★ e-business support
- ★ Connectivity
- ★ Security
- ★ Availability
- ★ Systems management
- ★ Scalability for growth

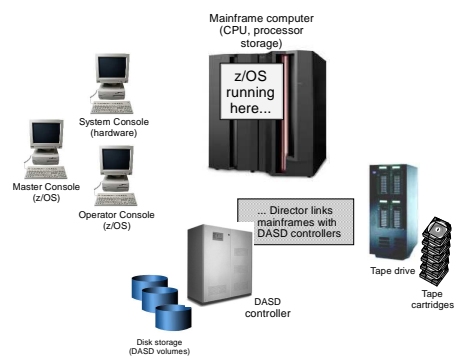
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What is z/OS?

- The most widely used mainframe operating system
- 64-bit operating system
- Ideally suited for processing **large workloads** for many concurrent users
- Designed for:
 - Serving 1000s of users concurrently
 - **I/O** intensive computing
 - Processing very large / **mixed** workloads
 - Running **mission critical** applications securely

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Hardware resources managed by z/OS



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