

BrightStor® ARCserve® Backup for Laptops & Desktops

Release Summary

11.0



Computer Associates®
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New Features

The *Release Summary* for BrightStor® ARCserve® Backup for Laptops & Desktops (formerly BrightStor® Mobile Backup) documents both new features and changes to existing features for Release 11.0. This chapter describes new features added to the product. The chapter titled “Changes to Existing Features” describes changes made to existing features.

New features include:

- Data protection
- Data growth management
- User types
- Windows domain account support
- Idle time backup
- Analysis and repair tool

Data Protection

Through integration with BrightStor® ARCserve® Backup, data protection provides a higher level of protection for the data stored on a BrightStor ARCserve Backup for Laptops & Desktops server. Data protection is most useful for archival purposes and for recovery after a catastrophe.

The BrightStor ARCserve Backup client agent discovers the BrightStor ARCserve Backup for Laptops & Desktops server, which is then displayed on the Backup Manager, enabling the data to be backed up to external media. The backed-up server data can be easily restored using the BrightStor ARCserve Backup Restore Manager.

Data Growth Management

Data growth management uses integration with BrightStor ARCserve Backup to facilitate the administration of data on a BrightStor ARCserve Backup for Laptops & Desktops server. It lets you maintain adequate free space on your BrightStor ARCserve Backup for Laptops & Desktops server by setting up a schedule to back up and move selected data to BrightStor ARCserve Backup. The data remains accessible and can be retrieved using normal restore procedures.

The server creates the data growth jobs to back up or restore data and submits them to BrightStor ARCserve Backup for execution. You configure your data growth management jobs by defining the BrightStor ARCserve Backup server information, a filter for selecting files, a backup schedule, and the actual media where the data will be stored.

For more information, see the *BrightStor ARCserve Backup for Laptops & Desktops Server Administrator and Expert User Guide* and online help.

User Types

The user interface is customized for administrators and end users. BrightStor ARCserve Backup for Laptops & Desktops now supports two different levels of users—standard and expert. A simplified GUI lets the standard user perform basic data backups and restores on jobs already configured by the administrator. The expert user can set backup and restore options and additional settings.

Windows Domain Account Support

BrightStor ARCserve Backup for Laptops & Desktops supports using the Windows domain account for authenticating user access to the BrightStor ARCserve Backup for Laptops & Desktops server. This eliminates the need for the user to maintain a separate password.

Idle Time Backup

The idle time backup feature enables you to specify that a scheduled backup runs only when the user has been idle for a specified time. A new tab has been added to the Schedules Properties dialog to enable you to activate this feature.

Analysis and Repair Tool

The analysis and repair tool enables you to check the server status and the consistency of the server and user data. You can run the tool from the Command Prompt window or by double-clicking the executable in Windows Explorer.

The results of the database analysis are available in the Analyzer report, which provides information that helps you identify problems with the database. You can use the repair function to rebuild missing data in the local.cdb client file and generate a new standard vault.cdb server file from the user data.

For more information, see the appendix “Command Line Interface” in the *BrightStor ARCserve Backup for Laptops & Desktops Server Administrator and Expert User Guide*.

Changes to Existing Features

This chapter documents changes made to existing features for Release 11.0.

Changed features include:

- Backup Process
- Backup Set
- Graphical User Interface (GUI)
- Logs
- Reports

Backup Process

The backup process is enhanced to reduce its impact on the client system. The changes include:

- **Connection Preferences** – You can specify the following connection preferences for the BrightStor ARCserve Backup for Laptops & Desktops client:
 - Connect to the server regularly so that the client becomes aware of any changes in a timely manner.
 - Connect to the server more frequently basis during file restoration to check whether the files are available to be restored. For example, a server may not have a file available when requested because it has been backed up to tape and must be retrieved.
- **Seamless Backup** – Seamless backup uses the File Change Recorder (FCR) algorithm to detect new, changed, or deleted files, eliminating the need to scan disks for every backup. This increases backup speed and minimizes resource consumption.

- **Backup Method** – New backup method options let you choose whether to minimize local storage or minimize transfer time. When you choose **Minimize local storage**, all file revisions are stored on the server. When you choose **Minimize transfer time**, you can specify a number of revisions to be stored locally. You can also select **Optimize large file handling** and specify a file size limit over which the block-level delta algorithm is used. For smaller files, the byte-level delta algorithm is used.

Backup Set

The process of creating backup sets has been simplified. Previously, you had to choose whether to create backup sets by name and location, by file extension, or by wildcards. Now these selection methods are combined; you can use wildcards for the name, location, and extension of files to include in the backup set.

Graphical User Interface

The following changes to the BrightStor ARCserve Backup for Laptops & Desktops GUI make it easier to use and administer all the BrightStor ARCserve Backup for Laptops & Desktops components:

- **Drag-and-drop of data to be backed up** – The expert user can drag and drop directories and files into a backup set. In Client Explorer, select the backup set you want to update. In Windows Explorer, select the required directories and files from the Details pane and drag and drop them onto the backup set in the Client Explorer.
- **Establishment of User Account** – The process for establishing a new standard user account has been simplified so that at most a single dialog is required, the backup and restore privileges having been preconfigured by the administrator.

New Restore Log

In addition to the existing backup log, a new log is created when a user restores data. The log files are sent to the server to facilitate report generation.

Backup Log on Server

The backup log for the BrightStor ARCserve Backup Laptops & Desktops client is sent to the BrightStor ARCserve Backup Laptops & Desktops server. The administrator can evaluate the backup log on demand to locate potential problems.

Reports

BrightStor ARCserve Backup for Laptops & Desktops includes the following new and enhanced reports:

- **Activity Report** – This existing report includes a new column that shows the amount of data to be sent from the client to the server.
- **Analyzer Report** – This new report displays the result generated by the Analysis and Repair Tool. It highlights any problems detected within the server database. For more information on this tool, see Analysis and Repair Tool in the chapter “New Features.”
- **Backup Log Report** – This new report displays the log created while backing up data.
- **Data Growth Jobs Report** – This new report lists the jobs created to allow for data growth on the BrightStor ARCserve Backup for Laptops & Desktops server. For more information, see Data Growth Management in the chapter “New Features.”
- **Migrated Files Report** – This new report lists the files backed up and migrated to tape using BrightStor ARCserve Backup.
- **Restore Report** – This new report displays the log created when restoring data.

