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Live Backup Group Administrators Guide

for Microsoft Windows®

Atempo

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Table of Contents

Chapter 1 Introduction to Live Backup Group Administration 1

Chapter 2 Overview of the Live Backup Clients Management Console . . . 3
Running the Live Backup Clients Management Console . . . 4
The Live Backup Clients Management Console Interface . . . 5
Header . . . 5
Client tree . . . 6
Client list . . . 6
Command pane . . . 8

Chapter 3 Managing clients and groups . . . 9
Creating a client or group . . . 10
Configuring properties . . . 12
Edit comments . . . 13
Specify the level of file protection . . . 14
Define which types of files to protect . . . 15
Define discardable data types . . . 17
Configure user access through feature lockdown . . . 19
Set an expiration date . . . 20
Enable auto-creation within a group (groups only) . . . 22
Working with clients and groups . . . 24
Rename a client or group . . . 24
Stop and resume clients . . . 25
Activate a client . . . 26
Change group membership . . . 26
Re-initialize a client . . . 27
Delete a client or group . . . 27
Request checkpoint creation . . . 28
Getting information . . . 29
View client system information . . . 29
View reports . . . 31
Recovering files . . . 32

Index . . . 33

CHAPTER 1

Introduction to Live Backup Group Administration

1

The Live Backup Clients Management Console is a Web-based application that enables users within specific security roles to manage groups of clients, set backup profiles, perform Web recoveries, or any other client administrative tasks for which they are given permission.

Permission is granted by the Live Backup Administrator by way of assigning security roles to users for specific clients or groups of clients. There are several predefined roles that the administrator may assign for specific uses:

- **Group Administrator**: Has permission to create and manage clients and groups and view reports and information about them. This role is generally assigned to local IT personnel or anyone who requires full administrative rights over a group of clients. The Group Administrator has full access to all features in the Live Backup Clients Management Console.

  If you are a Group Administrator, refer to the information throughout this guide.

- **Backup Profile Administrator**: Has permission to change discardable data and protected data settings for a client. This role is assigned to Live Backup Client users who need the ability to configure their own client backup profile of data to include and exclude from protection. Backup Profile Administrators have access to their client's Protected Data and Discardable Data Properties pages only.

  If you are a Backup Profile Administrator, then you should review "Overview of the Live Backup Clients Management Console" on page 3 as well as "Define which types of files to protect" on page 15 and "Define discardable data types" on page 17.

- **Client Computer Owner**: Has permission to access data stored within a client database, enabling this role to download any file from a protected client database to any computer with an internet connection and Web browser. This role also includes permission to perform a Network Disaster Recovery. Although you can access the Web Recovery Center from the Live Backup Clients Management Console, this role is not an administrative role. It is intended strictly for users who need to download protected files over the internet using Web Recovery Center, and as such, is described in detail in the *Live Backup Client User Guide*.

The Live Backup Administrator may also define and assign any number of custom security roles with combinations of permissions as needed. If you are assigned a custom role, check with your administrator to learn about your permissions and to what sections of this guide you should refer.

The remainder of this guide covers the following:

- Overview of the Live Backup Clients Management Console
- Managing clients and groups

Note Live Backup also includes a predefined NetDR Operator role, which has permission to perform a Network Disaster Recovery. Since this is not an administrative role, it is not accessible from the Live Backup Clients Management Console. For more information, see “Recovering your system” in the *Live Backup Client User Guide*.

CHAPTER 2

2

Overview of the Live Backup Clients Management Console

All Live Backup Administrators have access to the Live Backup Clients Management Console for managing clients and groups. If the Live Backup Administrator has delegated client and group administrative rights to particular users, then those users become Live Backup Group Administrators, with access to this Web based subset of the console, as well. This console provides access to only those clients and groups with only those features and functions associated with the assigned role.

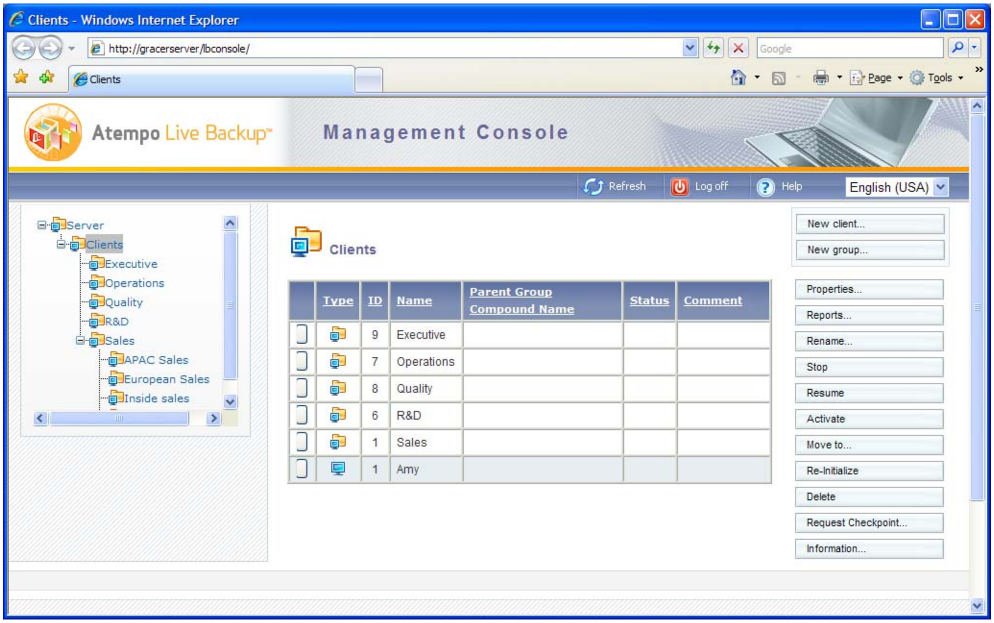
The remainder of this chapter describes how to use the Live Backup Clients Management Console, including

- Running the Live Backup Clients Management Console
- The Live Backup Clients Management Console Interface

Running the Live Backup Clients Management Console

1. Run a Web browser and go to **http://*servername*/lbconsole**.
2. In the login dialog box that appears, type the name and password of the Windows user assigned group administrative privileges to Live Backup.

   The Live Backup Clients Management Console appears.

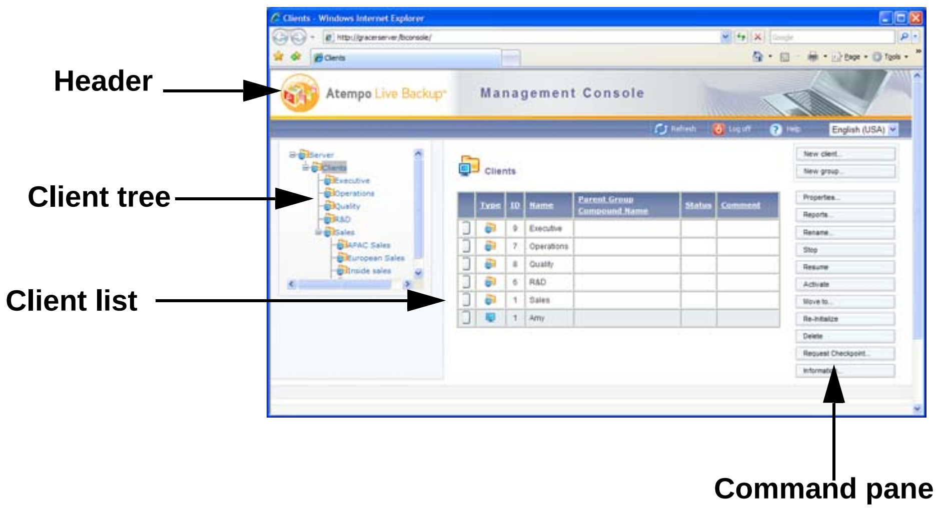


3. To close the console, close the browser. There is no need to explicitly log out; when you log out of Windows, you will be automatically logged out of the console session.

