**Simpana commvault version10**

**Commvault Backup Policy Details along with credentials and process docs.**

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## Introduction

This document summarizes the configuration done for Backup As per Vodafone ETOPUP project Details

In this document we will describe the CommVault backup Software details which include version, client, backup schedule, media agent, media details, etc. The main purpose of this document is to understand the brief overview & purpose of Backup software & backup details.

## CommVault backup software installation on Window Server.

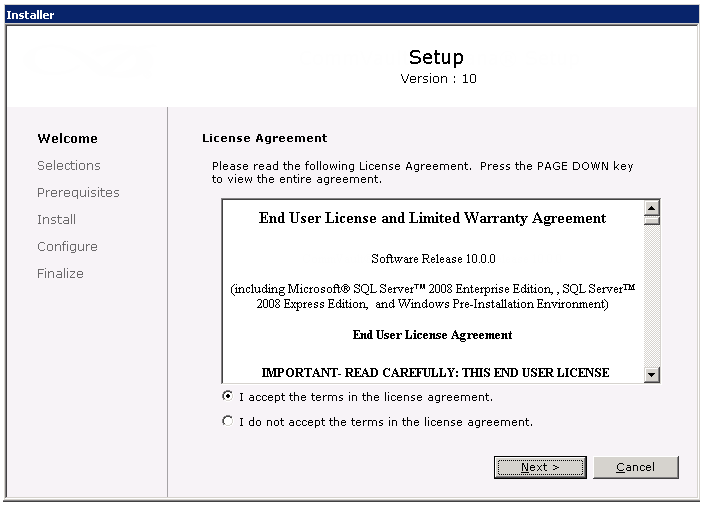
Interactive Installation - Standard

1. Log on to the client computer as an Administrator or as a member of the Administrator group on that computer.
2. Disable Anti-virus software on the computer.
3. Run **SetupAll.exe** from the installation package that was created using the Download Manager.

The installation wizard is displayed.

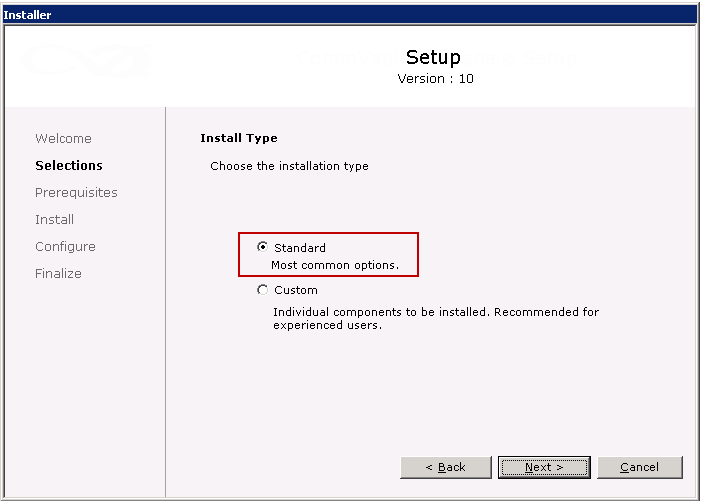
1. Click **I accept the terms in the license agreement**.

Click **Next**.



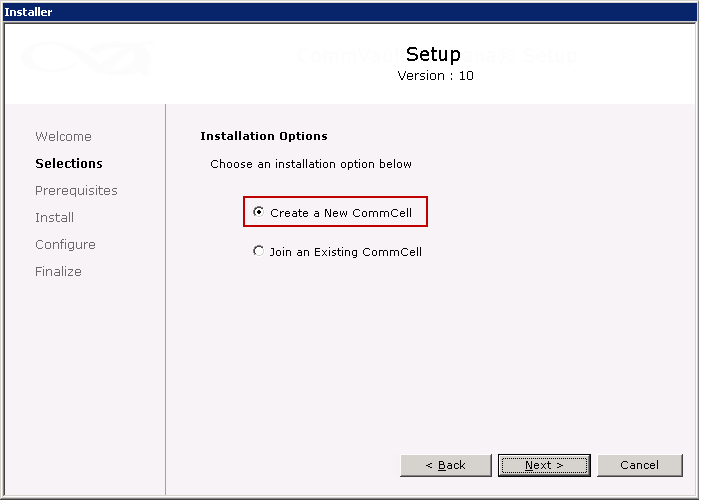
Click **Standard**.

Click **Next**.



Click **Create a New CommCell**.

Click **Next**.

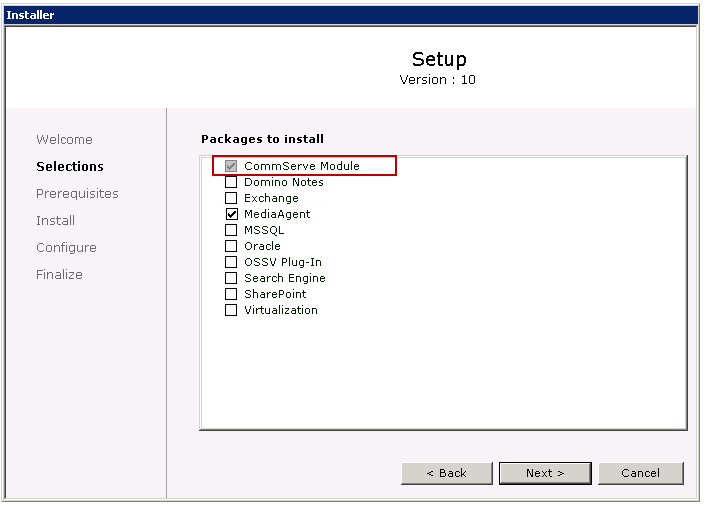


**CommServe Modules** is selected by default.

Click **MediaAgent**.

Click **Next**.

Windows File System *i*DataAgent will be automatically installed.

