

# IBM® Tivoli® Storage Manager

## Backup-Archive Client Platforms

IBM Tivoli Storage Manager, version 5.3 clients are supported on the following operating systems:

- AIX® 5.1, 5.2, and 5.3 (32-bit and 64-bit)
- HP/UX 11.0, 11i (32-bit and 64-bit)
- Linux® x86 2.4 kernel (Red Hat 7.2, 7.3, 8, and Advanced Server 2.1; SuSE 7.3, 8.0, 8.1, and SLES 7 and 8; TurboLinux 7.5, and 8.0)
- Linux for pSeries® 2.4 kernel (SuSE 8.0)
- Linux/390 and zSeries 2.4 kernel (SuSE Linux Enterprise Server 7 and 8)
- Macintosh, X(10).x
- Novell NetWare 5.1, 6
- OS/390®, zSeries USS (S/390® V2R10 with SMP/E, z/OS® V1R1, V1R2, V1R3, and V1R4)
- OS/400® 5.1 or 5.2 API client
- SGI IRIX UNIX®, Release 6.5 with EFS or XFS File Systems (with V5.1 functional client)
- Sun Solaris, 7, 8, or 9 (32-bit or 64 bit)
- Tru64 UNIX, Version 5.1A (with V5.1 functional client)
- Windows® XP (32 bit and 64 bit), Windows Server 2003 (32 bit or 64 bit), Windows 2000 Professional, Advanced Server, and Datacenter Server
- Windows NT 4.0 SP5 and SP6a (with V5.1 functional client)

Check the IBM Web site for a complete list.

## Windows Client Requirements

### **Hardware requirements**

- An Intel™ Pentium or compatible processor, or multiprocessor based computer
- Disk space: see the README file that is shipped on the product installation media
- Memory: 128 MB
- A minimum screen resolution of 800 by 600 pixels is required to display the Tivoli Storage Manager Backup-Archive Client GUI and Web GUI.

The online installation instructions display how much space is required for the selected installation options, and how much space is available on the hard disk.

### **Software requirements**

Windows 2000 (all editions), Windows XP Professional, Windows Server 2003 (all editions, 32 and 64 bit).

Notes:

1. Service Pack 2 or Service Pack 3 is required for all Windows 2000 machines. Service Pack 3 is required for back up and restore of SAN File Systems on Windows 2000.
2. Windows 2000 hot fix 843198 is required when performing open file backup in conjunction with Windows Encrypting File System (EFS) files.
3. To back up the Windows Server 2003 system state or system services components, your Windows Server 2003 client must be connected to a Tivoli Storage Manager Version 5.2.0 or higher server.

## Macintosh Client Requirements

### **Hardware requirements**

- Any PowerBook or Power Macintosh personal computer (G3 or higher)
- Disk space: see the README file that is shipped on the product installation media.
- Memory: 128 MB
- A minimum screen resolution of 800 by 600 pixels is required to display the Tivoli Storage Manager Backup-Archive Client GUI.

### **Software requirements**

Macintosh OS X 10.3.9 or higher

## Netware Client Requirements

### **Hardware requirements**

- A personal computer or workstation running as a NetWare file server
- Disk space: see the README file that is shipped on the product installation media
- Memory: approximately 1 MB of RAM is needed for each 8,000 files per volume
- A minimum screen resolution of 800 by 600 pixels is required to display the Tivoli Storage Manager Backup-Archive Client Web GUI.

### **Software requirements**

Novell NetWare 5.1, 6.0, and 6.5. These Novell NetWare server levels are required for local or remote Tivoli Storage Manager operations. See the README file that is shipped on the product installation media for information on supported patches from Novell.

## Linux on Intel x86 Client Requirements

### **Hardware requirements**

- X86 based PC architecture (Pentium or higher)
- Disk space: see the README file that is shipped on the product installation media
- Memory: 128 MB
- A minimum screen resolution of 800 by 600 pixels is required to display the Tivoli Storage Manager Backup-Archive Client Java™ GUI and Web GUI.

### **Software requirements**

The backup-archive client requires the following software to run:

- Red Hat Enterprise Linux 3.0
- SUSE SLES 8 and 9
- Java JRE 1.4.1, or later
- For GPFS ACL support on Linux86, the Tivoli Storage Manager client uses libgpfs.so library (which comes in the standard GPFS package). For Ext2/Ext3/XFS ACL support on Linux86, the Tivoli Storage Manager client uses libacl.so (which comes in the libacl package).
- A Mozilla 1.4 or higher browser

For EXT2/EXT3/XFS ACL support, you also need the acl-2.0.19-17 package.

## Linux for pSeries and Linux for iSeries® Client Requirements

### **Hardware requirements**

- Any Power PC®
- Disk space: see the README file that is shipped on the product installation media
- Memory: 128 MB
- A minimum screen resolution of 800 by 600 pixels is required to display the Tivoli Storage Manager Backup-Archive Client Java GUI and Web GUI.

