Intel® Server Essentials

Tested Software and Operating System List

Revision 1.0

May, 2006

Enterprise Platforms and Services Division

Revision History

Date	Revision Number	Modifications
May 2006	1.0	Initial Release

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1. Introduction

This document is intended to provide users of Intel® Server Essentials a guide to the different operating systems supported. Intel® Server Essentials include the Intel® Remote Management Module, Intel® Deployment Assistant, and the Intel® System Management Software.

This document will continue to be updated as new operating systems are tested or until the Intel® Server Essentials is no longer in production. Each new release of the document will present updated information as well as continue to provide the information from previous releases.

The operating systems (IA32 and Intel® Extended Memory 64 Technology (EM64T) versions) are supported unless otherwise noted in the *Tested Hardware and Operating System List* for a specific platform.

Unless otherwise specified, listed operating systems are 32-bit version.

2. Intel® Deployment Assistant

The Intel® Deployment Assistant utility is provided to simplify, accelerate, standardize and clarify the process of building, loading and deploying Intel server products. The Intel® Deployment Assistant allows unattended OS installations. The supported OSes for un-attended installation are as follows.

Red Hat* Enterprise Linux 4 ES/AS Update 2

Red Hat* Enterprise Linux 4 ES/AS, EM64T Update 2

Microsoft Windows* Server 2003 Enterprise Edition with Service Pack 1

Microsoft Windows* Server 2003 Enterprise Edition Release 2

Microsoft Windows* 2003 Small Business Server with Service Pack 1

Microsoft Windows* XP Professional with Service Pack 1

Microsoft Windows* XP Professional EM64T with Service Pack 2

SuSE* Linux Enterprise Server 9 EM64T with Service Pack 2

3. Intel® Remote Management Module

The Intel® Remote Management Module allows a user on a client system to connect over TCP/IP from a web browser. Remotely the user will have remote Keyboard Video Mouse (KVM) capability. In addition, the Intel® Remote Management Module will support virtual media redirection. OS support can be divided into support on the managed server system on which the module is installed and OS support for the remote client.

3.1 Managed Server OS Support

Following are OSes supported on the managed server on which the Intel® Remote Management Module is installed. OS Support would apply to the KVM and virtual media redirection functions.

Microsoft Windows* 2000 Server with Service Pack 4

Microsoft Windows* Server 2003 Enterprise Edition with Service Pack 1

Microsoft Windows* 2003 Advanced Server with Service Pack 1

Microsoft Windows* 2003 Enterprise Edition Release 2

Microsoft Windows* 2003 Small Business Server with Service Pack 1

Red Hat* Enterprise Linux 4 AS with Update 2

Red Hat* Enterprise Linux 4 AS, EM64T with Update 2

SuSE* Linux Enterprise Server 9 with Service Pack 2

SuSE* Linux Enterprise Server 9 EM64T with Update 2

3.2 Client OS Support

Following are operating systems and browsers supported on the client operating system.

Microsoft Windows* XP Professional with Service Pack 2 with Internet Explorer browser

Microsoft Windows* 2003 Enterprise Edition with Service Pack 1 with Internet Explorer browser

Red Hat* Linux 4 Workstation with Firefox or Mozilla browser

SuSE* Linux 9 Professional 9.1 with Mozilla browser

4. Intel® System Management Software

4.1 Software Application Components

Intel® System Management Software 1.0 is a set of software applications tailored to meet server monitoring and management needs. Intel® System Management Software includes Intel® Active System Console and LANDesk* System Manager. The table lists the operating systems and then column headings A through G (as defined below) are marked with a Y(yes) or N(no) to indicate whether that portion of the package supports that operating system. Packages D through G can be installed separately.

A=Intel® Active System Console

B=LANDesk* System Manager (core admin)

C=Managed node

D=Intel® Command Line Interface (Intel CLI) Proxy Server

E=Intel® SNMP Subagent for Intel server baseboards

F=Intel® One Boot Flash Update (Intel OFU) Utility (Note: EM64T supports requires Compatibility Mode)

G=Intel® Advanced Remote Server Control (ARSC)

Notes:

1. Supported languages are: English, German, Russian, French, Spanish, Brazilian Portuguese, Japanese, Traditional Chinese, and Simplified Chinese, Korean (except for items D thru G). Also note that Korean support is planned for support in Intel System Management Software 1.5.

2. Microsoft Windows* 2003 Release 2, Red Hat* Enterprise Linux 4 with Update 3, and SUSE* Linux Server 9 with Service Pack 3 and SUSE* Linux Server 10 is planned for support in Intel System Management Software 1.5.

3. On systems which do not have a Baseboard Management Controller (BMC) (for example, SE7230NH1-E) and are running a Linux operating system, open source lm_sensors package is required for items A and C. Items A and C only support lm_sensors on Red Hat* Linux 3 with Update 6. None of the other versions of Linux are supported.

	A	B	C	D	E	F	G
Microsoft Windows* 2000 Server with Service Pack 4	Y	Y	Y	Y	Y	N	Y
Microsoft Windows* 2000 Advanced Server with Service Pack 4	Y	Y	Y	Y	Y	Y	Y