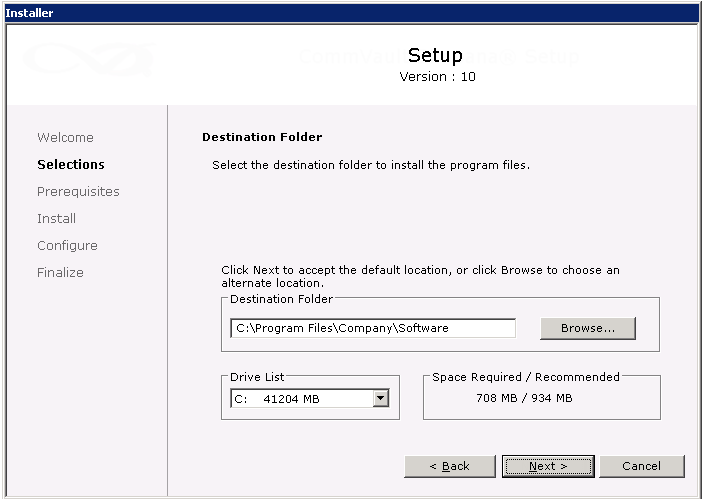


Verify the default location for software installation.

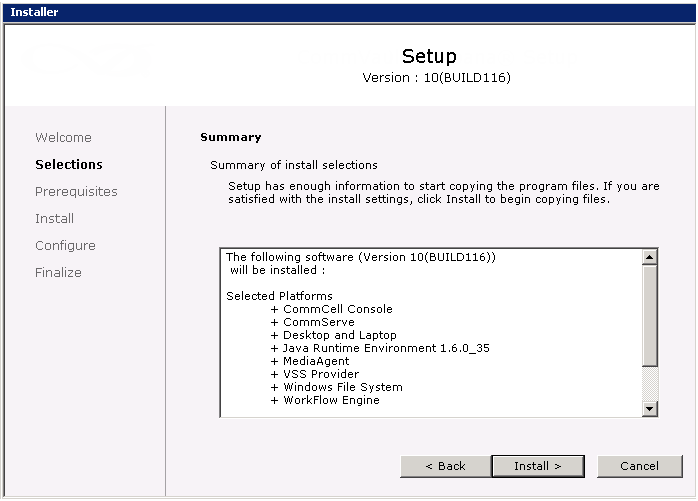
Click **Next**.

If necessary, click **Browse...** to change the default location.

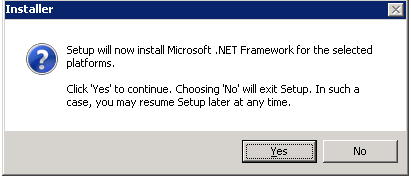
* Do not install the software to a mapped network drive
* Do not use the following characters when specifying the destination path: / : \* ? " < > | #
* It is recommended that you use alphanumeric characters only



Click **Install**.



Click **Yes**.



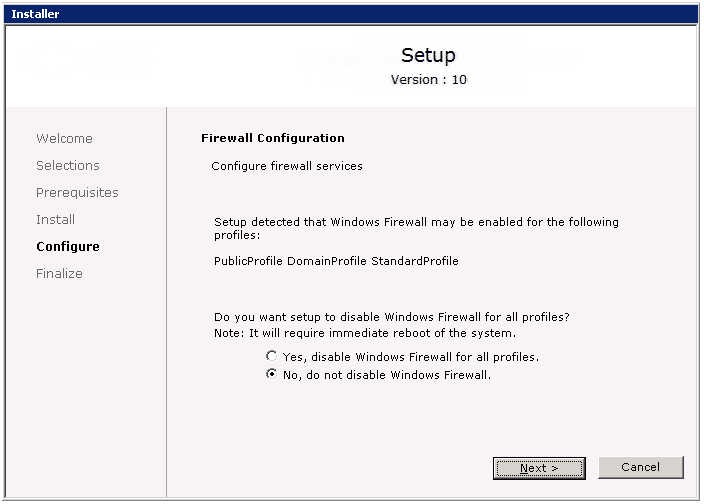
* 1. The computer may prompt for a reboot after installing the **.Net Framework**. In such a case, click **Reboot Now** to reboot the computer.

After the reboot, run **SetupAll.exe** from the installation package to resume the installation. The installer proceeds to copy the setup files, and then initiates the Microsoft SQL Server installation.

If the SQL Server is already installed on the computer, the installer skips the SQL Server installation.

By default, when the SQL Server is installed as part of the CommServe installation, the Simpana software automatically sets the system administrator (sa) password. If the 'sa' password of the preinstalled SQL Server does not match with the default password set by Simpana, the installer will prompt you for the password.

1. Select one of the following options:
   * If you do not want to disable Windows Firewall, click **Next**.
   * If you want to disable Windows Firewall for all profiles, click **Yes, disable Windows Firewall for all profiles** and then click **Next**.

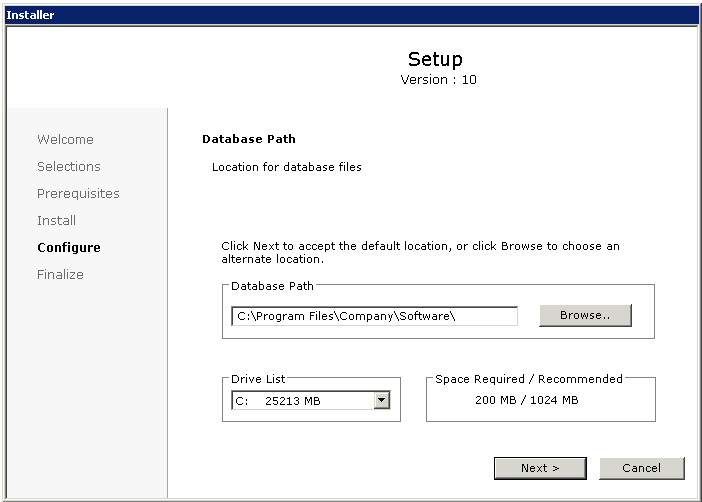


Verify the path to the SQL Server database files.

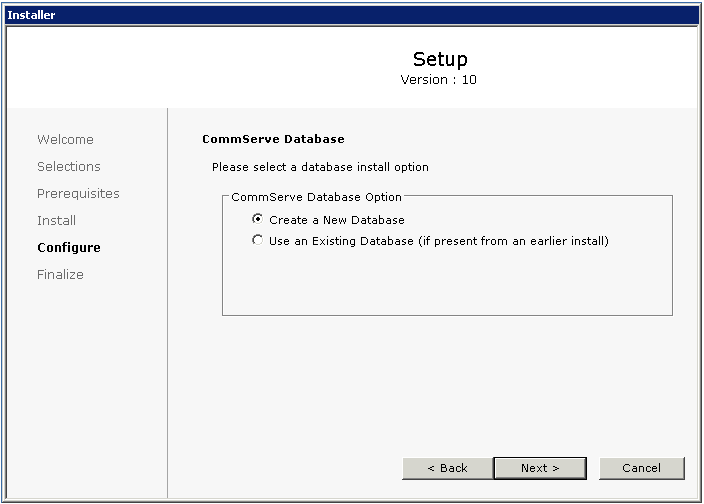
Click **Browse** to change the default location.

