2013 IBM PureSystems, System Storage and System x Technical University

Dauer: 5 Tage   Kurscode: XTRS13DE

Kursbeschreibung:

Your business is poised to take advantage of the next big opportunity. But is your IT environment ready to help you meet your goals? Or will it hold you back? IBM System x advancements in scalability, reliability and performance can help you take your business where you want it to go. At IBM we provide the technology that will help your business innovate and thrive. We make that possible today and have a vision and dedication to continued innovation for tomorrow.

The 2013 PureSystems Technical University will explore these capabilities in depth and allow you to take a deeper dive into smarter computing implementation, product announcements, as well as, key topics across the PureSystems.

Businesses of all sizes need Smarter Storage. Regardless of the size of your organization, you have the challenge of managing greater and greater volumes of increasingly valuable data. IBM is addressing the challenges for small, midsize and large businesses with the power of Smarter Storage for Smarter Computing.

The 2013 Storage Technical University will explore the IBM storage capabilities in depth and allow you to take a deeper dive into smarter computing implementation, new storage product announcements, with special sessions on IBM's Flash systems and how they can help you now and well into the future, along with also key topics across the entire storage portfolio.

The IBM System x Technical University will help you learn how these dramatic announcements change the entire value proposition for the x86 architecture in the enterprise.

With over 150 sessions, this event promises to give you the broad foundation of skills necessary to realize breakthrough productivity gains in your IT operation.

IBM's new portfolio of System x rack and power infrastructure options delivers better IT availability and efficiency for today's data center.

The requirements of a smarter planet demand more from your data center. You need to improve the service you deliver to clients, while managing your risks and reducing your costs. At this event, learn how IBM servers from System x and BladeCenter are designed to help you to do just that.

The new generation of IBM eX5 enterprise systems offers dramatic memory scalability to double virtualization capability and reduce software licensing costs.

Recently announced System x M3 servers have the capability in some deployments to consolidate 20 servers down to one, potentially recouping acquisition costs in as little as three months.

Zielgruppe:

These combined five-day events are designed for your technical and professional development.

Expand your knowledge and expertise on key topics by attending business and technical sessions, trends & directions sessions, technology updates in a variety of formats such as lectures, hands on labs, live demo's and Q&A sessions.

Exchange ideas and interact with colleagues and competitors, leading-edge thinkers, technology gurus, executives and business experts from IBM.

The event is primarily intended for technical specialists including: Storage, NAS and SAN administrators System programmers IT managers System administrators Application programmers IT architects Hardware planners Data center managers Performance analysts Capacity planners Technical support managers Project managers Systems programmers Database administrators IT Executives IT and business managers Other IT professionalsAnyone responsible for the management and administration of external storage on all server platforms across the enterprise

Kursziele:

■ Keynote Speakers

■ Adalio T. Sanchez
  General Manager,
  IBM System x
  Adalio Sanchez is General Manager of IBM's System x server unit. In this role, Mr. Sanchez is responsible for all facets of IBM's multi-billion dollar x86 server business, including product development, marketing, sales, operations, and overall financial performance. He is also a member of the IBM Performance Team, a group of the company's highest senior executive officers.
  Prior to his current position, Mr. Sanchez was General Manager of IBM Microelectronics, responsible for the operational and financial performance of IBM's semiconductor and engineering services operations.
  Mr. Sanchez has more than 27 years of experience in the

■ Nicolas Sekkaki
  Vice President,
  System and Technology Group Europe
  A graduate of ENSAE (Supaéro), Nicolas Sekkaki began his career in IBM in 1990, with successful sales roles in industrial, government and insurance client sectors. Following an assignment in 1999 to IBM Corporate headquarters in the US, in September 2000 he then was appointed as the Director of Sales of zSeries Mainframe division for EMEA (Europe, Middle East & Africa), based in England. In 2002, he moved to the role of Vice-President of the division "System Sales" (Servers and Storage) for France and became a member of the Executive Committee of IBM France. He was appointed General Manager in 2007 in charge of IBM Global Technology Services, France. In 2010 he became CEO and corporate officer of SAP France. Since January 2013, Mr. Sekkaki is Vice President of System and Technology Group Europe for IBM.

Information Technology marketplace with an extensive background in product development, manufacturing, operations, and brand management. Before his position as the head of IBM Microelectronics, Mr. Sanchez was General Manager of IBM's UNIX server business. Over a four year period, he turned around the business, and drove IBM to become the worldwide share leader in the largest segment of the server marketplace at that time.

Mr. Sanchez also served as General Manager of the Storage Networking Division, and prior to that as General Manger of Manufacturing Operations and Business Transformation for the IBM Personal Systems Group. In this role, Mr. Sanchez served as the chief operating officer of IBM's PC business and managed all IT and supply chain operations globally. During his tenure, he significantly restructured manufacturing operations, and improved profits and overall customer satisfaction.

