



Product Overview

Company:	Add-On Products
Product:	Resource Central 3
Version:	3.0
Description:	Resource Central is the complete meeting and conference planning tool for Outlook users. Resource Central offers you the opportunity to order all associated services for your Outlook meetings while you're booking your regular meeting within Outlook. Resource Central is based on a standard
Language	
Category:	Single Byte
Language(s)	
Tested:	English
Report Date:	May 13, 2008
Certified for:	Windows Server 2003 Enterprise Edition

Summary of Key Features




Core Capabilities

Windows Fundamentals	Pass	<i>Required:</i> A compliant product will execute on Windows and will not adversely affect the reliability of the operating system.
Installation Requirements	Pass	<i>Required:</i> The product will install and uninstall in accord with Windows requirements. This provides a predictable installation experience for users.
Security Services	Pass	<i>Required:</i> The product tested complies with the security requirements in the Application Specification.
Reliability and High Availability	Pass	<i>Required for Enterprise Edition and Datacenter Edition:</i> Under situations of high load, high stress or limited resources, the application must remain stable and highly available.
24x7 Support	NA	<i>Required only for Datacenter Edition:</i> The application vendor supports this product 24 hours a day, 7 days a week.

Optimized Capabilities

Active Directory	N/A	<i>Recommended:</i> Various components of the application should be made available by storing information in Active Directory.
Terminal Server	N/A	<i>Recommended:</i> These additional requirements describe how to take advantage of Windows Terminal Services technologies.
Manageability	N/A	<i>Recommended:</i> Manageable solutions are easier for systems and network administrators to deploy, operate, and upgrade/decommission.

VeriTest Lab Sponsors

	Intel® Xeon™ processor, Intel® Xeon™ processor MP and Intel® Itanium® 2 processors combined with Microsoft Windows Server 2003 enable the industry to deliver complete top to bottom enterprise platforms. (www.intel.com/go/xeon_mp and www.intel.com/go/itanium2)
	IBM Rational Software TestStudio is a comprehensive testing platform that automates functional, performance and reliability testing of all applications and architectures. It provides testers with built-in process guidance and mentoring; integrated defect management; runtime analysis; a centralized test management tool; and ensures that the entire team works with the same data and metrics. (www.rational.com/products/tstudio)
	The Unisys ES7000 offers mainframe-class characteristics on an open server platform. Built on Intel processor technologies, the ES7000 features the Cellular Multiprocessing (CMP) architecture. (www.unisys.com – "Hardware")

Summary of Test Results

VeriTest has confirmed that this application supports the requirements of the "Microsoft Certified for Windows Server 2003 Application Specification" or has obtained specific exemptions (detailed in Appendix A where applicable) from the Certified for Windows Team at Microsoft, and is qualified to use the "Certified for Microsoft Windows" logo stated on page one of this report. VeriTest followed test procedures established by Microsoft Corporation, and used the "Microsoft Certified for Windows Server 2003 Application Test Framework."

A. The High-Availability Solution *(For Enterprise and Datacenter Editions)*

- | | |
|----------------------|---|
| 1) Domain Controller | Component(s) installed on this machine: |
| 2) Node 1 | Component(s) installed on this machine:
Resource Central 3.0
Exchange Server 2003 |
| 3) Node 2 | Component(s) installed on this machine:
Resource Central 3.0
Exchange Server 2003 |
| 4) Node 3 | Component(s) installed on this machine:
Resource Central 3.0
Exchange Server 2003 |
| 5) Node 4 | Component(s) installed on this machine:
Resource Central 3.0
Exchange Server 2003 |
| 6) Member 1 | Component(s) installed on this machine:
Test Harness |

A. Kernel Mode *(Components and How They Were Qualified)*

No kernel components installed.

B. The High-Availability Solution *(For Enterprise and Datacenter Editions)*

A Microsoft Cluster was configured with Resource Central and Exchange Server installed on the nodes.

C. Test Harness *(Only for Datacenter Edition)*

N/A

About VeriTest

VeriTest is a testing service of Lionbridge Technologies, the leading provider of globalization and offshoring services that enable clients to develop, localize, test, and maintain their enterprise content and technology applications globally. Lionbridge serves hundreds of companies worldwide, from startups to the 10 largest in the world. Learn more at www.lionbridge.com.