Click **Next**.

* Ensure that the drive has at least 1GB of free space.
* Do not specify a mapped network drive or a FAT drive.
* Do not save the database files to a compressed drive.

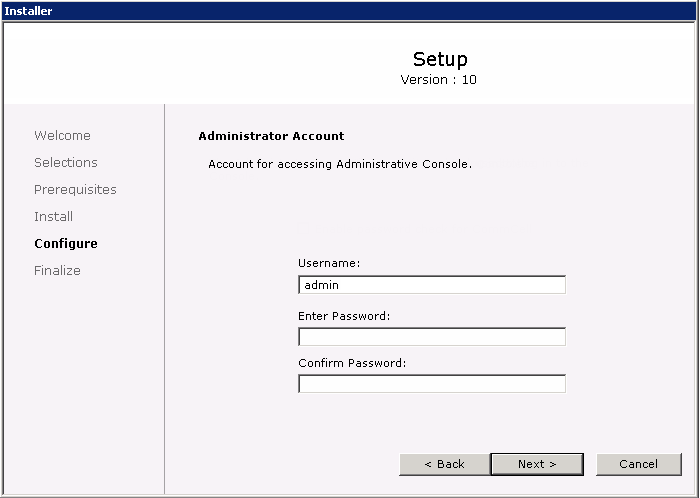


Select **Create a New Database,** and, then click **Next**.



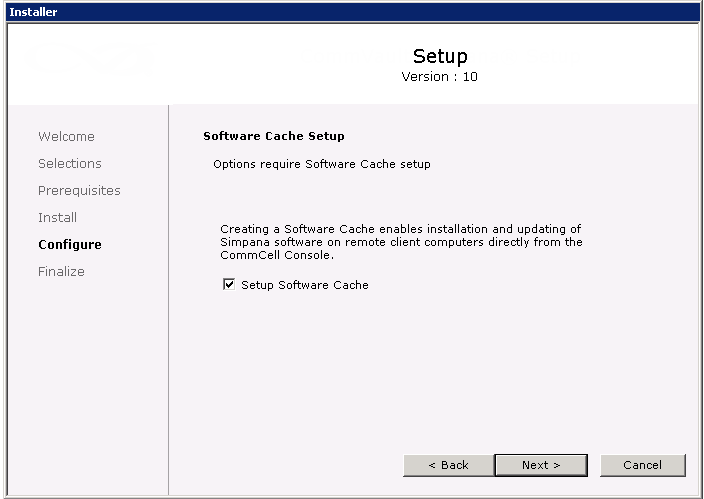
 Enter the username and password for the CommCell Console administrator account.

Note down the username and password because you need it to access the CommCell Console.



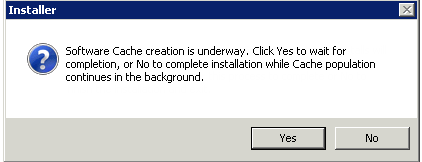
Click **Next**.

If you do not want to allow the CommServe to install software and updates to remote client computers, click to clear the **Setup Software Cache** check box and then click **next**.

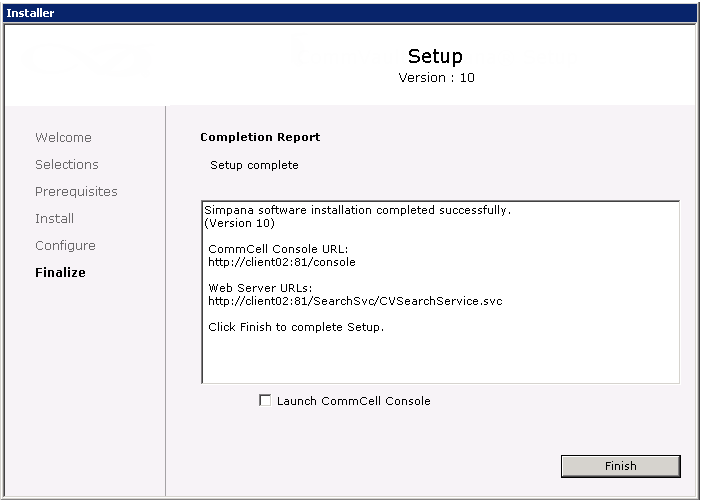


Click **Yes** to wait for the installer to copy the software packages required for the CommServe.

If you want to finish the installation, click **No**. The software packages will be copied in the background process.



Click **Finish**.



Procedure

1. Open the CommCell Console, using one of the following methods based on your Windows operating system:

**On Windows 8 and Windows Server 2012 computers**

* 1. Click the Windows **Start** menu.
  2. From the list of apps, under **CommVault**, click **CommVault Administrative Console**.

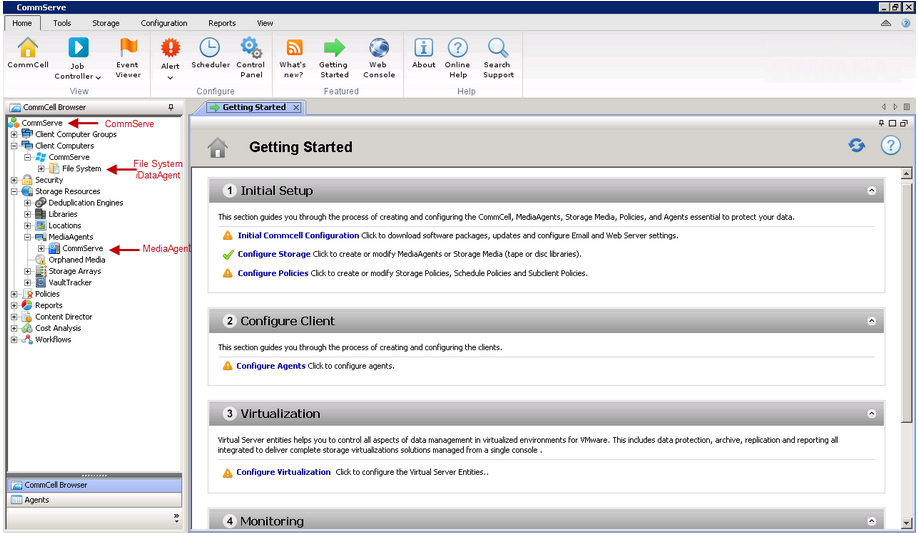
**On computers older than Windows 8 and Windows Server 2012**

* 1. From the Windows **Start** menu, click **All Programs**.
  2. From the list of programs, click **CommVault**> **CommVault Administrative Console**.

