

Server Virtualization Software: Market Research Report

https://marketpublishers.com/r/S8A21275BCAEN.html

Date: October 2010

Pages: 533

Price: US\$ 3,950.00 (Single User License)

ID: S8A21275BCAEN

Abstracts

This report analyzes the Global market for Server Virtualization Software in Millions of US\$ by the following Host Operating Systems – Windows, Linux & Other Open Source, and Others.

Annual estimates and forecasts are provided for the period of 2006 through 2015.

The report profiles 35 companies including many key and niche players such as Citrix Systems, Inc., Dell, Inc., Hewlett-Packard Development Company, International Business Machines Corporation, Microsoft Corporation, Oracle Corporation, Parallels, Inc., Proxmox Server Solutions GmbH, Red Hat, Inc., and VMWARE, Inc.

Market data and analytics are derived from primary and secondary research.

Company profiles are mostly extracted from URL research and reported select online sources.



Contents

I.INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study

II. EXECUTIVE SUMMARY

1.INDUSTRY OVERVIEW

The Hype Surrounding Virtualization: A Review Growth Prospects for Virtualization Software Tilt Upwards

Table 1. World Recent Past, Current & Future Analysis for Virtualization Software – Breakdown of Annual Sales in US\$ Million for Years 2006, 2009 & 2015 (includes corresponding Graph/Chart)

Table 2. Worldwide Virtualization Software Market (2007): Percentage Share Breakdown of Revenue by Geographic Region - Americas, EMEA and Asia (includes corresponding Graph/Chart)

Table 3. World Market for Virtualization Software (2009): Percentage Breakdown of Sales for Server Virtualization Software, Presentation Virtualization Software, Desktop Virtualization Software, Application Virtualization Software and PC Disk Virtualization Software (includes corresponding Graph/Chart)

Server Virtualization: An Important Cog in the IT Wheel
Rationale Behind the Waxing Popularity of Server Virtualization Software
Cost Benefits from Server Consolidation Drive the Business Case for Server
Virtualization

Table 4. Cost Benefit Analysis of Virtualization (2008): Breakdown of Annual Costs (US \$ per User) within Unvirtualized, Basic Virtualization and Advanced Virtualization



Environments by Usage Case Scenario (includes corresponding Graph/Chart)

Impact of Recession on Server Virtualization

Developed Markets – The Early Birds in Server Virtualization Space

Virtualized Server Sales on the Rise in Western Europe

Server Virtualization: Enabling Green IT Strategy

Table 5. Energy Consumption in Server Rooms: Comparison of Power Consumption (in KW) for Rack, Blade & Mainframe Server Environments (includes corresponding Graph/Chart)

Competitive Scenario

Table 6. Global Market for Server Virtualization (2007): Percentage Market Share Breakdown of Leading Players (includes corresponding Graph/Chart)

Table 7. X86 Server Virtualization Market (2007): Percentage Share Breakdown of Revenue by Leading Players (includes corresponding Graph/Chart)

Noteworthy Trends, Growth Drivers & Issues
Server Virtualization Set to Become a Standard
Increasing Attention on Business Continuity Drives Adoption of Server Virtualization
Small & Medium Businesses: An Emerging & Lucrative Client Cluster
Virtualization Software Disrupts Physical Server Market
SANs: Best Choice of Primary Storage Configuration for Virtual Servers

Table 8. Virtual Servers Market (2009): Illustrative Findings on the Percentage of Organizations Opting for Various Types of Primary Storage Configuration (includes corresponding Graph/Chart)

X86 Server Virtualization: A Key Element in Server Virtualization Market Factors Driving X86 Server Virtualization

Table 9. Server Virtualization Software (2007 & 2009): Percentage Share Breakdown of Revenue by Server Architecture



Table 10. X86 Server Market: Short to Medium Term Perspective for X86 Server Shipments (in Thousands Units) and X86 Server Installed Base for Years 2009 and 2011

Server Virtualization Gaining Traction in Developing Markets
Unchecked Virtualization Threatens to Spawn Compliance & Network Security Issues
Server Virtualization Software: Licensing and Support Concerns