The Live Backup Clients Management Console Interface

The Live Backup Clients Management Console provides access to all functions available to the user according to his/her role. Displayed in a Web page, it is composed of the following areas:

- Header
- Client tree
- Client list
- Command pane



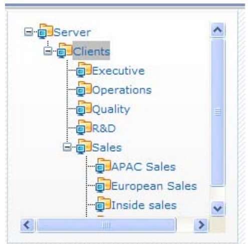
Each area is described in more detail, below.

Header

The header area of the Live Backup Clients Management Console enables you to choose the language in which the console will be displayed. Drop down the language list, and choose the language you want to view.

Client tree

The Client tree displays a hierarchical list of all groups that you have privileges to manage.

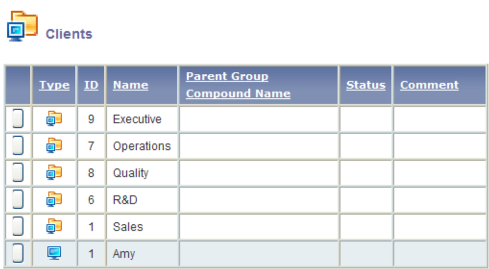


To view the contents of a group, click it. Client members appear in the Client list. To expand a parent group, click the + preceding the group name.

When a group is selected in the Client tree, you may create a new client or group member within the group. These options appear in the Command pane.

Client list

The Client list displays all clients and groups that are members of the group selected in the Client tree.


Clients

	Type	ID	Name	Parent Group Compound Name	Status	Comment
		9	Executive			
		7	Operations			
		8	Quality			
		6	R&D			
		1	Sales			
		1	Amy			

In this list, you can sort the clients and groups by clicking the column headers, which represent the following information:

- **Selection**: This column contains buttons that enable you to select a row. A selected row is highlighted. Click the button to select or clear. The column is not sortable.
- **Type**: Client or Group. Clients are represented by a computer monitor icon; groups are represented by a folder icon.
- **Name**: The name of the client or group.

- **Status**: The current status of the client. The status may be *Blank*, *Creating database*, *Stopped, Activation pending, Activating, Creation failed, Redirecting, Redirected, Incompatible version, Damaged, Obsolete*, or *Queued for upgrade*.

  Blank If the Status column is blank, then the client database is created and the server is ready to back up the client's data.

  Stopped Either the client or server was manually stopped by the administrator, or there's a problem to address. See "Stop and resume clients" on page 25.

  Activation pending The client has been added to Live Backup Server, but database creation is delayed due to the auto-creation settings in Group Properties. See "Enable auto-creation within a group (groups only)" on page 22.

  Activating Live Backup Server is in the process of creating a client database.

  Creation failed Live Backup Server failed to create the client. Check Alerts in the Live Backup Console to determine why. Delete the client, fix the problem noted in Alerts, and then recreate it. See "Getting server alerts" in the *Live Backup Administrator's Companion Guide*.

  Redirecting: Live Backup Server is in the process of redirecting the client account to a new server. See "Redirecting clients" in the *Live Backup Administrator's Companion Guide*.

  Redirected: The client account has been redirected to a new Live Backup Server. This account is accepting no more data, and may be deleted. See "Delete a client or group" on page 27.

  Incompatible version: The version of the Live Backup Client software is incompatible with the Live Backup Server. You must update the client software. To learn how, see the *Live Backup Installation and Setup Guide*.

  Damaged: The client database is damaged, which means upgrade is not allowed, and all replication has stopped. Delete and recreate the client account, and then allow replication to complete. See "Delete a client or group" on page 27 and "Creating a client or group" on page 10.

  Obsolete: The version of the Live Backup client database is incompatible with the server and is too old to be upgraded directly to the current version. Delete and recreate the client account, and then allow replication to complete.See "Delete a client or group" on page 27 and "Creating a client or group" on page 10.

  Queued for upgrade: The client database is scheduled for but not yet upgraded to the latest version. This account is unavailable until the upgrade completes.

- **Comment**: Displays any comments associated with the client or group. See "Edit comments" on page 13.

Command pane

The command pane provides access to all functions that are available to the object selected in the Clients list, whether it be a group, client, or some combination of two.

The following commands may be available: which commands appear depend on which functions have been assigned to your server role. For more information, see the *Live Backup Administrator's Companion Guide*, or see the Live Backup Administrator.

- **New client**: Create a new client. See "Creating a client or group" on page 10.
- **New group**: Create a new group. See "Creating a client or group" on page 10.
- **Properties**: View and modify properties of the selected client or group. See "Configuring properties" on page 12.
- **Reports**: View reports such as Clients Activity and Data Profile. See "View reports" on page 31.
- **Rename**: Change the name of the selected client or group. See "Rename a client or group" on page 24.
- **Stop** (clients only): Stop data transfer to the client. See "Stop and resume clients" on page 25.
- **Resume** (clients only): Resume data transfer to a stopped client. See "Stop and resume clients" on page 25.
- **Activate** (clients only): Begin creation of a database for a new client immediately. See "Activate a client" on page 26.
- **Move to**: Move a client or group to another parent group. See "Change group membership" on page 26.
- **Re-initialize** (clients only): Reset the link between the client account and the client computer. See "Re-initialize a client" on page 27.
- **Delete**: Delete the selected client or group. See "Delete a client or group" on page 27.
- **Request checkpoint**: Send a message to the selected client to create a checkpoint. See "Request checkpoint creation" on page 28.
- **Information**: View information about the selected client. See "View client system information" on page 29
- **Recovery**: Launch the Recovery Center to download protected files from the select client. See "Recovering files" on page 32.

CHAPTER 3

Managing clients and groups

3

From the Live Backup Clients Management Console, you may manage any clients or groups over which you have been given administrative privileges. The management functions to which you have access depend on those associated with your server role. All are described here. If you don’t have access to any of the functions described in this chapter, see your Live Backup Administrator.

In this chapter, you will learn about

- Creating a client or group
- Configuring properties
- Working with clients and groups
- Getting information
- Recovering files

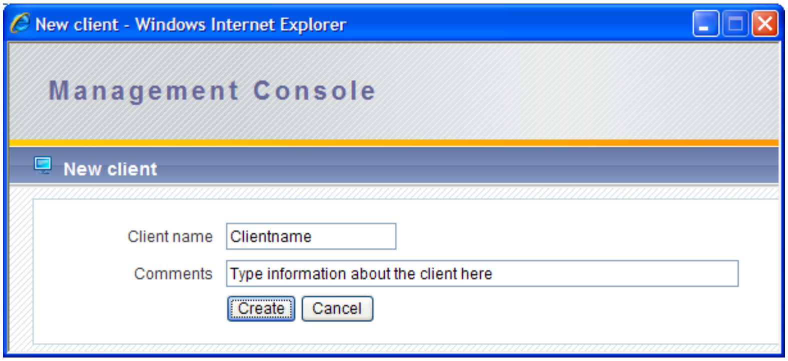
Creating a client or group

You can create a client or group within any group over which you have administrative privileges.