1. In the **Connect to CommCell** dialog box, enter the CommCell Console administrator account **User Name** and **Password** that you created during installation.
2. Click **OK**.
   1. If you have not activated the license yet, you receive a reminder.
   2. Click **OK**.

When the CommCell Console opens, note the following components:

* CommServe
* MediaAgent
* Windows File System *i*DataAgent



## Simpana Quick Start Guide - Configure a Storage Device

After installing the software, and accessing the CommCell using the CommCell Console, configure a storage device (tape drive or disk device) attached to the MediaAgent to establish communications, and allow the storage device to be used to store backup data.

Depending on the type of storage devices that are attached to your MediaAgent, you can configure one or both of these devices:

* [Option 1: Configuring a Disk Device](http://documentation.commvault.com/commvault/v10/article?p=getting_started/storage.htm#Configuring_a_Disk_Device)
* [Option 2: Configuring a Tape Device](http://documentation.commvault.com/commvault/v10/article?p=getting_started/storage.htm#Configuring_a_Tape_Device)

If you have other types of storage devices, refer to the **Configuration** section in [Media Management](http://documentation.commvault.com/commvault/v10/article?p=deployment/install/ma.htm) for information.

### Option 1: Configuring a Disk Device

1. From the CommCell Browser, expand to **Storage Resources**.
2. Right-click **Libraries**, and the click **Add | Disk Library.**

The **Add Disk Library** dialog box appears.

1. In the **Name** box, type the name for a disk library.
2. Select the appropriate MediaAgent from the **MediaAgent** list.
3. If the device is a direct-attached library such as SAS/FC/iSCSI for Windows or NFS for UNIX/Linux MediaAgents, define the mount path as a local path.

If the MediaAgent is a UNIX/Linux MediaAgent, then you must select the Local Path option. To access an NFS share, you must mount the share to your UNIX/Linux MediaAgent. Once the share is mounted, it appears as another local directory on the system. You can provide this directory location in the local path.

* 1. Select **Local Path**.
  2. In the **Disk Device** box, enter the mount path location.

1. If the device is on a network, define the mount path as a network path.

The Network Path option is available only for Windows MediaAgents that use CIFs shares.

* 1. Select **Network Path**.
  2. In the **Connect As** box, type the user name.
  3. In the **Password** and **Verify Password** box, type the password that is used by the backup software to access the network share.
  4. In the **Folder** box, enter the mount path location.

1. Click **OK**.

The new disk library appears in the CommCell Browser under **Storage Resources | Libraries**.

## 

### Option 2: Configuring a Tape Device

1. From the CommCell Browser, expand to **Storage Resources**.
2. Right-click **Libraries**, and then click **Add | Tape Library**.

The Add Tape Library dialog box appears.

1. Select the appropriate MediaAgent from the MediaAgent list.
2. Click **Scan Hardware**.

The tape library that is associated with the selected MediaAgent is detected. It appears in the Add Tape Library dialog box as **Not configured**.

1. Right-click the detected library, and then click **Configure**.

A message appears that tells you that the library was configured successfully.

1. Click **OK**.

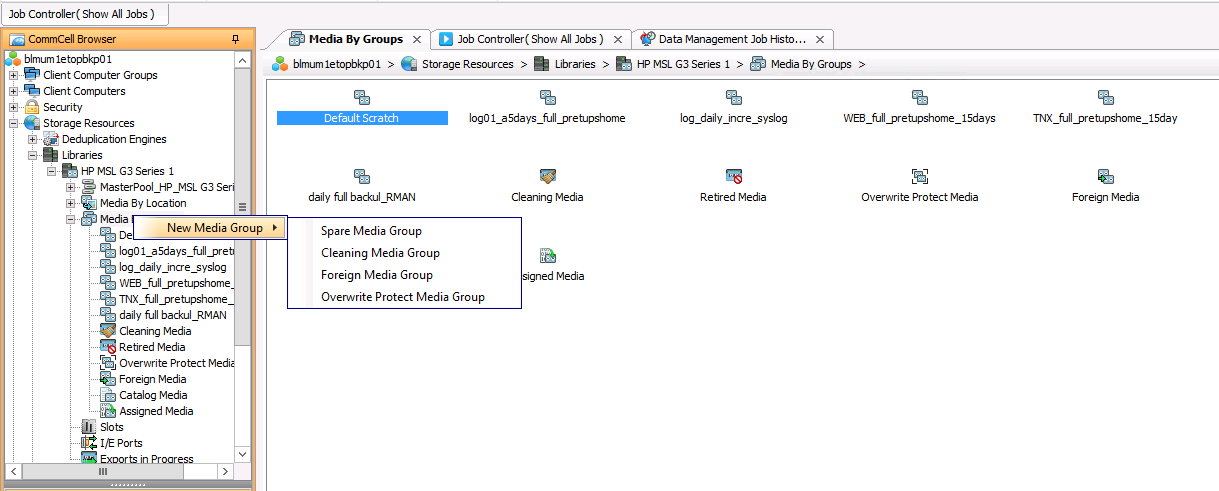
The new tape library is now configured.