2.TECHNOLOGY OVERVIEW

Virtualization Technology: A Background Study

Virtualization Software: A Key Enabler

Server Virtualization Software: An Introduction

Server Virtualization Approaches

Full Virtualization

Para Virtualization

Operating System Level Virtualization

Purpose

Key Benefits

"Little" or "No" Overhead

Storage

Flexibility - A Key Challenge

Virtual Server

Virtual Servers Vs Physical Servers

Physical Server to Virtual Server Migration

Types of Server Virtualization

x86 Server Virtualization

Midrange Server Virtualization

Key Steps in Implementation of Server Virtualization

Planning

Evaluation

Component Inventory

Performance Metrics

Candidate Identification

Selection and Implementation

Deployment and Selection

Integrated Virtualization

Elemental virtualization

Deployment of Virtualization Software



Usage

Security of Virtual Environments

Pros & Cons

Key Benefits Package

Better Functionality Levels

Provides Operational Flexibility

Ensures Rapid Enhancement of Existing IT infrastructure

Streamlining Server Management

Ensures Better Server Utilization Rates

Reduces Downtime

Reduction in Operating and Maintenance Costs

Uncomplicated Business Continuity Feature

Challenges

Performance Degradation

Impact on CPU and Network Performance

Impact on Storage Performance

Impact on Memory Performance

Impact on Network Traffic

Impact on Chatty Applications

Scalability Challenges

Challenges with Tracking Dynamic VMs

Security Challenges

3.TECHNOLOGY INTRODUCTIONS/ INNOVATIONS

Oracle Presents Oracle VM Server for SPARC 2.0.

VMware & NetApp Present their New Offering for Midsize Enterprises

Citrix Releases its Latest XenServer Version

Dell Introduces 4 New PowerEdge Servers

Fujitsu Unveils 'My Very First Hyper-V' Server Virtualization Solution

VM6 Software Unveils VM6 VMex Enterprise Edition

Red Hat Expands its Virtualization Product Portfolio; To Compete with VMware and

Microsoft

Oracle Announces Launch of Latest Server Virtualization Software

Neterion Announces Global Launch of 3rd Generation I/O Virtualized X3110 10GbE

Server Adapter

Hewlett-Packard Unveils NAS Platform

IBM Introduces IBM Virtual Server Security

Lenovo Introduces New ThinkServers



Apptio Launches Server Virtualization Cost Transparency Solution

Hyperformix Launches Capacity Manager 5.0

Brocade Launches Brocade FX8-24 Extension Blade and Brocade FCoE 10-24 Blade

Oracle Launches Oracle VM 2.2

VMware Unveils vCenter Server Heartbeat

Sun Microsystems Launches Virtualization Solutions for Medium and Small-Sized Enterprises

Sun Microsystems Launches New VirtualBox with Enhanced Virtualization Features

Red Hat Unveils Red Hat Enterprise Virtualization for Servers

Oracle Unveils Siebel CRM-based Oracle® VM Template

IBM Launches Novel System Software to Maintain and Build Data Centers

Citrix Systems Introduces Citrix XenServerTM 5.5

Sun Microsystems Introduces X4450 and X6450 Servers

Parallels Introduces Virtualization Server

Symantec Launches Veritas Virtual Infrastructure

Sun Microsystems Unveils Sun xVM

Parallels Launches Virtuozzo Containers 4.0

Citrix Systems Unveils Citrix® XenServer 5

Microsoft Unveils Release Candidate of Microsoft Hyper-V

Citrix Systems Launches Citrix XenServer and Citrix XenServer 4.1

Red Hat Unveils Virtualization Capabilities

Sun Microsystems Introduces Novel Intel Xeon-based servers

Sun Microsystems Introduces Sun xVM Server software and Sun xVM Ops Center 2.0

HP Launches HP ProLiant iVirtualization

4.RECENT INDUSTRY ACTIVITY

IBM to Takeover BLADE Network Technologies

HP to Takeover 3PAR

VMware Takes Over TriCipher and Integrien

Citrix Takes Over VMLogix

Quest Announces its Acquisition of Surgient

Dell Enters into Agreement To Buy Scalent Systems, Inc.