### **Software requirements**

The backup-archive client requires the following software to run:

- SUSE SLES 8 or 9
- Red Hat Enterprise Linux 3.0
- Java JRE 1.4.1 or higher for the Web client
- A Mozilla 1.4 or higher browser

For EXT2/EXT3/XFS ACL support, you also need the acl-2.0.19-17 package.

## Linux for IBM eServer® zSeries Client Requirements

### **Hardware requirements**

- A 9672 G5 or G6, Multiprise 3000, or zSeries 800 or 900 (31-bit and 64-bit mode)
- Disk space: see the README file that is shipped on the product installation media.
- Memory: 128 MB
- A minimum screen resolution of 800 by 600 pixels is required to display the Tivoli Storage Manager Backup-Archive Client Web GUI.

### **Software requirements**

The backup-archive client requires the following software to run:

- SUSE SLES 8 and 9 for zSeries
- Red Hat Enterprise Linux 3.0
- Java JRE 1.4.1 or higher for the Web client
- A Mozilla 1.4 or higher browser

For EXT2/EXT3/XFS ACL support, you also need the acl-2.0.19-17 package.

## [z/OS UNIX System Services Client Requirements](#)

### **Hardware requirements**

- Any zSeries architecture CPU
- Disk space: see the README file that is shipped on the product installation media.
- A minimum screen resolution of 800 by 600 pixels is required to display the Tivoli Storage Manager Backup-Archive Client Web GUI.

### **Software requirements**

- z/OS V1R4, z/OS V1R5 or z/OS V1R6
- Java JRE 1.4.1 or higher for the Web client

## [AIX Client Requirements](#)

### **Hardware requirements**

- A RISC System/6000, pSeries, iSeries, or compatible hardware, as supported by AIX
- Disk space: see the README file that is shipped on the product installation media
- Memory: 128 MB
- A minimum screen resolution of 800 by 600 pixels is required to display the Tivoli Storage Manager Backup-Archive Client Java GUI and Web GUI.

For HACMP™:

Machine:

- At least two identical pSeries (RS/6000), SSA shared hard disk array
- One additional network adapter for each machine
- Memory: 128 MB

### **Software requirements**

- Backup-Archive client
  - AIX 5.1 (32-bit or 64-bit kernel mode)
    - bos.rte 5.1.0.25 or higher
  - AIX 5.2 (32-bit or 64-bit kernel mode)
    - bos.rte 5.2.0.30 (Maintenance Level 3) or higher
  - AIX 5.3 (32-bit or 64-bit kernel mode)
  - HACMP support: AIX 5.1 (32-bit or 64-bit kernel mode), AIX 5.2 (32-bit or 64-bit kernel mode), AIX 5.3 (32-bit or 64-bit kernel mode) HACMP 5.1 or 5.2
  - GPFS 2.2
  - Veritas (VxFS) 3.4
  - SAN File System 2.1
- Java JRE 1.4.1 or higher for the Web client and Java GUI
- A Mozilla 1.4 or higher browser

## **HP-UX PA-RISC Client Requirements**

### **Hardware requirements**

- An HP 9000 Series 700 or 800 workstation or server
- Disk space: 100 MB for installed files, database, recovery log, and utilities; 60 MB for swap space; see the README file that is shipped on the product installation media
- Memory: 256 MB
- A minimum screen resolution of 800 by 600 pixels is required to display the Tivoli Storage Manager Backup-Archive Client Java GUI and Web GUI.

### **Software requirements**

- HP-UX 11i v1 (32-bit or 64-bit)
- Java JRE 1.4.1 or higher for the Web client and Java GUI
- A Mozilla 1.4 or higher browser
- Hierarchical Storage Management client: Veritas Filesystem 3.5 (VxFS), Veritas Volume Manager 3.5 (VxVM), OnlineJFS 3.3 or 3.5

## **HP-UX Itanium 2 Client Requirements**

### **Hardware requirements**

- An HP-UX Itanium 2 processor
- Disk space: 72 MB hard disk space (includes full install, 9 MB recovery log, 17 MB database): 70 MB; see the README file that is shipped on the product installation media
- Memory: 256 MB
- A minimum screen resolution of 800 by 600 pixels is required to display the Tivoli Storage Manager Backup-Archive Client Java GUI and Web GUI.

### **Software requirements**

- HP-UX 11i v2
- Java JRE 1.4.1 or higher for the Web client and Java GUI
- A Mozilla 1.4 or higher browser

## **Solaris client Requirement**

### **Hardware requirements**

- A SPARCstation based on sun4u architecture or compatible workstation
- 100 MB of available disk space

Note: The installation procedure requires up to 150 MB of temporary disk space in the /var file system.

- Memory: 128 MB
- A minimum screen resolution of 800 by 600 pixels is required to display the Tivoli Storage Manager Backup-Archive Client Java GUI and Web GUI.

### **Software requirements**

One of the following operating systems:

- Sun Solaris 8 - 32-bit or 64-bit kernel mode
- Sun Solaris 9 - 32-bit or 64-bit kernel mode

The backup-archive client Java GUI requires:

- Java JRE 1.4.1 or higher for the Web client and Java GUI
- A Mozilla 1.4 or higher browser

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