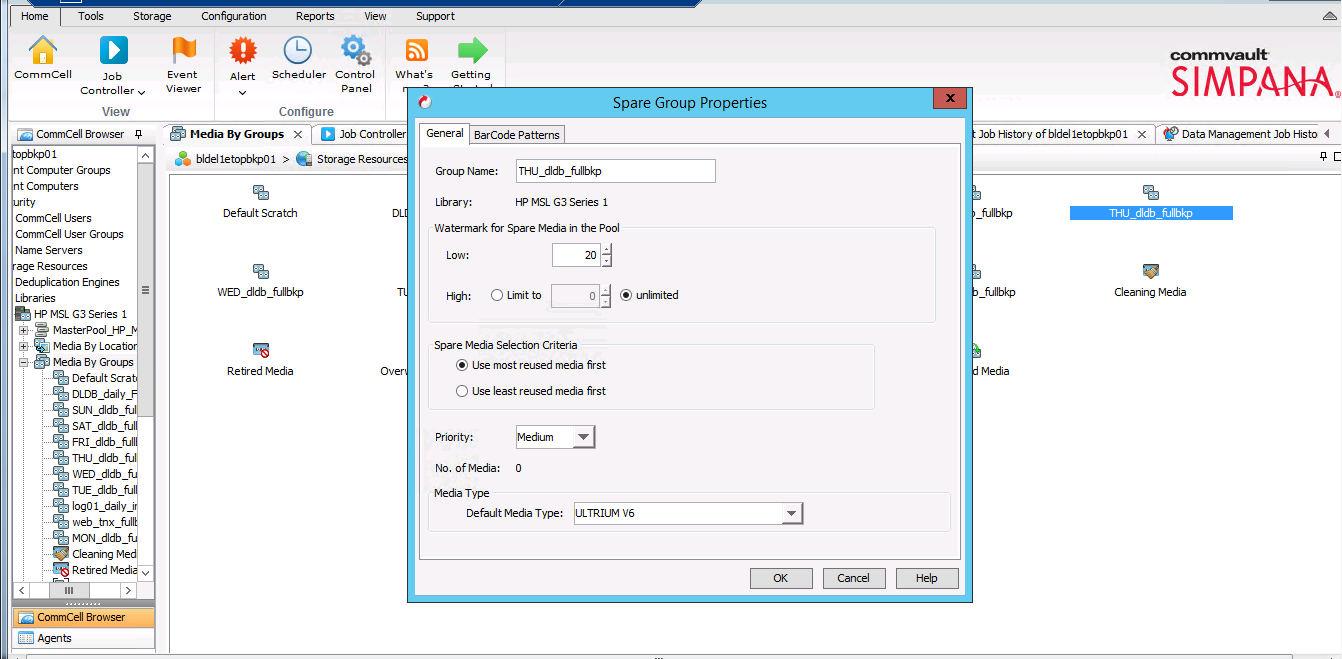
1. Click **OK**.

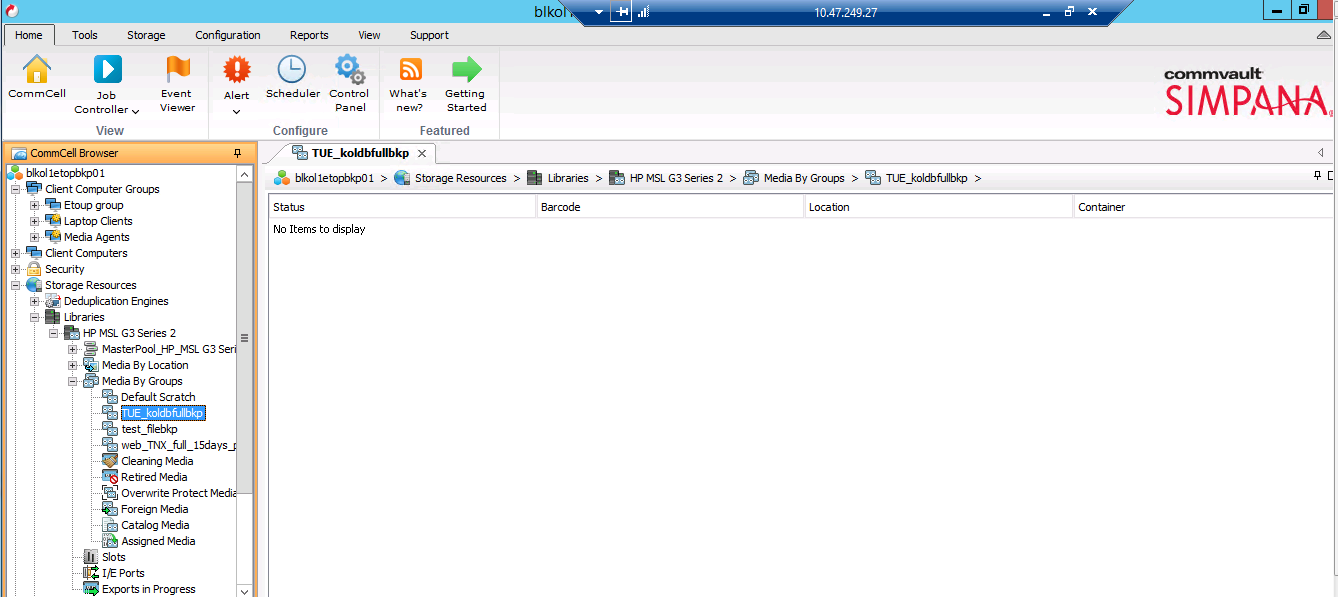
The new tape library appears in the CommCell Browser under **Storage Resources | Libraries**.