Violin Memory Takes Over Gear6 Assets

Arrow Enterprise Computing Solutions & IBM Czech Republic Sign Distribution

Agreement

Host Europe Takes Over Virtualization Firm Vanager

VMware to Acquire Ionix IT Management Business of EMC

Cavalier Announces Take Over of NET Telcos



Xigent Solutions Takes Over Xcedex's Professional Services Division

Novell & VMware Extend their Collaboration to Deliver SUSE® Linux Enterprise Server for VMware vSphere™ Environments

3PAR EXPANDS CLOUD SUPPORT WITH RED HAT SERVER VIRTUALIZATION 3PAR EXTENDS PARTNERSHIP WITH CITRIX

Lanamark and Oracle Collaborate

VMware Acquires SpringSource

Widearea Systems Announces Its Acquisition of NYTOR Technologies

CISCO and EMC To Enter into Partnership

Microsoft Enters into Alliance with Citrix Systems

Oracle Acquires Virtual Iron

Lanamark Inks Agreement with InterAct

Citrix Systems Enters into Collaboration with SignaCert

Lanamark Enters into Partnership with Avnet Technology Solutions

Zurich Financial Services Selects CSC for IT Services Contract

Taco Chooses Syncsort's BEX

U21Global Deploys Red Hat Enterprise Linux 5 Virtualization Technology

VMware Signs Agreement with Lenovo

Red Hat and Microsoft Corporation Ink an Agreement

Red Hat Collaborates With Cisco

Red Hat and HP Extend Collaboration

Sun Microsystems and HP Extend Partnership Agreement

Citrix Systems Enters into Alliance with Microsoft Corporation

VessRAID Bags VMware Certification

VMware Purchase Foedus

CohesiveFT Collaborates with Virtual Iron

Symantec to Participate VMware Alliance Affiliate Initiative

Novell and Microsoft Collaborates for Virtualization Solution

Emulex Participates in VMware Alliance Affiliate Initiative

Alternative Technology Signs an Agreement with Marathon Technology

3LEAF SYSTEMS CHOOSES DDR MEMORY CONTROLLER BY VIRAGE LOGIC

Citrix Systems Enters into Partnership with NetApp

AMD Enters into Collaboration with Microsoft for Windows Server 2008

FalconStor Software Enters into Collaboration with Virtual Iron

Citrix Systems Extends Collaboration with Microsoft

Microsoft Purchases Calista Technologies

Sun Microsystems to Purchase innotek

Sun Microsystems to Purchase Parallels

Novell Acquires PlateSpin



INX Takes Over AccessFlow

HP to Take Over LeftHand Networks

Sun Microsystems Extends Cross-Platform Virtualization Alliance with Microsoft

Citrix Systems Collaborates with Intel and HP

Intel Takes Over Assets of NetEffect

Citrix Systems and HP Sign an Agreement

Lenovo and Citrix Systems Sign an OEM Agreement

VMware Enters Into an Agreement with HP

Avnet Technology Solutions Enters into Partnership with Novell

Sun Microsystems Enters into an Agreement with VMware

5.FOCUS ON SELECT GLOBAL PLAYERS

Citrix Systems, Inc., (USA)

Dell, Inc. (US)

Hewlett-Packard Development Company (US)

International Business Machines Corporation (USA)

Microsoft Corporation, (USA)

Oracle Corporation (USA)

Parallels, Inc., (USA)

Proxmox Server Solutions GmbH (Austria)

Red Hat, Inc., (USA)

VMWARE, Inc., (USA)

6.GLOBAL MARKET PERSPECTIVE

Table 11. World Recent Past, Current & Future Analysis for Server Virtualization Software by Host Operating System – Windows, Linux & Other Open Source and Others Independently Analyzed with Annual Sales in US\$ Million for Years 2006 through 2015 (includes corresponding Graph/Chart)

Table 12. World 10-Year Perspective for Server Virtualization Software by Host Operating System – Percentage Breakdown of Annual Sales for Windows, Linux & Other Open Source and Other Markets for Years 2006, 2009 & 2015 (includes corresponding Graph/Chart)

III. COMPETITIVE LANDSCAPE



Total Companies Profiled: 35 (including Divisions/Subsidiaries - 37)

Region/CountryPlayers

The United States32

Canada

Europe

The United Kingdom

Rest of Europe

Asia-Pacific (Excluding Japan)



I would like to order

Product name: Server Virtualization Software: Market Research Report Product link: https://marketpublishers.com/r/S8A21275BCAEN.html

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/S8A21275BCAEN.html