VeriTest is the leading provider of comprehensive product testing, product certification, and strategic QA consulting services to the IT developer community. Since 1987, VeriTest clients have leveraged our experience, partnerships, and scalable resources to take the uncertainty out of product quality. We help our clients reduce the cost of testing, while speeding time to market and ensuring the integrity of global brands.

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VeriTest conducts testing for this program using methods provided by Microsoft Corporation and reports the results of that testing.

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All software includes defects: nothing in this document is intended to represent or warrant that testing was complete and without error, nor does this document represent or warrant that the Product tested is suitable to task, free of other defects than reported, fully compliant with any industry standards, Year 2000 compliant nor fully compatible with any operating system, any hardware or other product.

Please refer to the VeriTest Master Testing Agreement for Microsoft Logos for further conditions to this report.

Appendix A: Detailed Test Results

Core Capabilities

	Result	Notes
Chapter 1 - Windows Fundamentals		
1.1 Perform primary functionality and maintain stability	Pass	
1.2 Any kernel-mode drivers that the application installs must pass verification testing on Windows .NET	N/A	
1.3 Any device or filter drivers included with the application must pass Windows HCT testing	N/A	
1.4 Perform Windows version checking correctly	Pass	
1.5 Support Long Path Names	Pass	
1.6 Execute appropriately in a multi-lingual environment	Pass	
1.7 Ensure non-hidden files outside of your application directory have associated file-types, and all file-types have associated icons, descriptions, and actions	Pass	
1.8 Degrade gracefully when services are unavailable.	Pass	
1.9 Client components and administrative tools.	Pass	(1)
1.10 32-bit application must be able to run with PAE memory enable.	N/A	
1.11 Applications must be able to install and run on 8 and 32 processor systems.	N/A	
Chapter 2 - Installation Requirements		
2.1 Do not attempt to replace files that are protected by Windows File Protection	Pass	
2.2 Do not overwrite non-proprietary files with older versions	Pass	
2.3 Do not require a reboot inappropriately	Pass	
2.4 Install to Program Files by default	Pass	
2.5 Install any shared files that are not side-by-side to the correct locations	Pass	
2.6 Support Add or Remove Programs properly	Pass	
2.8 Ensure correct uninstall	Pass	
2.9 Installing kernel mode components	N/A	
Chapter 3 - Security Services		
3.1 Support Smart Card login	Pass	
3.2 Support Secure Credential Management	Pass	
3.3 Run in a highly secure configuration	Pass	
3.4 Do not make insecure additions to the secure desktop	Pass	
3.5 Use of network connections must be secure	Pass	
3.6 Appropriate Clustering	Pass	
3.7 Compatibility with Virus scanning of I/O write to files	Pass	
3.8 Services running as LocalSystem must not present a UI.	Pass	

Optimized Capabilities

Chapter 4 - Reliability and High Availability		
4.1 Applications must demonstrate stability under stress	N/A	
4.2 Crash Recovery and Downtime Avoidance	Pass	
4.3 Appropriate Resource Use	Pass	
4.4 Debug symbols or tools must be available	N/A	
4.5 Do not cause services to become unavailable	Pass	
Chapter 5 - 24x7 support		
5.1 24x7 Availability	N/A	
5.2 Personnel qualifications	N/A	
5.3 Access to 24x7 support, Severity levels and response commitments	N/A	
5.4 ISV obsolescence policy	N/A	
5.5 On-site capabilities	N/A	
5.6 QFE and Service Pack Guidelines	N/A	

NT= Not Tested

Appendix B: Special Notes to Test Results

Note 1: Requirement 1.9. Client components and administrative tools

Expected Behavior

Client components included with server applications must be deployable, manageable, secure, and stable. They must meet *all* of the requirements of this specification except for the server component role within crash recovery and stress testing in requirements 4.1 and 4.2.

Client components must also meet all Designed for Windows XP and Optimized for Enterprises requirements. During formal testing for certification, any observed failure of any of these requirements will be a failure for certification. However, systematic testing during the formal certification test will focus on covering the essentials. The DFW-focused testing is defined in test cases TC1.9.2, TC1.9.3, TC1.9.4, and TC1.9.5.

Observed Behavior

Certified for Windows Server 2003, Enterprise Edition Result: Pass

The client Resource Central Add-in client for 2003 and 2007 is included with the server application and was fully tested on XP.