## TAPE LIBRARY CONFIGURATION & No of Tape media Installed

## Creating New media Group

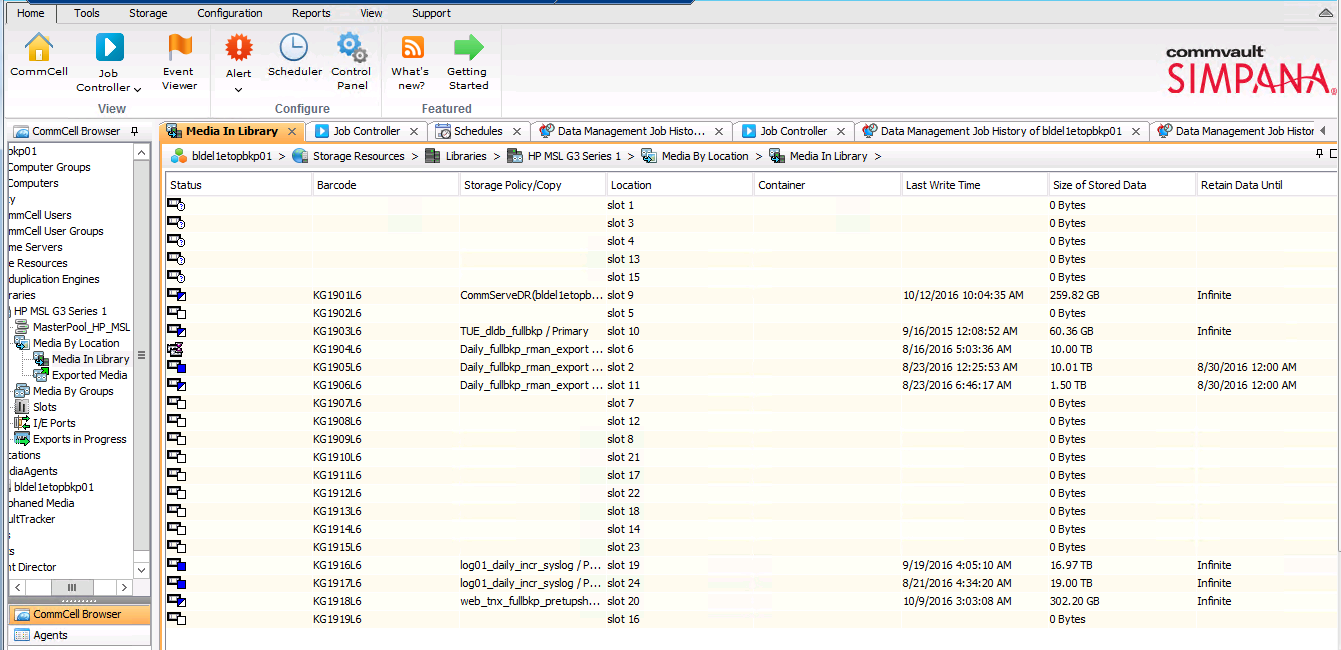


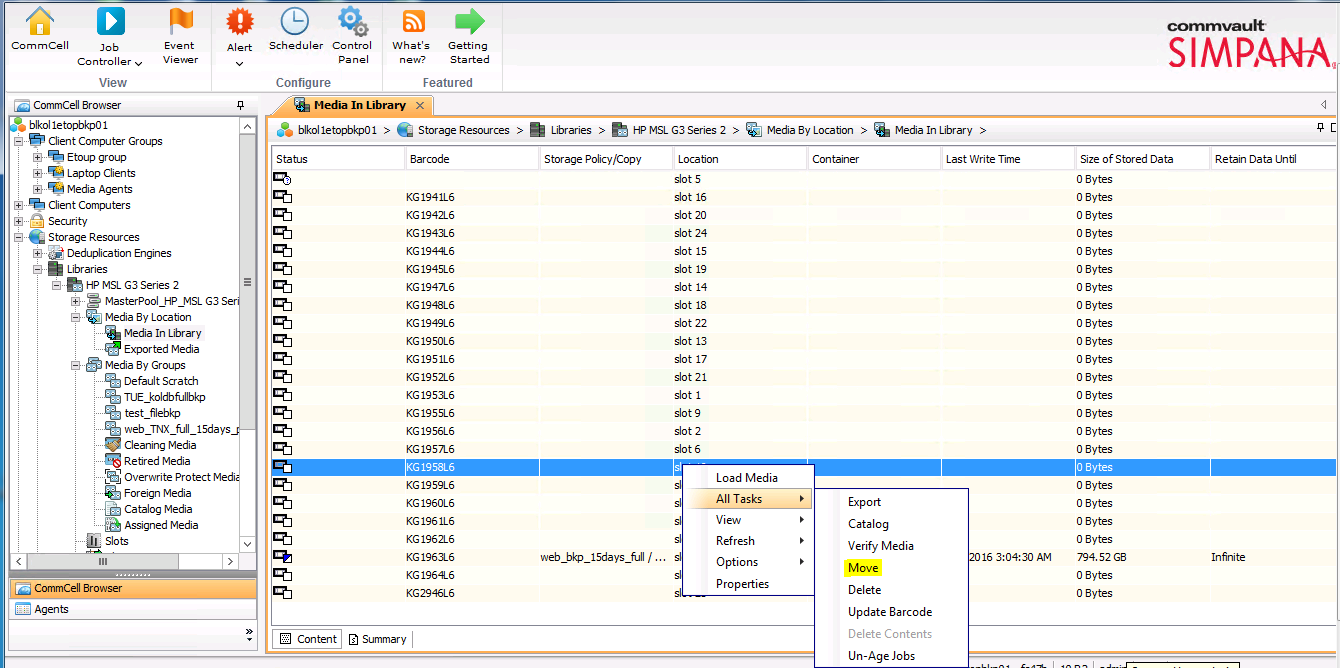


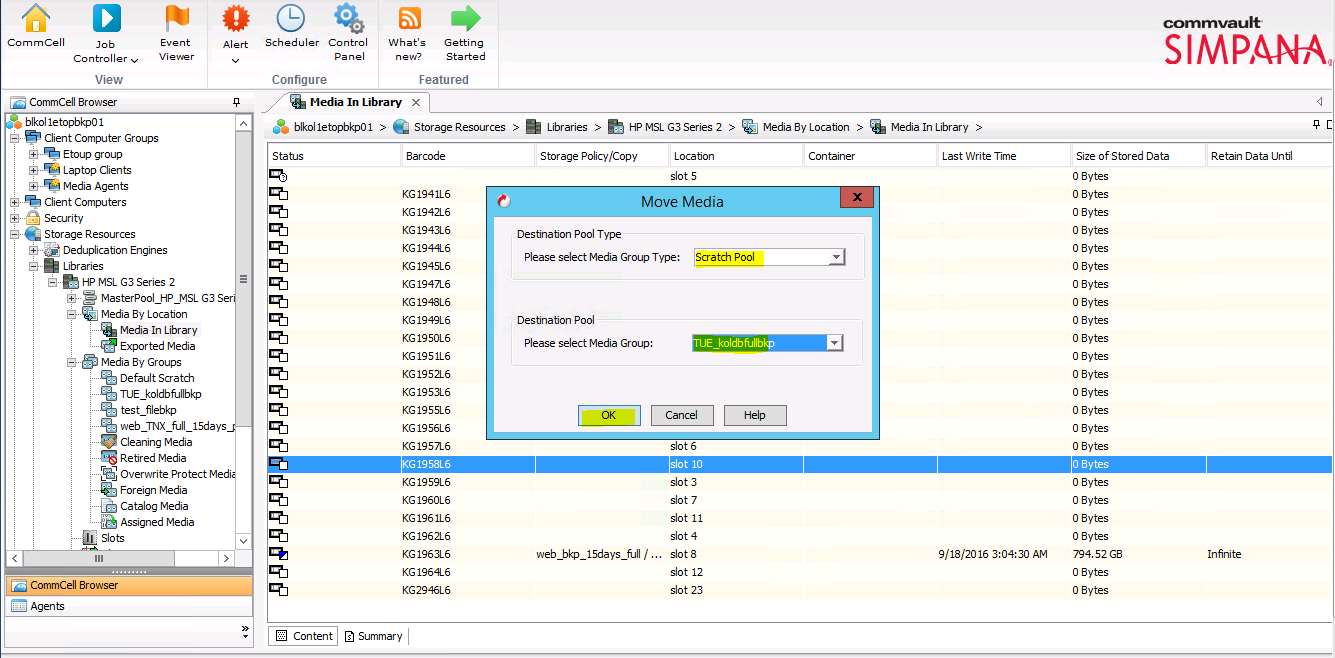


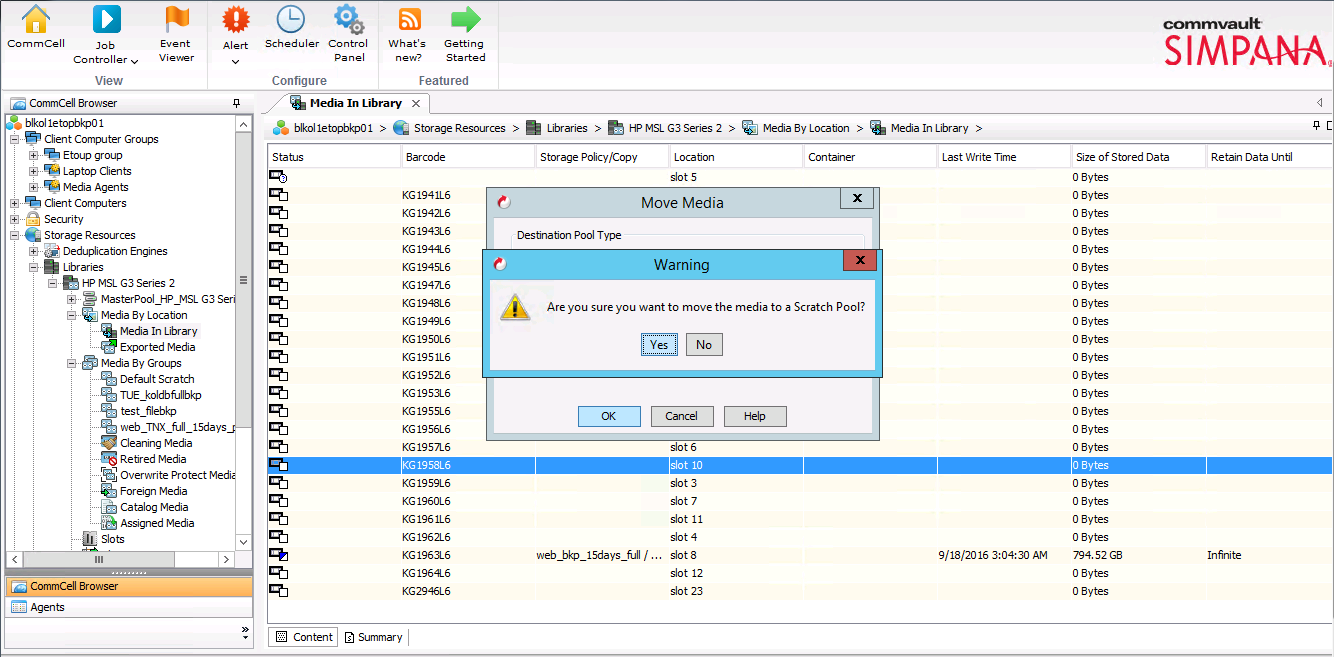
### Total no of tape library 1 & total no of Tape media Installed in tape library (23 media).

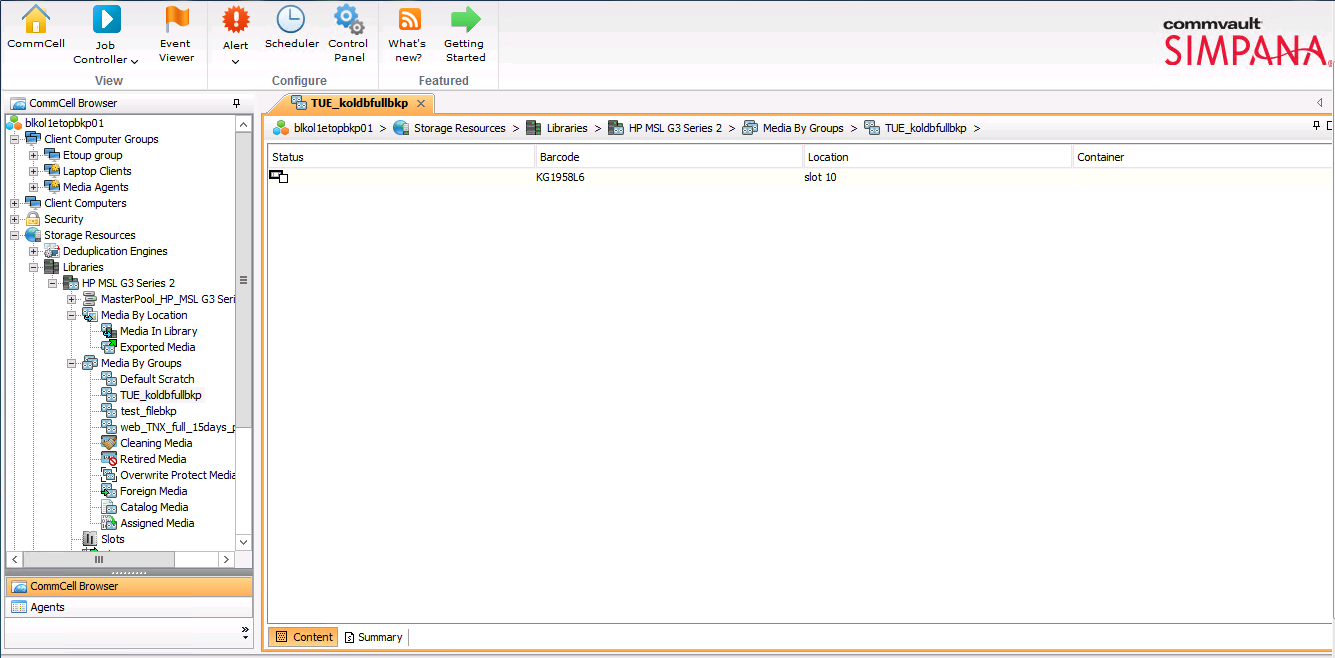
There are total 23 tape media in tape library. Two pools have been created, one for DB backup and other for Application & Syslog backup. Each backup is being created in separate tape media. If tape media is full than it will use other media automatically. Also the backup data will be cleaned as per retention policy and then media will be re-used automatically.