Microsoft Windows* 2000 Professional with Service Pack 4	Y	N	Y	N	N	N	Y
Microsoft Windows* 2003 Standard with Service Pack 1	Y	Y	Y	Y	Y	Y	Y
Microsoft Windows* 2003 Standard EM64T with Service Pack 1	N	N	N	Y	N	Y	Y
Microsoft Windows* 2003 Enterprise with Service Pack 1	Y	Y	Y	Y	Y	Y	Y
Microsoft Windows* 2003 Enterprise EM64T with Service Pack 1	Y	N	Y	Y	Y	Y	Y
Microsoft Windows* 2003 Standard Release 2	Y	N	Y	N	Y	N	Y
Microsoft Windows* 2003 Enterprise Release 2	Y	Y	Y	Y	Y	N	Y
Microsoft Windows* 2003 Enterprise EM64T Release 2	Y	N	Y	N	Y	N	N
Microsoft Windows* XP Professional with Service Pack 2	Y	N	Y	Y	Y	N	Y
Microsoft Windows* XP Professional EM64T with Service Pack 2	Y	N	Y	Y	Y	N	Y
Microsoft Windows* 2000 Small Business Server with Service Pack 4	Y	N	Y	N	N	N	N
Microsoft Windows* 2003 Small Business Server with Service Pack 1	Y	N	Y	N	N	N	N
Red Hat* Enterprise Linux 3 ES with Update 6	Y	N	Y	Y	Y	Y	Y
Red Hat* Enterprise Linux 3 ES EM64T with Update 6	Y	N	Y	Y	Y	Y	Y
Red Hat* Enterprise Linux 3 Workstation with Update 6	N	N	Y	N	N	N	N
Red Hat* Enterprise Linux 3 Workstation EM64T with Update 6	N	N	Y	N	N	N	N
Red Hat* Enterprise Linux 3 AS with Update 6	Y	N	Y	Y	Y	Y	Y
Red Hat* Enterprise Linux 3 AS EM64T with Update 6	Y	N	Y	Y	Y	Y	Y
Red Hat* Enterprise Linux 4 ES with Update 2	Y	N	Y	Y	Y	Y	Y
Red Hat* Enterprise Linux 4 ES EM64T with Update 2	Y	N	Y	Y	Y	Y	Y
Red Hat* Enterprise Linux 4 Workstation with Update 2	N	N	Y	N	N	N	N
Red Hat* Enterprise Linux 4 Workstation EM64T with Update 2	N	N	Y	N	N	N	N
Red Hat* Enterprise Linux 4 AS with Update 2	Y	N	Y	Y	Y	Y	Y
Red Hat* Enterprise Linux 4 AS EM64T with Update 2	Y	N	Y	Y	Y	Y	Y
Red Hat* Enterprise Linux 4 ES with Update 3	Y	N	Y	Y	Y	Y	Y

Red Hat* Enterprise Linux 4 ES EM64T with Update 3	Y	N	Y	Y	Y	Y	Y
Red Hat* Enterprise Linux 4 Workstation with Update 3	N	N	Y	N	N	N	N
Red Hat* Enterprise Linux 4 Workstation EM64T with Update 3	N	N	Y	N	N	N	N
Red Hat* Enterprise Linux 4 AS with Update 3	Y	N	Y	Y	Y	Y	Y
Red Hat* Enterprise Linux 4 AS EM64T with Update 3	Y	N	Y	Y	Y	Y	Y
SUSE* Linux Server 9 ES with Service Pack 2	Y	N	Y	Y	Y	Y	Y
SUSE* Linux Server 9 ES EM64T with Service Pack 2	Y	N	Y	Y	Y	Y	Y
SUSE* Linux Server 9 ES SP3	Y	N	Y	Y	Y	Y	Y
SUSE* Linux Server 9 ES EM64T with Service Pack 3	Y	N	Y	Y	Y	Y	Y
SUSE* Linux Professional 9.3	N	N	Y	N	N	N	N
SUSE* Linux Professional 9.3 EM64T	N	N	Y	N	N	N	N
SUSE* Linux Server 10 ES	Y	N	Y	Y	Y	N	Y
SUSE* Linux Server 10 ES EM64T Legacy	Y	N	Y	Y	Y	N	Y
SUSE* Linux Server 10 ES EM64T EFI	Y	N	Y	Y	Y	N	Y

5. Intel Server Boards Supported

Intel® Server Management Software 1.0 was the first major release. Paragraph 5.1.1 lists the Intel server boards supported by Intel® Server Management Software 1.0 release of the product. Subsequent web patch updates (target release date Q2 2006) will support additional Intel server boards as listed in paragraph 5.1.2. Intel® System Management Software 1.5 (target release date Q3 2006) will support additional Intel server boards as listed in paragraph 5.1.3.

5.1.1 Intel® System Management Software 1.0

Intel® System Management Software 1.0 supports the following Intel server boards:

Intel® Entry Server Board SE7221BA1-E

Intel® Entry Server Board SE7221BK1-E

Intel® Entry Server Platform SR1425BK1-E

Intel® Entry Server Board SE7230NH1-E

Intel® Entry Server Platform 1475NH1-E

Intel® Server Board SE7320EP2

Intel® Server Board SE7320VP2

Intel® Server Board SE7320SP2

Intel® Server Board SE7520AF2

Intel® Server Board SE7520BD2

Intel® Server Board SE7520BB2D2

Intel® Server Board SE7520JR2

Intel® Server Board SE7525RP2

Intel® Server Board SE7525GP2

Intel® Server Compute Blade SBX82

Intel® Server Compute Blade SBX44

Intel® Carrier Grade Server TIGI2U

5.1.2 Intel® System Management Software 1.0 with Web Patch Updates

Intel® System Management Software 1.0 together with patches supports the following Intel server boards in addition to those listed in paragraph 5.1.1:

Intel® Server Board S5000PAL

Intel® Server Board S5000PSL

Intel® Server Board S5000VSA

Intel® Server Board S5000XVN

Intel® Server Compute Blade SBXD62

Intel® Server Platform SR4850HW4M

Intel® Server Platform SR6850HW4M

5.1.3 Intel® System Management Software 1.5

Intel® System Management Software 1.5 supports the following Intel server boards in addition to those listed in paragraphs 5.1.1 and 5.1.2:

Intel® Server Board S3000AH

Intel® Server Board SC5400RA