To create a client:

1. In the Client tree, select the group in which you want to add a client.
2. On the Command pane, click the **New client** button.

   The New Client window appears.

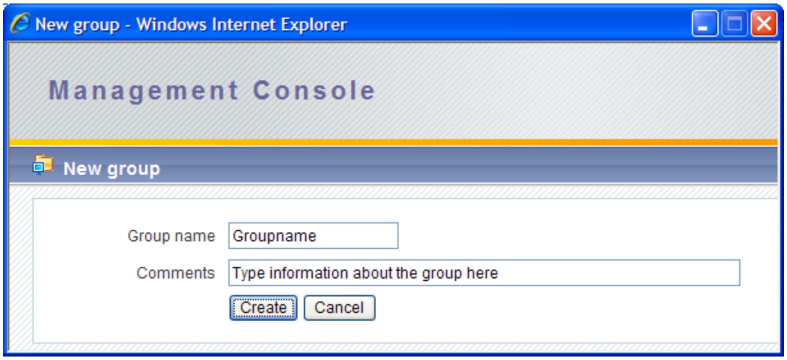


3. In the **Client name** box, type a name for the client. The name may be up to 255 alphanumeric characters.
4. In the **Comments** box, type any information you want to associate with the client.
5. Click **Create**.

To create a group:

1. In the Client tree, select the group in which you want to add a subgroup.
2. On the Command pane, click the **New group** button.

   The New Group window appears.



3. In the **Group name** box, type a name for the client. The name may be up to 255 alphanumeric characters.
4. In the **Comments** box, type any information you want to associate with the group.
5. Click **Create**.

Configuring properties

When you create a client group, you can configure how Live Backup will protect the files on each client within that group. You can add comments, choose drives and file types to protect, allocate storage space, configure data aging, set an expiration date, and configure default user access. You may also enable clients to be created automatically within a particular group, and customize when those clients will begin replication.

By default, clients will inherit the properties of their group. However, you can modify the protection configuration in the Properties of each group, and/or customize the properties assigned to any particular client at any time after creation.

You can define the following properties in the Live Backup Clients Management Console. Full properties management is available in the full Live Backup Console. See “Chapter 7: Configuring Clients” in the *Live Backup Administrator’s Companion Guide*.

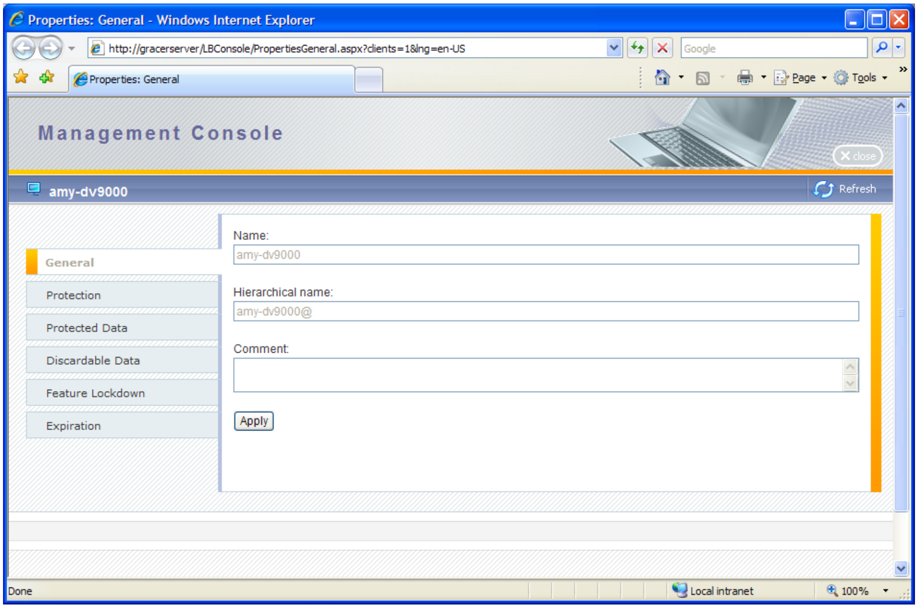
- Edit comments
- Specify the level of file protection
- Define which types of files to protect
- Define discardable data types
- Configure user access through feature lockdown
- Set an expiration date
- Enable auto-creation within a group (groups only)

Edit comments

The General page of Client or Group Properties displays the name of the client or group and provides a place for you to type a description and details about it.

1. In the Clients list, select the client or group to which you want to add comments.
2. On the Command pane, Click the **Properties** button.

   The Properties window appears.
3. Click the **General** tab.



4. The **Name** box displays the name, and the **Hierarchical group name** displays the group membership in the format Clientname@Group.ParentGroup.
5. The **Comment** box contains the information added when the client was created. Type in this box to edit the comments.
6. Click **Apply**.
7. When you have finished modifying Properties, click **Close**. You will return to the main console window.

Specify the level of file protection

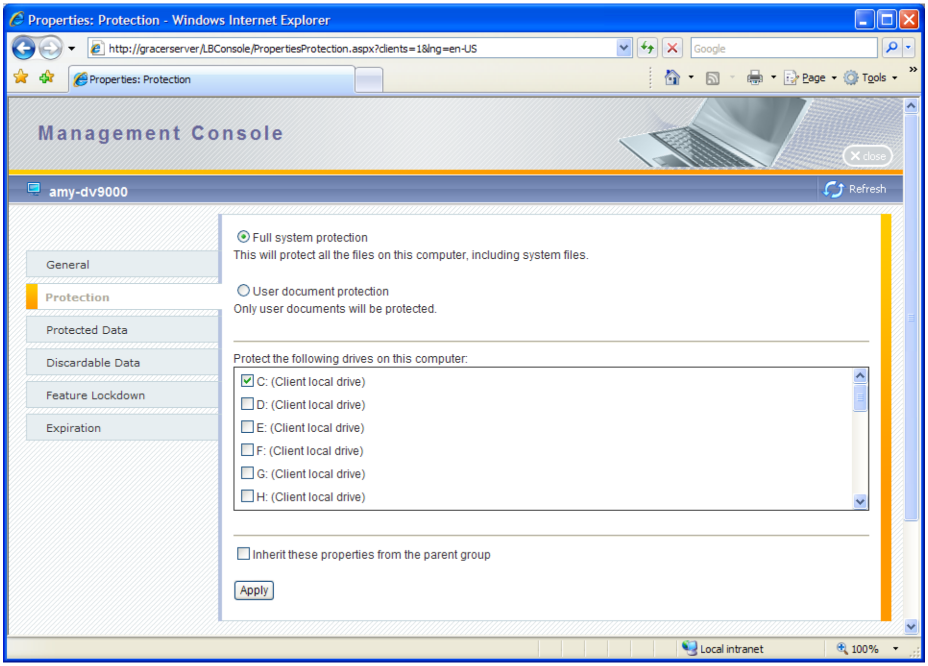
The Protection page of the client or group Properties specifies which drives are protected on the client computer, and whether all files or only user document files will be protected.

Warning If you set User Document Protection, then neither full system rollbacks nor disaster recovery will be available to the protected client(s).

---

1. In the Clients list, select the client or group for which you want to set protection properties.
2. On the Command pane, Click the **Properties** button.

   The Properties window appears.
3. Click the **Protection** tab



4. To inherit the settings applied to the parent group, make sure the **Inherit these properties from the parent group** check box is selected. This is the default selection. All other options in the properties sheet become disabled, and the parent properties apply.

If you want to customize properties for this particular client or group, clear the **Inherit these properties from the parent group** check box, and proceed to step 5.

