



# SBAAdmin™

## System Backup Administrator

## QuickStart Guide for System Backup

### Network and Workstation Edition

This document provides the steps necessary to create a **full system backup** to a local tape or disk drive, and create boot media for system recovery using the SBAAdmin GUI. This document does not include all of the features and options available in the application, but it is intended to be used as a quick reference in starting to use Storix SBAAdmin. For more details and further documentation refer to the **SBAAdmin User Guide** and the **SBAAdmin System Recovery Guides**.

### Starting the Administrator GUI

You must be logged on as the “root” user to start the **Administrator** GUI. To start the **Administrator** interface, either launch the program from the desktop icon on the “root” user desktop or type “**sbadmin**” from any terminal.


You may also launch the **Administrator** interface and have it display on a remote Xwindow session by typing “**sbadmin -d display:0**” (where “**display**” is the hostname or IP address of the remote host. It may be necessary for you to type “**xhost +**” on the remote system to allow remote systems to use its display.

### Quick Help

You may at any time move the cursor over any object (menu option, listbox, button or entry field) in the application and press the **right mouse button**. A popup message will appear on top of the object with information on its use and any options, warnings or special instructions that might apply.

### 1. Configuring Linux, Solaris or AIX Clients (Network Edition)

A **client** is defined as any system that will be backed up using SBAAdmin. Even the local system must be configured as a client before it may be backed up.

To add a client, click **Configure→Clients** from the menu bar and the **Linux/AIX/Solaris Clients** window will display. Type the name of the client (hostname or IP address) and press the **Add** button. Press the **Cancel**  button to close the window. Refer to the **User Guide** section **Configuring Clients** for further documentation.

**Backups to disk(s) on the client:** If you want to perform the **system backup** to a **dedicated** local disk(s) on the client, select the drop-down arrow to the right of **Disk(s) for local System Backups**, and select one or more disks from the menu. You may optionally change the “**Filesystem Mount Point Directory**” to specify where these disks will be mounted.

**Note:** All data on the selected disks will be destroyed when configuring dedicated system backup disks on clients.

### 2. Configuring Servers (Network Edition)

A **server** is defined as any system to which backups will be sent. Even the local system must be configured as a server before backups may be written to a local device. To configure the backup devices and/or directories that will appear as backup media options in other part of this application, select **Configure→Servers** from the menu bar and the **Configure Server** window will display. Enter the server name (hostname or IP Address) and select **New Server**. Continue to step #3 for additional entries.

**Note:** While the Administrator system may be configured as a backup server, it is not required that the Administrator is the backup server and you may configure more than one backup server.

### 3. Configuring Backup Directories

If using *Network Edition*, the backup devices and/or directories are configured using the [Configure Servers](#) screen indicated in step #2 above. If using *Workstation Edition*, select [Configure→Backup Devices/Directories](#) from the menu bar.

Refer to the *User Guide* section [Configuring Servers, Backup Devices & Directories](#) for further documentation.

- **Backups to disk:** Enter the directory path, or use the default, where backup files will be stored in the “[Full System Backups](#)” entry box. When using *Network Edition*, you may use *%G notation* which will be replaced by the Group ID.
- **Backups to tape:** The “[Device\(s\) available for backups](#)” listbox shows all of the tape devices available on the system. You may select individual devices or “*all*” to make all tape drives available for SBAAdmin backups.

### 4. Creating a System Backup Job

A backup job must be created before any backup may be performed. There are many features and options available when configuring backup jobs that are not included in this document. Refer to the *SBAAdmin User Guide* section [Scheduling and Running Backup Jobs](#) for further documentation.

To create a SBAAdmin *full system backup job*, select [Configure→Backup Jobs](#) from the menu bar. The [Configure Backup Job](#) window will appear where you enter the [Job ID](#). You may press the [Assign New](#) button or enter your own [Job ID](#).

If you are using a *Network Edition*, you must select a server from the “[Server Name](#)” listbox. The backup will be sent to a backup device on the selected server. Optionally, if you wish to write the backup to a tape device or previously configured system backup disk on the client, you may select “[local \(client tape/disk\)](#)”.

Select “[FULL\\_SYSTEM](#)” from the [Profile Name](#) drop-down list. Enter, or select from the drop-down list, “*all*” or the individual volume groups or ZFS pools you wish to include in the backup in the [Volume Group Name\(s\) or Zpool Name\(s\)](#) field. Select the device or directory you want the backup written to from the [Device or Directory](#) drop-down list. Indicate the [Backup Schedule](#) for this backup job or select to run the job “*On Demand*”.

If you are using *Network Edition*, select the [Client\(s\)](#) that you would like to be included in this backup job.

Press the [Save](#) button to save the job information and close this window.

### 5. Running a System Backup Job

The backup job will run according to the [Backup Schedule](#) specified when creating the backup job in step #4. You may, however, start any job at any time by selecting [Actions→Run Backup Jobs](#) from the menu bar, selecting the [Backup Job ID](#) from the listbox, and pressing the [Run Now](#) button.


To view the status and progress of the backup job, select the [View Queues](#) button. The Administrator interface will display the [Queued/Running Jobs](#), and you may select the [Show Status/Output](#) button to display the [Backup Status Report](#).

### 6. Creating SBAAdmin Boot Media

A *SBAAdmin System Backup* contains all of the backup data and the information needed to recreate the system and restore the data, but to access the System Recovery process, boot media must be created. *Always test your boot media before you actually need it.* Refer to the *AIX, Linux, or Solaris System Recovery Guide* section [Creating Boot Media for System Installation](#) for further documentation.

**Note:** A full system backup of an AIX or Linux on pSeries system, which is written to tape, will automatically make the tape bootable. It is not necessary to create additional boot media.

SBAAdmin supports multiple boot media types: *CDROM, Hard Disk, Tape* (AIX or Linux on SystemP only), or *Network* (Network Edition only).

To create [SBAAdmin Boot Media](#), select [Utilities→Create/Manage Boot Media→Boot Media Type](#) you wish to create from the menu bar. If you are using *Network Edition*, it will be necessary for you to select the client for which the boot media will be created from. Press the [Create/Update](#) button to create the boot media. The status of the creation process and additional information about the boot media will be displayed. When complete, press the [Cancel](#)  button to close and return to the prior window.

It is good practice to test the SBAAdmin boot media. This will ensure that you are able to bring the system up into the SBAAdmin System Recovery process. To do this you may have to enter the BIOS or system firmware to select the proper device to boot from.

**Note:** Booting the system with the SBAAdmin boot media will have no effect on the system. No system configurations are changed and nothing will be written to the disk(s) by simply booting the system with the SBAAdmin boot media.