Mr. Sanchez holds a Bachelor of Science degree in electrical engineering from the University of Miami and a Masters of Business Administration from Florida International University. He was named the 2007 US Hispanic Engineer of the Year and has frequently been named to the list of the Top 50 Hispanics in Technology and Business. He is a member of the Florida International University (FIU) Foundation Board of Directors, Chairman of the FIU Engineering School Executive Advisory Council, and serves as Chairman of the Society of Hispanic Professional Engineers (SHPE) Advisory Board.

Tests und Zertifizierungen

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Certification is both a journey and a destination. It's a business solution. A way for skilled IT professionals to demonstrate their expertise to the world. It validates your skills and demonstrates your proficiency in the latest IBM technology and solutions. The certification requirements are tough, but it's not rocket science, either. It's a rigorous process that differentiates you from everyone else. The mission of IBM Professional Certification is to:

- Provide a reliable, valid and fair method of assessing skills and knowledge.
- Provide IBM a method of building and validating the skills of individuals and organizations.
- Develop a loyal community of highly skilled certified professionals who recommend, sell, service, support and/or use IBM products and

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Certification exams will be offered at the special event rate of $100 USD per exam, up to a 50% discount over the Prometric testing center price. A complete listing of available IBM tests is available at the testing lab. Testing is offered on a first come, first served basis. No reservations are needed. Tests are payable on site at the time of testing, using Visa, Master Card or American Express, which the test taker enters directly into the testing tool. Some vouchers are accepted as payment for exams (for example, PartnerRewards testing vouchers, and IBM employee vouchers), but vouchers are not

Potential test takers should prepare for their test(s) prior to the conference. To prepare, refer to the Professional Certification Program from IBM web site at http://www.ibm.com/certify. There you'll find test descriptions, including:

- Certification job role names and descriptions to which the tests apply.
- Test objectives measured on the tests
- Recommended educational resources
- Assessment and sample tests to help gauge your readiness for the actual exam.
- Estimated time required to take the test.

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Pre-registration for exams is not necessary.
However, you will need to register on-site for the exams at the

Certification room. Exams will be provided on an availability basis during the conference testing hours.

If you have taken IBM Certification tests in the past, please remember to bring your Prometric userid with you.

If you've tested at an IBM event, you should have a PRIME username

The same test may be taken by an individual only twice in a 30 day period. Both attempts may be taken at this event.

For each test, test takers are required to sign a confidentiality agreement, show their conference badge and one government issued ID with a recent photo (for example: passport, national ID, or driver license).

All tests are closed-book, and most are computer-based (with the exception of the IMS Mastery tests), containing multiple-choice questions. They are delivered in a proctored environment via a web-based tool.

Schulungsinhalt:

PureSystems and System x Track

- Trends and DirectionsIBM PureSystems
- IBM PureSystems: A Competitive Comparison and Positioning Perspective
- IBM PureFlex Express, Standard, ; Enterprise Systems
- Why IBM PureFlex + IBM Software is an Unbeatable Combination
- IBM PureApplication System Delivers Superior Agility and Cost
- System x Product Positioning
- IBM Flex System Enterprise Chassis - Internal network architecture deep dive
- IBM Flex System X Architecture Compute Node
- IBM Flex System p Compute Node
- IBM Flex System Manager - Next Generation Management for the Next Generation Systems
- IBM System Networking – for IBM PureFlex Systems
- IBM PureFlex Networking Strategy for Cloud
- IBM Flex System Scalable Networks
- Storage for IBM PureFlex System
- Managing and Virtualizing the Flex System Power node using the FSM
- IBM Power Systems PowerVM
- Transforming IBM System x and IBM PureFlex Systems into private cloud solutions with IBM SmartCloud Entry
- IBM Smart Cloud Entry Overview for IBM PureFlex Systems
- Designing a Private Cloud Solution for IBM PureFlex Systems
- IBM PureFlex System ; IBM Flex System Pre-Sales Tools ; Sales Configurators
- IBM PureFlex System Power ; Cooling
- Architecting a Successful IBM PureFlex Solution
- Deploying a fully Integrated IBM Pureflex System
- IBM PureFlex Service and Support
- Chassis Management Module and Integrated Management Module
- IBM Flex System Manager
- Deploy IBM SmartCloud Entry v2.x on IBM PureFlex Systems
- Virtualizing the IBM PureFlex Power node using the FSMCloud Computing
- OpenStack Technology Review
- Overview of IBM System x Cloud Strategy and Broad Portfolio of Cloud Offerings
- BladeCenter Foundation for Cloud: A virtualization platform ideally positioned for IBM SmartCloud Entry
- IBM ReadyPack for Cloud
- Private Cloud Offering - Architecture and Implementation of XIV and N6210 Storage based Cloud Solutions
- Tipping Point for Cloud Adoption - White-boarding a case for private cloud implementation
- Start a journey to cloud with SmartCloud