5. Select the type of protection you want to provide the client.

   - **Full System Protection**: Protects the entire client system, with the exception of discardable data.
   - **User Document Protection**: Protects only those file types that you create, such as DOC (Word), TXT (Notepad), BMP (Paintbrush), and any other file types that you define as user documents. Define these document types on the Protected Data page. See "Define which types of files to protect" on page 15.

   If these options are not available, then Live Backup Client supports User Document Protection (Express mode) only on this client.

6. In the **Protect the following drives on this computer** list, select the check box beside each client drive you want Live Backup to protect. When selecting the drives that you want to protect on a group of computers, select the superset of drives.
7. Click **Apply**.
8. When you have finished modifying Properties, click **Close**. You will return to the main console window.

Define which types of files to protect

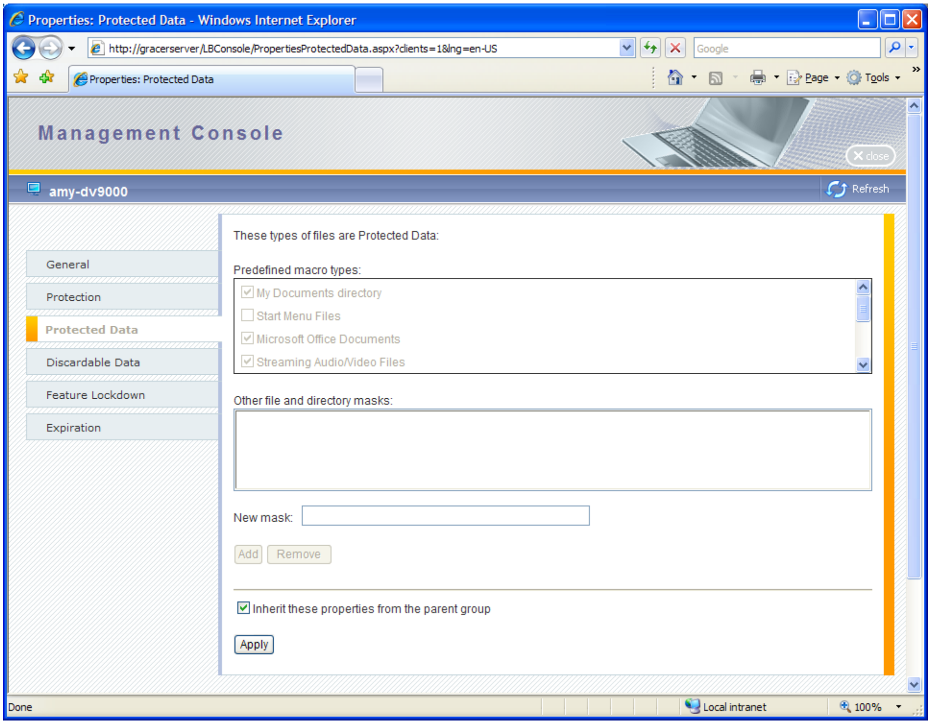
On the Protected Data page, you may define your own user document types for Live Backup to protect under User Document Protection mode. You can define protection masks for individual files, file types, or entire folders and subfolders.

If you have Full System Protection enabled, the Protected Data page contains no configurable options, as all data will be protected equally. See "Specify the level of file protection" on page 14.

1. In the Clients list, select the client or group for which you want to define protected file types.
2. On the Command pane, Click the **Properties** button.

   The Properties window appears.

3. Click the **Protected data** tab.



4. To inherit the settings applied to the parent group, make sure the **Inherit these properties from the parent group** check box is selected. This is the default selection. All other options in the properties sheet become disabled, and the parent properties apply.

   If you want to customize properties for this particular client or group, clear the **Inherit these properties from the parent group** check box, and proceed to step 5.

5. The **Predefined macro types** list displays the default folders and file types that Live Backup protects as User Documents. For definitions of these macros, see the *Live Backup Administrator's Companion Guide*.

   If you don't want a default type protected, clear its check box. This type will no longer be protected when **User Document Protection** is selected

6. To protect any other file type under User Document Protection, type its mask into the **New mask** box, and then click **Add**.

   Live Backup adds the mask to the **Other file and directory masks** list and protects it when you select User Document Protection.

7. To remove a custom type from protection, select its mask in the **Other file and directory masks** list, and then click **Remove**.

Files of this type will no longer be protected under User Document Protection; however, any existing backups of this file type will remain in Live Backup storage until archived or deleted by data aging.

8. Click **Apply**.
9. When you have finished modifying Properties, click **Close**. You will return to the main console window.

Define discardable data types

Live Backup defines file types that are excluded from protection as *discardable data.* This discardable data consists of files that are completely unnecessary for full system backups, including Windows temporary files that are recreated at boot time, such as swap files, and cached files from the Internet. It also includes local temporary directories, the Windows Recycle Bin, and temporary download directories.

Most files that Live Backup defines as discardable may be protected by changing settings in the Discardable Data Properties page. However, data that Live Backup defines as *internal discardable data* will never be protected, and you may not alter this setting.

On the Discardable Data page, you can define other file types as discardable; however, make sure the types of files you define as discardable are truly unnecessary, such as

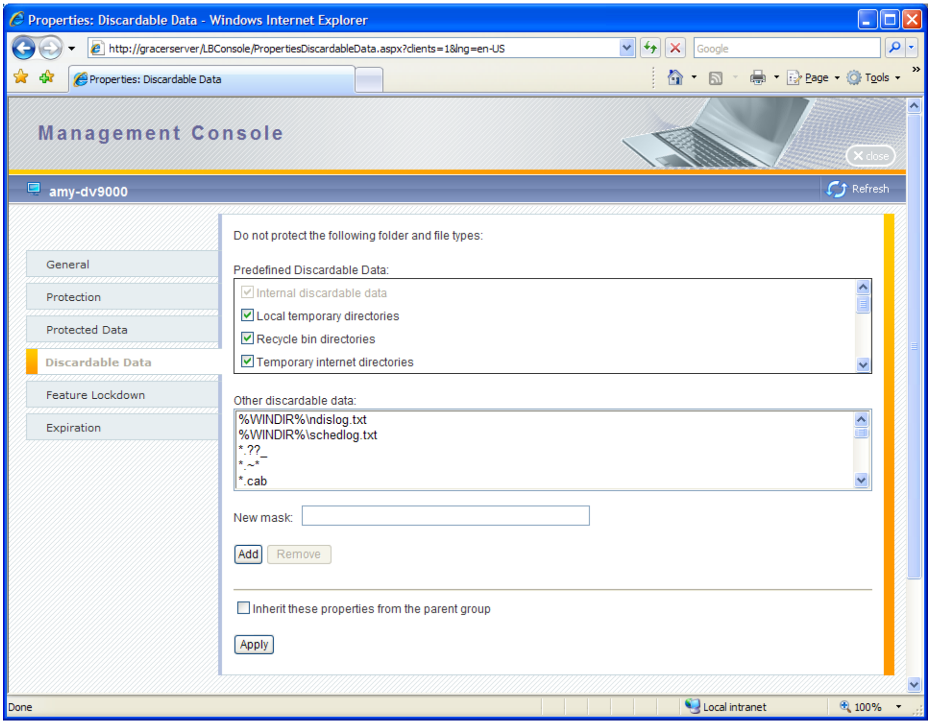
- temporary files created by the operating system or an application;
- large files that change often, but do not need to be versioned, such as log files;
- custom temporary folders, such as C:\TEMP*.*;
- screen saver configuration files that write out the same file repeatedly;
- large backup or archive files that you do not want to protect, such as Ghost (*.gho) or *.iso images, which Live Backup includes as discardable data by default;
- and any other files you are sure are unnecessary for mirroring and versioning.

