

## FEATURE RICH AND FLEXIBLE

- Seamlessly integrates OpenVMS data into your IBM Spectrum Protect environment
- Easily configured to operate within a cluster
- Accurately backs up and restores disks with alias files and directories
- Supports hundreds of storage devices
- Employs granular and flexible policy-based data management
- Stored data can be accessed from alternate client nodes
- Full user authentication ensures data security
- Uses AES 256-bit encryption
- Supports both ODS-2 and ODS-5 file systems
- Has a flexible and familiar DCL interface
- Supports Transport Layer Security (TLS) protocol for secure communications



## ROBUST BACKUP FOR OPENVMS SYSTEMS

The Archive Backup Client™ (ABC) for OpenVMS™ allows you to include your OpenVMS systems in a heterogeneous IBM Spectrum® Protect backup environment, sharing costly backup storage and reducing management overhead. ABC allows you to back up and archive OpenVMS files to your IBM Spectrum Protect server and restore or retrieve these files as necessary.

The ABC installation procedure walks you through the configuration process and provides template command files to assist you in scheduling daily backup and periodic archive operations.

IBM Spectrum Protect policy-based data management lets you define the number of backed up versions and archived copies to retain and the length of time to retain them. These granular policies can be applied to individual files, directories, volumes, and entire servers.

ABC enforces strict checks on the backup versions and archive copies to ensure consistency with online copies of the data. Backup and archive operations are not committed or logged until the data is stored at its destination. In addition, ABC provides logging capabilities that enable tracing of all operations. Log messages may be printed to the terminal screen or written to a file for later analysis.

To ensure the security of all backed up and archived data, ABC extends normal OpenVMS file protection and full user authentication. This allows users to easily restore their own data while preventing unauthorized access to other data (files that were not previously available to them in the online file system).



## Contact Information

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## SYSTEM REQUIREMENTS

**Operating System:**

- I64 with OpenVMS V8.2 or newer
- Alpha with OpenVMS V6.2 or newer
- VAX with OpenVMS V5.5 or newer

**Network:**

- Any TCP/IP communication package supported by the operating system, such as TCP/IP Services for OpenVMS, MultiNet, and TCPware

**Disk Requirements:**

- 5000 blocks during installation
- 2500 blocks permanent

**Hardware Requirements:**

- Any Itanium-based, Alpha, or VAX machine supported by the operating system

**Software Requirements:**

- Access to one of the following servers:
  - IBM Spectrum Protect V8.1 or newer
  - IBM Tivoli Storage Manager V7.1 or newer
- Features such as encryption and TLS may require additional software

## HOW IT WORKS

Saving and restoring files is easy with ABC. All backup and archive operations can be achieved with these commands:

- **INCREMENTAL:** Use the INCREMENTAL/FAST command for daily incremental backups.
- **ARCHIVE:** Use the ARCHIVE command to preserve files such as financial data and personnel records in long-term storage.
- **RESTORE:** Use to restore backed up files from IBM Spectrum Protect storage. ABC automatically restores and retrieves all files to their original location unless an alternate destination is specified.
- **RETRIEVE:** Use to retrieve archived files from IBM Spectrum Protect storage.

ABC provides a complete set of commands, parameters, and qualifiers, most of which are familiar to OpenVMS users. Command-line help is available for all ABC commands.

## ABOUT STORSERVER

STORServer is a leading provider of data protection solutions and offers the only enterprise data backup appliance that is built to order. Each backup appliance solution is tailored to the customer's unique environment to simplify management of complex backup, archive and disaster recovery needs. STORServer's appliances feature enterprise class data backup, archive and disaster recovery software, hardware, services and U.S.-based customer support. For more information on STORServer, please visit our website.

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