Entry

- Where is IBM in the Cloud?
- Be your own Cloud Service Provider
- Introduction to System x Cloud Architecture and Solutions
- Tales of the two SmartCloud Entries - Common cloud interfaces and patterns
- Open Virtualization with KVM
- Cloud Computing with KVM
- KVM: A secure hypervisor for virtualization and cloud on IBM System x
- x86 Hardware Virtualization Extensions Explained
- SR-IOV, MR-IOV and DMA Remapping Explained
- Cloud Platforms using IBM's x86-based Integrated Solutions
- ATS Monitor ("ATSMON") data collection tool for consolidation studies
- SmartCloud Monitoring Overview
- Big Data Cloud Storage Technology Comparison
- IBM SmartCloud Desktop Infrastructure
- Cloud Capabilities – An Overview of SmartCloud Provisioning, IBM Service Delivery Manager and Tivoli Service Automation Manager
- Discovering the Value of Cloud Management. A hands-on experience with Tivoli Service Automation Manager
- Don't Let the Cloud Fog Your Vision: An Update on the Crazy Interest in Cloud ComputingNetworking
- Smarter Networking for Smarter Data Centers– Strategy ; Vision
- Intelligent Virtualization using IBM System Networking
- Data Center Evolution: Consultative Discussion on Datacenter Network Convergence
- A smarter Network for a smarter planet - Cloud Computing
- The new standard in Network virtualization; 802.1Qbg/VMready 4.0
- The IBM Distributed Virtual Switch for VMware, the 5000vSolutions
- Speed Blade Deployment with IBM FastSetup and IBM Fabric Manager
- How to Improve Database Performance with DB2 on System x with MAX5 and eXFlash
- Conquering Big Data With Smarter Computing
- IBM FastSetup for BladeCenter- Surprising simplicity in a powerful and fast tool that takes the guess work out of large server deployments
- Linux Performance Tuning
- SAP In-Memory Computing - Concepts and Implementation
- IBM Systems Solution for SAP HANA
- Optimizing x86 Scale-Out Cloud Solutions
- Technical Computing Solutions with Intelligent Cluster
- Introduction to IBM Platform Symphony
- Scale and Manage Big Data with IBM Platform Symphony

- Introduction to IBM Platform HPCSystems Management
- x86 Platform Management
- Hardware Managing Hardware
- Successful IBM Systems Director Implementations
- It's more than the name implies - Hidden gems in IBM Systems Director Standard Edition
- Hands-on with IBM Systems Director
- Hands-on with IBM Systems Director and VMControl ExpressStorage Systems Track
- IBM Storage Directions
- IBM Tivoli Storage Manager for Virtual Environments 6.3 with IBM Tivoli Storage FlashCopy Manager
- IBM Tape Technology and Tape Usage
- Data Protection Options in the Era of Cloud and Why We Still Need Tape
- Linear Tape File System (LTFS) Storage Manager
- IBM Tape and ProcTier Update and Technical News in Combination with TSM
- DataProcetion Competition
- LTFS Enterprise Edition - The Big Data Repository
- IBM ProtecTIER - Datareduction for faster recovery
- IBM ProtecTIER - European Case Studies
- Native IP Replication on IBM Storwize Family - Live Demonstration
- Business Continuance / Disaster Recovery 2013 Update: Lessons, Planning, and Solutions
- IBM ProtecTIER -.CIFS/NFS Backup approach
- Storage Cloud in less than one day: IBM SmartCloud Storage Access - IBM simplifies cloud storage implementation
- Storwize V7000 Unified Advanced Functions - Remote Caching
- Storwize V7000 Unified explained
- Building 21st Century Cloud Storage Service - Industry Best Practices
- IBM SmartCloud Storage Access - live demo
- From Block to Files and Objects
- V7000 Unified - Basic Hands on
- Storage Cloud in less then one day: IBM SmartCloud Storage Access
- Storage Clouds In A Big Blue Sky - Different Approaches On How To Use IBM Storage To Build Your Cloud Solution (including: Approaches of our competitors)
- Enable "Storage as a Service" in your enterprise
- V7000 Unified - Advanced Copy Services for NAS
- IBM System Storage N series the next leap: Clustered Data ONTAP
- Three things you should know about troubleshooting in a SVC / Storwize environment
- DS8000 Competitive Workshop and Announcement update
- FlashSystem performance acceleration demonstration