Discarding such files will save disk space on the Live Backup Server and diminish network traffic.

1. In the Clients list, select the client or group for which you want to define discardable data types.
2. On the Command pane, Click the **Properties** button.

   The Properties window appears.

3. Click the **Discardable data** tab.



4. To inherit the settings applied to the parent group, make sure the **Inherit these properties from the parent group** check box is selected. This is the default selection. All other options in the properties sheet become disabled, and the parent properties apply.

   If you want to customize properties for this particular client or group, clear the **Inherit these properties from the parent group** check box, and proceed to step 5.

5. The **Predefined discardable data** list displays the default folders and file types that Live Backup excludes from protection. These files are never backed up, and therefore are unavailable for recovery. For definitions of these macros, see “File type macros” in the *Live Backup Administrator’s Companion Guide*. To protect any of the types or locations marked as discardable data, clear the check box beside the type. Live Backup will then protect this type under **Full System Protection.**

6. To exclude another file type or location from protection, type it into the **New mask box**, and then click **Add.** Live Backup adds the mask to the **Other discardable data** list and excludes it from all backups.

7. To protect a type previously defined as discardable, select the mask in the **Other discardable data** list, and then click **Remove**.

Live Backup will now protect files that meet the mask criteria you removed.

8. Click **Apply**.

9. When you have finished modifying Properties, click **Close**. You will return to the main console window.

Configure user access through feature lockdown

The Feature Lockdown page of Client or Group Properties enables you to assign a default user access level to each client. All users who log into this computer will have at least the access rights assigned to the client in the Feature Lockdown page of Client Properties.

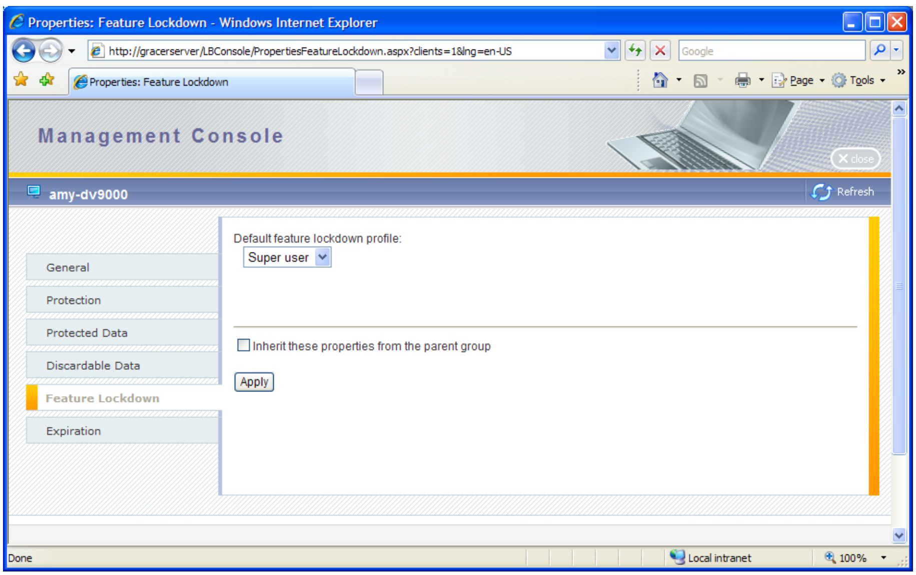
If this page does not appear in Client Properties, then Live Backup does not support feature lockdown on this client.

1. In the Clients list, select the client or group for which you want to configure user access.

2. On the Command pane, Click the **Properties** button.

   The Properties window appears.

3. Click the **Feature Lockdown** tab.



4. To inherit the settings applied to the parent group, make sure the **Inherit these properties from the parent group** check box is selected. This is the default selection. All other options in the properties sheet become disabled, and the parent properties apply.

If you want to customize properties for this particular client or group, clear the **Inherit these properties from the parent group** check box, and proceed to step 5.

5. From the **User will be** list, select the privileges that you want to give all users who log into the client computer:

   - **No access** Live Backup Client will protect the files on the selected client computer, but users will have no access to control or recovery functionality.
   - **User** Users may recover data files or entire folders using the Recovery Assistant or the Windows Explorer context menus, configure performance settings, save a system checkpoint, and request an image of a client system to perform a disaster recovery. Users may not perform a system rollback, roll back operating system or application folders, configure update or pause or resume file versioning at any time.
   - **Power user** Power users have all the rights of Users as well as privileges to roll back the system to a previously working state, roll back operating system and application folders, configure notifications, and disable or enable the client-server connection. Users may not configure update or pause and resume file versioning at any time.
   - **Super user** Users have full access to all features in Live Backup Client.

6. Click **Apply**.
7. When you have finished modifying Properties, click **Close**. You will return to the main console window.

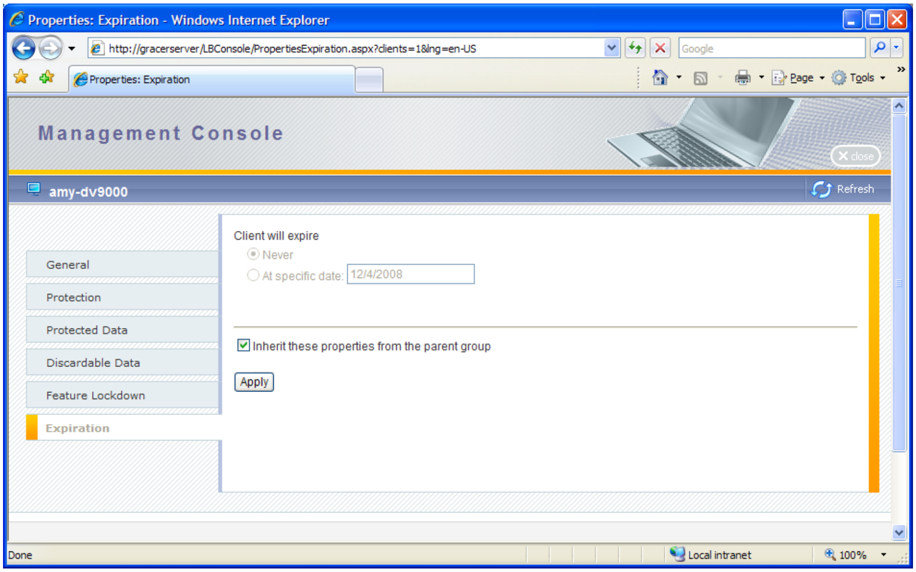
Set an expiration date

The Expiration page of Client or Group Properties enables you to select a date on which the client will expire. Expired clients are stopped: no new versions are created and no local or remote recovery operations are available.

1. In the Clients list, select the client or group for which you want to set an expiration date.
2. On the Command pane, Click the **Properties** button.

   The Properties window appears.

3. Click the **Expiration** tab.



4. If you want this client or group to inherit the settings applied to its parent group, make sure the **Inherit these properties from the parent group** check box is selected. This is the default selection. All other options in the properties sheet become disabled, and the parent group properties apply.

   If you want to customize properties for this particular client or group, clear the **Inherit these properties from the parent group** check box, and proceed to step 5.

5. By default, clients never expire. If you want to set an expiration date, click the **At specific date** option button, and then select the date on which the client will expire from the calendar drop-down. The Expiration date is based on the server date and time.