Appendix C: Additional Resources

This software vendor recommends the following valuable resource(s) for additional product information:

- www.resourcecentral.com
 - www.add-on-support.com
 - www.add-on.com
-

Appendix D: Testing Configuration

STANDARD EDITION TEST RIG

- 2 Servers – one configured as member server and one configured as domain controller
- Base 2xP3-600MHz/512K Cache
- 512MB ECC RAM, 4 DIMMs
- Terminator Card, 100MHz
- 3C980 10/100 PCI Network Card
- 3.5", 1.44MB Floppy Drive
- 17/40x IDE, CD-ROM Drive
- DNES-309170 9.1GB LVD Hard Drive x 3
- Maxtor Diamond Max
- 10GB IDE Hard Disk
- System Mouse
- Keyboard - 104 Key 6 Pin

XP WORKSTATION

- Intel® Pentium® III processor 450 Mhz.
- 128 MB PC100 SDIMM RAM
- 3.5" Floppy Disk Drive
- 10.1 GB IDE Hard Disk Drive
- 18.2 GB SCSI Hard Disk Drive
- 40x IDE CD-ROM Drive
- 40x SCSI CD-ROM Drive
- 2Gb External Jazz Drive
- G200 AGP 2x Display Adapter
- V550 PCI Display Adapter
- Two 3C905B-TX Network Interface Cards
- AWE64 Sound Card
- PS-2 104-key Windows95 Keyboard
- USB 104-key Windows95 Keyboard
- PS-2 Microsoft Intellimouse
- USB Wheel Mouse

ENTERPRISE AND DATACENTER EDITIONS TEST RIG

IBM - eServer xSeries

4 - eServer xSeries 440 (Datacenter cluster)

- 2IBM Total Storage FAStT FC-2 Host Bus Adapter
- 12 1GB PC133 ECC SDRAM RDIMM
- 1IBM 10/100 Ethernet Server Adapter
- 1IBM ServeRAID-4Mx Ultra160 SCSI Controller
- 8Intel® Pentium® III Xeon processor 1.5GHz/400MHz, 512KB, 2GB
- 4512MB PC133 ECC SDRAM RDIMM
- 2IBM 36.4GB 10K Ultra160 SCSI Hot-Swap SL HDD
- 1xSeries SMP Expansion Module

IBM Storage and Other Components

- 1IBM Total Storage FAStT700 Storage Server
- 1 IBM FAStT EXP500 Storage Expansion Unit
- 10 IBM 36.4 GB 10K-4 FC Hot-Swap HDD
- 2IBM FAStT700 Mini Hub
- 4Netfinity Fibre Channel Short-Wave GBIC
- 10 IBM Short Wave SFP Module
- 1Black TrackPoint Spacesaver Keyboard
- 1T540 15" Flat Panel Colour Monitor
- 1NetBAY 2x8 Console Switch

HP

- One DL380 server for use as a domain controller
- Two DL380 servers for use as member servers

DATACENTER EDITION TEST RIG**Unisys – ES7000**

- 1ES732251-ZDU SVR:32X DUAL DOMAIN
- 4PCI3-MOD I/F:PCI MODULE 3.3
- 4PCI502-P64 CTRL:64BIT 2CHAN,LVD/SCS
- 4ETH1010094-P64 CTRL:QUAD ETHERNET, 64-B
- 8FCH20111-P64 CTRL:FIBRE CPR SWT CAPAB
- 32 ES74550-512 PROC:4X PIII XEON 512 L2 PTN550-512 PROC:550MZ,512K L2 CACHE
- 2RAM512-8G MEM:8 GB Memory
- 1ES70001-HAP ACC:HIGH AVAILABILITY PK
- 8HDL18110-CX1 DISK:18GB 10K LVD SCA
- 2APA1000-AC2 POWER:AC ENTRY MOD 3 PH
- 2CDR1740-SI CDR:17-40X SCSI CD-ROM
- 4PCI10001-CXG COMM HW:GIGANET CLUSTER
- 1Sub-Configuration Disk and Tape Subsystems
- 2ESM7700-A10 DISK:FC RAID 512MB 648 GB
- 4OSM1000-HUB DISK:OSM 10 PORT HUB

Appendix E: Test Procedure

The following is a high-level overview of the procedure VeriTest used to execute the primary functionality of the application. Most of the details to achieve full coverage of all primary functionality are not shown:

- 1) Locate available resources in Outlook
 - 2) Order additional meeting services
 - 3) Change and cancel orders
-

Appendix F: Installation and Prerequisites

The following actions must be performed before primary functionality tests can be executed:

- 1) Install IIS
- 2) Install Exchange Server
- 3) Install Resource Central

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