- XIV Hands On Lab ; the new IBM Hyper-Scale Mobility feature on AIX
- Storwize V7000 [Unified] - What this is? Why it matters?
- IBM Global Active Cloud Engine on IBM Storwize V7000 Unified - Live Demo
- XIV Gen3 SSD Caching Demonstration
- SONAS - V7000 Unified Independent Filesets and Inode Planning
- In-deep V7000 hands on lab, including remote mirroring
- IBM Storage Strategy and Portfolio
- FlashSystem Overview ; Architecture
- The IBM Storwize Family - Powerful and easy to use
- XIV - An introduction into the IBM XIV Storage System for absolute beginners
- XIV Basic Hands on Lab ; IBM Hyper-Scale Mobility with Windows 2012
- IBM XIV intregration into Windows 2012
- IBM Active Cloud Engine WAN Caching Implementation
- SONAS 1.4.1 updates
- System Storage DS8870 R7.2 Update - Easy Tier and Beyond
- IBM System Storage N series: Trends and Directions
- IBM FlashSystem Demo ; Try Out
- Introduction to 'Big Data' and Business Analytics: what is it, how can it be used to improve business competitiveness
- Proactive Monitoring of Brocade Fabrics
- Troubleshooting SAN Performance Issues
- SAN Fundamentals - Effective Zoning
- Storage Networking News (with focus on Fibre Channel products)
- FCoE: An Advanced Introduction
- SAN Best Practices
- Disk Magic Update
- Capacity Magic Basics and Update
- Disk Magic Basics
- IBM Open Storage: A Perfect Fit for Telco Environments
- Big Data Sentiment Analysis - Why You Care
- Demoing Servers and Storage Solutions using the IBM Systems and Software Demonstration Center
- Storage Productivity still matters. A fresh look at the metrics of storage administration
- IBM's Flash Portfolio and Futures
- Dark Matter in your Storage, not just in Space. Discovering where some of the storage you bought has gone
- Optimizing IBM storage with Tiering, Thin Provisioning, and Real-time Compression
- Storage Efficiency technologies for TCA and TCO optimization illustrated by Client Cases
- Latency: The Real Heartbeat of Performance
- IBM Tivoli Storage Manager for Virtual Environments
- IBM Tivoli Storage FlashCopy Manager
- Optimizing IBM i IT Infrastructure with IBM System Storage and IBM i
- IBM System Storage DS8870 drives higher

- availability for IBM i Enterprise clients
- Deep Dive on Newly Announced FlashSystem (Next Gen for FlashSystem 820
- IBM Cloud Storage Architectures
- Be the first to see the newest addition to the FlashSystem family in action (Next Gen to FlashSystem 820)
- Storage Infrastructure Optimization using Butterfly, Practicality and Client Cases
- IBM Tivoli Storage Manager 6.3 Node Replication
- Where to Put Flash in the Data Center
- Implementation and usage of an advanced SVC/Storwize FlashCopy tree
- Tivoli Storage Manager 6.4.1 Operations Center
- What is new in Tivoli Storage Productivity Center
- Software Defined Storage
- IBM Storwize V7000 for your VMware virtual infrastructure
- Hadoop - Its Not Just Internal Storage
- What are Industry Consultants saying about IBM Storage in 2013? The Good and the Not-so-Good
- Assessing The World of Flash: Who are the Competitors, the Innovators, the Followers, the Leaders?
- Smarter Storage with perspective for IT: Power and Cooling Solutions for the Twenty-first Century
- Application of Storage Best Practices
- What is new in Tivoli Storage Productivity Center (TPC) V5.2
- Demo for new Tivoli Storage Productivity Center (TPC) V5.2
- SVC/Storwize FlashCopy advanced class: Internals and best practices
- IBM's Flash Portfolio and Futures
- Flash vs SSD and when to use IBM FlashSystems
- Configuration and Best Practices for FlashSystem 720 and FlashSystem 820 with and without SVC

Hinweis:

Conference Dinner

Come and join us for an unforgettable evening with various 'Stars in Concert'.
Amy Winehouse, Whitney Houston, Madonna — when superstars like these rock the stage together, that's pure Entertainment.
"Stars in Concert" offers the perfect illusion in a glamorous Las Vegas style. A unique show with some of the world's best lookalikes performing the biggest hits in musical history live, accompanied by an amazing band and sexy dancers. A fascinating show full of passion which you should not miss.
Further Information can be found at http://www.stars-in-concert.com/

Transportation Information
Bus shuttles will bring the participants after the Solution Center Networking Drink at 18:45 from the Hotel Berlin Berlin to the Dinner Venue and back.
More information and exact timings can be found in the information guide who will be distributed upon registration.

Weitere Informationen:

Für weitere Informationen oder Buchung kontaktieren Sie uns bitte unter 0800 / 295 26 33

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