6. Click **Apply**.

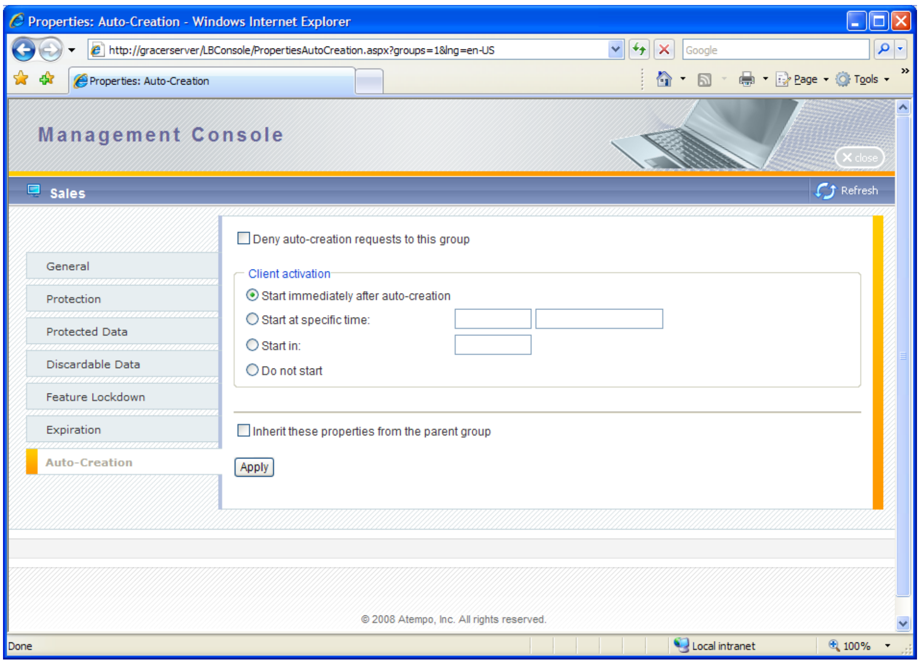
7. When you have finished modifying Properties, click **Close**. You will return to the main console window.

Enable auto-creation within a group (groups only)

The Auto-Creation page of Group Properties enables you to create clients automatically within the selected group once they attempt connection to the Live Backup Server. It also enables you to specify when such clients should start copying their files to the Live Backup Server for protection.

1. In the Clients list, select the group for which you want to set enable auto-creation.
2. On the Command pane, Click the **Properties** button.

   The Properties window appears.
3. Click the **Auto-Creation** tab.



4. If you want this group to inherit the settings applied to its parent group, make sure the **Inherit these properties from the parent group** check box is selected. This is the default selection. All other options in the properties sheet become disabled, and the parent properties apply.

If you want to customize properties for this particular group, clear the **Inherit these properties from the parent group** check box, and proceed to step 6.

5. To enable clients to be created automatically within this group, clear the **Deny auto-creation requests to this group** check box.

6. In the **Client activation** area, select when to begin copying files from the automatically created client to the Live Backup Server. Select one of the following options:

   - **Start immediately after auto-creation**: Begins copying files to the Live Backup Server as soon as the client database is created. Select this option if you expect only a few clients to be replicating simultaneously, and therefore have no concerns about network traffic or performance.

   - **Start at specific time**: Begins copying files at the time and date you specify. Select this option to delay replication to off-peak days and/or hours such as weekends or the middle of the night.

   - **Start in**: Begins copying files so many hours after the client account has been created. Select this option if you want to delay replication by only several hours or so.

   - **Do not start**: Does not copy files to the Live Backup Server. Select this option if you want to manually launch replication for the client by selecting **Activate** from its action menu.

7. Click **Apply**.

8. When you have finished modifying Properties, click **Close**. You will return to the main console window.

Working with clients and groups

Given the appropriate privileges, you can work with clients and groups in the following ways:

- Rename a client or group
- Stop and resume clients
- Activate a client
- Change group membership
- Re-initialize a client
- Delete a client or group
- Request checkpoint creation

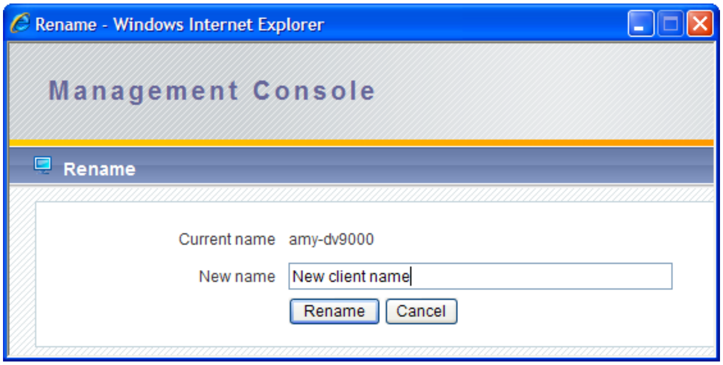
Rename a client or group

You can rename a client or a group.

To rename a client

1. In the Clients list, select the client you want to rename.
2. On the Command pane, click the **Rename** button.

   The Rename window appears.

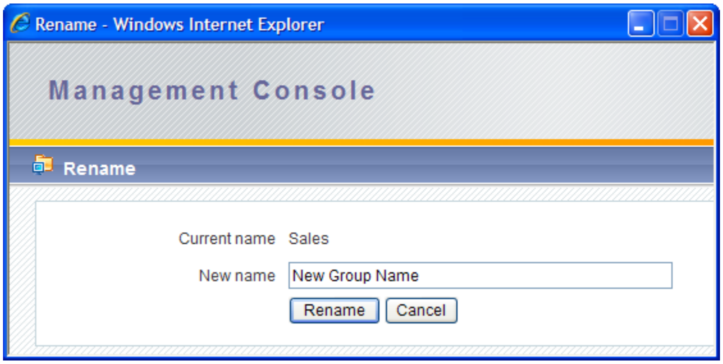


3. In the **New name** box, type the new name for the client.
4. Click **Rename**.

To rename a group

1. In the Clients list, select the group that you want to rename.
2. On the Command pane, click the **Rename** button.

   The Rename window appears.



3. In the **New name** box, type the new name for the group.
4. Click **Rename**.

Stop and resume clients

To stop a client’s connection

1. In the Clients list, select the client you want to stop.
2. On the Command pane, click **Stop**.
3. In the confirmation message that appears, click **OK**.
4. Once the client is stopped, click **OK** in the status message. The Status column of the client displays **Stopped**.

   The client's connection to the server is temporarily terminated; the Live Backup Server will accept no data from the client until it is resumed.

To resume a client’s connection

1. In the Clients list, select the client you want to resume.
2. On the Command pane, click the **Resume** button.
3. Once the client has resumed, click **OK** in the status message. The Status column displays blank, indicating that it is active.

   The client's connection and file transfer to the server resumes.

Activate a client

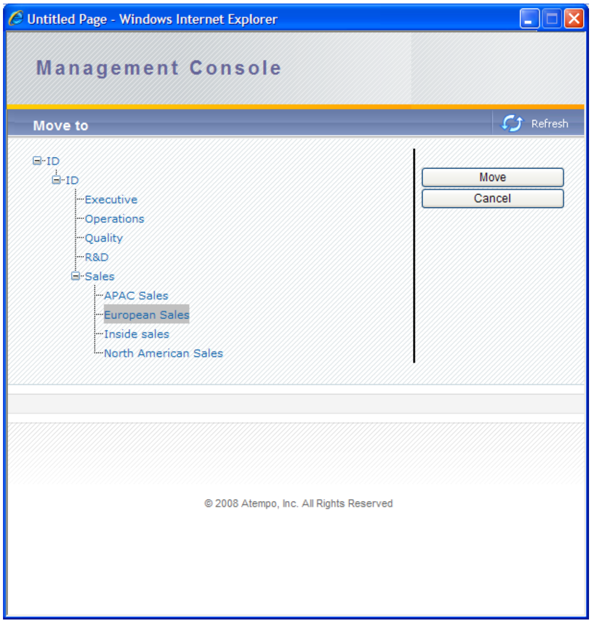
Activate a client whose database is not yet created. These clients will display the status Activation Pending.

1. In the Clients list, select the client you want to activate.
2. On the Command pane, click the **Activate** button.
3. Once the client has activated, click **OK** in the status message. The Status column displays blank, indicating that it is active.

Change group membership

You can move a client from one group to another, or you may move the client out of a group and make it standalone. You may want to move a client if you want to delete all clients in the group but one, or if you want to change protection settings.

1. In the Clients list, select the client or group you want to move.
2. On the Command pane, click the **Move to** button.



3. Click the group to which you want to move the client or group, and then click **Move**.

Re-initialize a client

Use the Re-initialize command to enable Live Backup Client to re-establish a link to its client account on the Live Backup Server. This link is broken whenever the Live Backup Client software is reinstalled on a client computer. Until you reinitialize the account, the Live Backup Client will not longer be able to communicate with the Live Backup Server, and no files will be transferred.

1. In the Clients list, select the client that you want to re-initialize.
2. On the Command pane, click the **Re-initialize** button.
3. In the confirmation message that appears, click **OK**.

Delete a client or group

You can delete clients or groups, but before you delete a group, you must delete all clients within it.

When you delete a client, you delete its entire database from Live Backup. The client will no longer be protected, all saved system checkpoints and versions will be lost, and the client will no longer be able to back up files to the Live Backup Server. For all these reasons, do not delete a client until you are absolutely sure that it has either encountered an unrecoverable error, such as a corrupt database, or it no longer needs Live Backup protection.

Once a client is deleted, it will be refused for automatic client creation.

To delete a client

1. In the Clients list, select the client you want to delete.
2. On the Command pane, click the **Delete** button.
3. In the confirmation dialog box that appears, click **OK**.
4. In the status message, click **OK**.

To delete a group

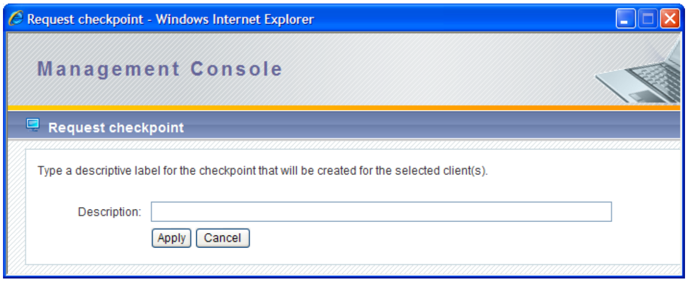
1. In the Clients list, select the group that you want to delete.
2. On the Command pane, click the **Delete** button.
3. In the confirmation dialog box that appears, click **OK**.
4. In the status message, click **OK**.

Request checkpoint creation

You can send a request to any active Live Backup Client to create a checkpoint of itself. If the client computer is otherwise unavailable (turned off, not connected, etc.) at the time of the request, then Live Backup will post the request as soon as the computer is available. The request will be fulfilled as soon as Live Backup Client is able.

To verify that the checkpoint was created successfully, run the Clients Activity report. See “View reports” on page 32.

1. In the Clients list, select the client for which you want to request a checkpoint.
2. On the Command pane, click the **Request Checkpoint** button.



3. Type a descriptive label for the checkpoint that will be created for the selected client(s).
4. Click **Apply**.

Getting information

You can view detailed information on the client account on the Live Backup Server, the Live Backup Client computer, and the Live Backup Client software. You can also view reports on clients or groups.

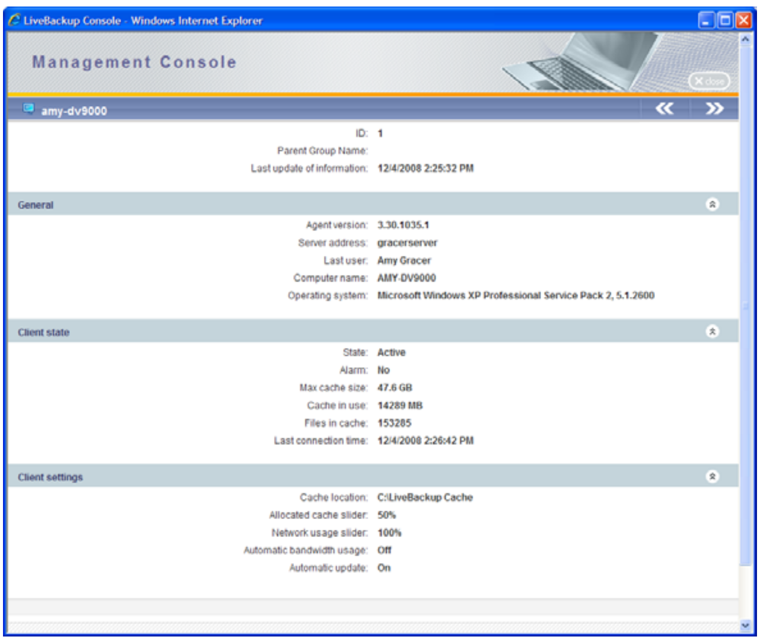
- View client system information
- View reports

View client system information

You can view information about the current status of the Live Backup Client software and the protected client computer.

1. In the Clients list, select the client.
2. On the Command pane, click the **Information** button.

   The Information window appears.



3. To view General, Client state, or Client settings information, expand the heading by clicking the down arrows. The following information appears.

General

- **Agent version**: Version of the Live Backup Client software installed.
- **Server address**: The Live Backup Server name.
- **Last user**: The last user logged into the Live Backup Client computer.
- **Computer name**: The computer name of the Live Backup Client computer.
- **Operating system**: The operating system on the Live Backup Client computer.

Client state

- **State**: The state of Live Backup Client on the computer: *Active*, *Inactive*, *Paused*, *Auto-paused*, *Cache out of space*, *Conserving cache space*, or *Scan running*.
- **Alarm**: Whether the Live Backup Client has encountered a critical error.
- **Max cache size**: The maximum amount of disk space that the cache may use. (MB)
- **Cache in use**: The total size of all the files in the cache folder that still need to be transferred to the server.
- **Files in cache**: The number of files in the cache. If a file has multiple versions in the cache, each version counts toward the total.
- **Last connection time**: The date and time of the client's last connection to the Live Backup Server.

Client settings

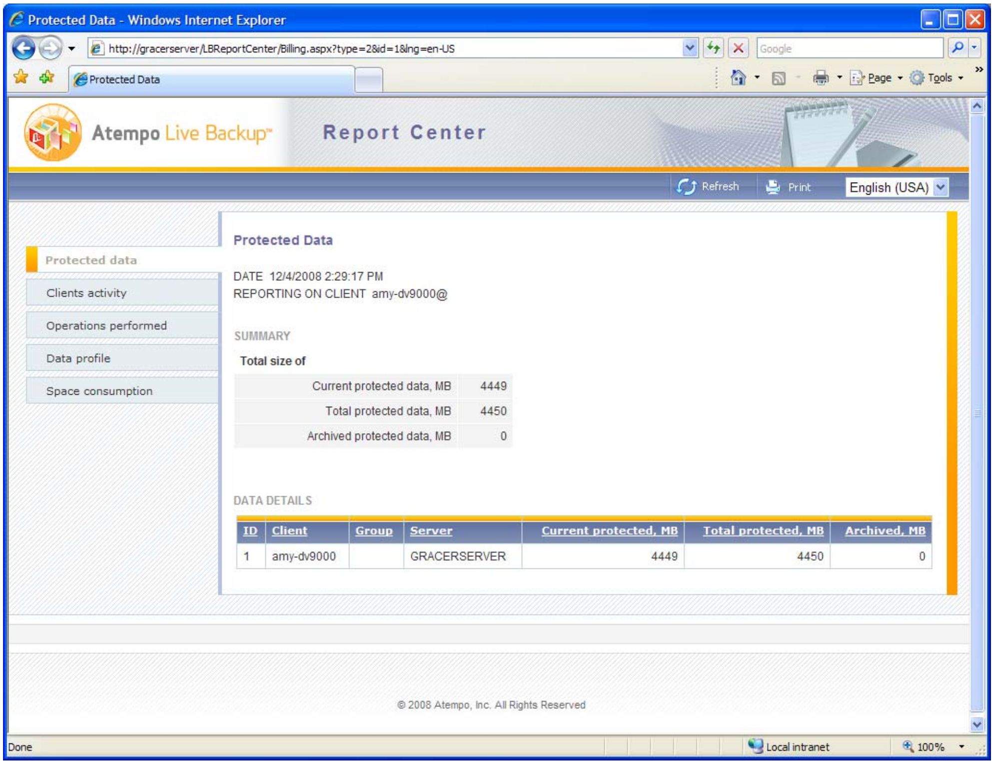
- **Cache location**: The full path to the local cache folder on the Live Backup Client computer.
- **Allocated cache**: This position of the Allocated cache slider in the Performance tab of the Control Center on the client. This slider controls the percentage of free disk space that is allocated to the local cache.
- **Network bandwidth usage**: The position of the Network bandwidth usage slider in the Performance tab of the Control Center on the client. This slider controls the percentage of network bandwidth that is used to transfer files to the server.
- **Automatic bandwidth usage**: Whether Live Backup automatically lowers the network throttle when the connection to the server is slow. This option selected is on the Performance page of the Live Backup Control Center.
- **Automatic update:** Whether Live Backup will automatically install software updates on the client computer: On|Off.

View reports

Live Backup enables you to generate the following reports on an individual client or a group of clients.

1. In the Clients list, select the client or group for which you want to view reports.
2. On the Command pane, click the **Reports** button.

   The Report Center appears.



3. Click the report you want to view.

   - **Protected Data report**: View statistics on protected data, including current size of protected data and total size of protected data including that which has been deleted or archived. This information may be used by Internet Service Providers for invoicing based on MB of data protected.
   - **Clients Activity report**: View detailed information on clients' group membership, database size, last user, last checkpoint, and last version.
   - **Operations Performed report**: View the number of file recoveries, rollbacks, and image requests that Live Backup Server has processed per client since each client's installation and connection to Live Backup Server.

- **Data Profile report**: Collect information on the files, types, and versions that exist in the Live Backup storage databases. This information includes the total amount of protected data and the disk space used on the server to protect it. You can use this report to see how much disk space any client or server is consuming and the percentage of protected data on a per file type basis.
- **Space Consumption report**: Determine the average growth of storage use over a given amount of time.

For detailed information about each report, see the *Live Backup Administrator's Companion Guide*.

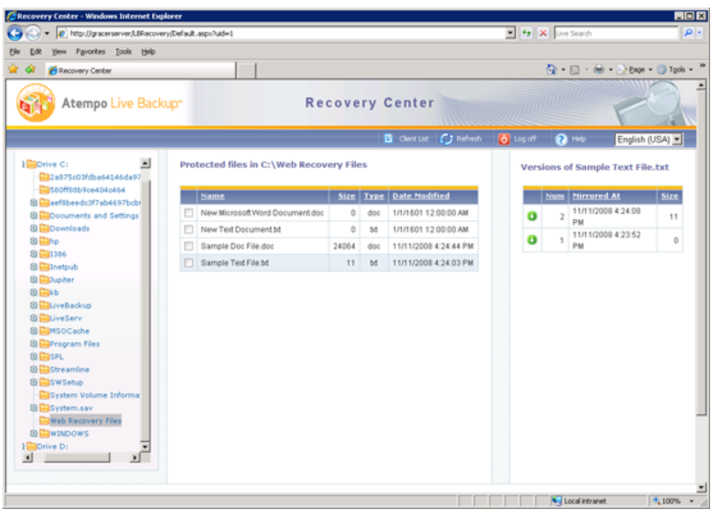
4. When you have finished modifying Properties, click the X button in the title bar to close this window.

Recovering files

You can recover any protected file from specific clients to your local computer over the internet. You do not need to be logged onto the Live Backup Client computer.

1. In the Clients list, select the client or group from which you want to recover a file.
2. On the Command pane, click the **Recovery Center** button.

The Recovery Center appears.



For more information, see "Chapter 4: Performing a Web Recovery" in the *Live Backup Client User Guide.*

Index

A
activate 26
Activating 7
activating 7
activation pending 7
Agent version 30
Alarm 30
Allocated cache 30
auto-creation 22
Automatic bandwidth usage 30
Automatic update 30

B
Blank 7

C
Cache in use 30
Cache location 30
checkpoints
    request 28
Client Computer Owner 1
client list 6
client tree 6
clients
    activate 26
    database error 27
    delete 27
    feature lockdown 19
    rename 24
    replication settings 23
    request checkpoint 28
    resume 25
    selecting 6
    stop 25
command pane 8
Comment 7, 13
Computer name 30
create clients automatically 22
creation failed 7
custom temporary folders 17

D
Damaged 7
data, protected 15
database
    error 27
database, creating 26
date, expiration 20
delete
    client 27
    group 27
disaster recovery
    NetDR operator role 2
discardable data 17
drives, protected 15

E
expiration 20

F
feature lockdown
    client properties 19
Files in cache 30
Full System Protection 15

G
General 13
group administrator
    defined 1
groups
    auto-creation 22
    delete 27
    feature lockdown 19
    rename 24
    selecting 6

H
header 5
Hierarchical group name 13

I
incompatible version 7

L
language, choosing 5
Last connection time
    30
Last user 30
link 27

M
macro
    discardable data 18
macro, user documents 16
mask
    discardable data 18
    user documents 16
Max cache size 30

N
Name 13
name 6
NetDR operator role 2
Network usage 30

O
Obsolete 7
Operating system 30

P
properties
    auto-creation 22
    discardable data 17
    expiration 20
    feature lockdown 19
    inheritance 22
    protected data 15
protected data 15

Q
Queued for upgrade 7

R
Recovery Center 32
Redirected 7
Redirecting 7
Re-initialize 27
rename
    client 24
    group 24
replication settings 23
request checkpoint 28
reset 27
resume clients 25

S

security roles
- client computer owner 1
- custom 1
- group administrator 1
- NetDR Operator 2

State 30
status 7
stop clients 25
Stopped 7

T

tree, client 6
Type 6

U

unlink 27
User Document Protection 15
user groups 20
Users 20