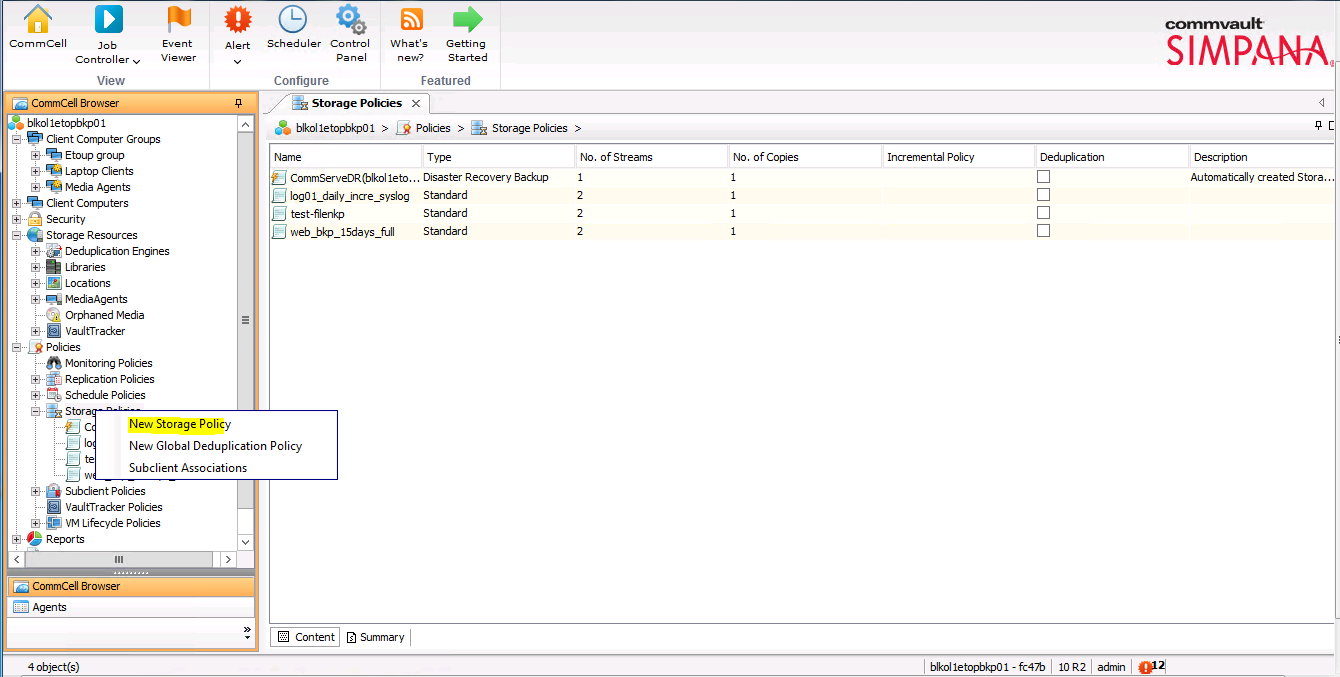


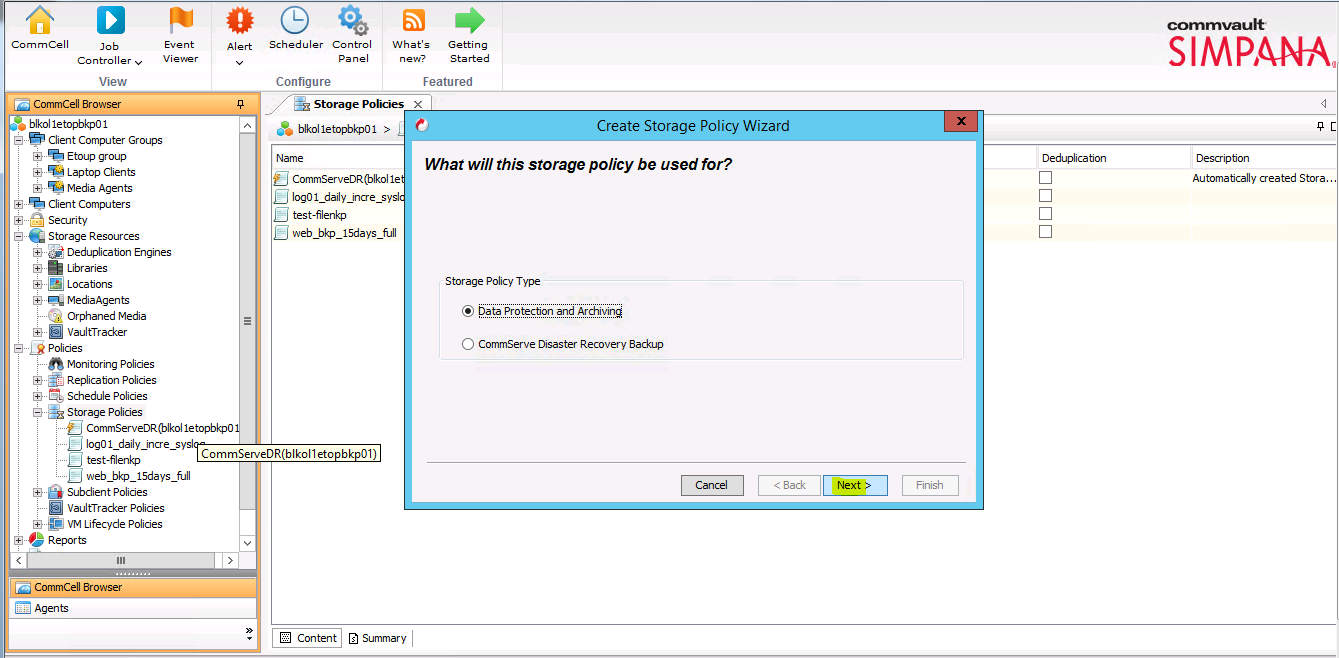


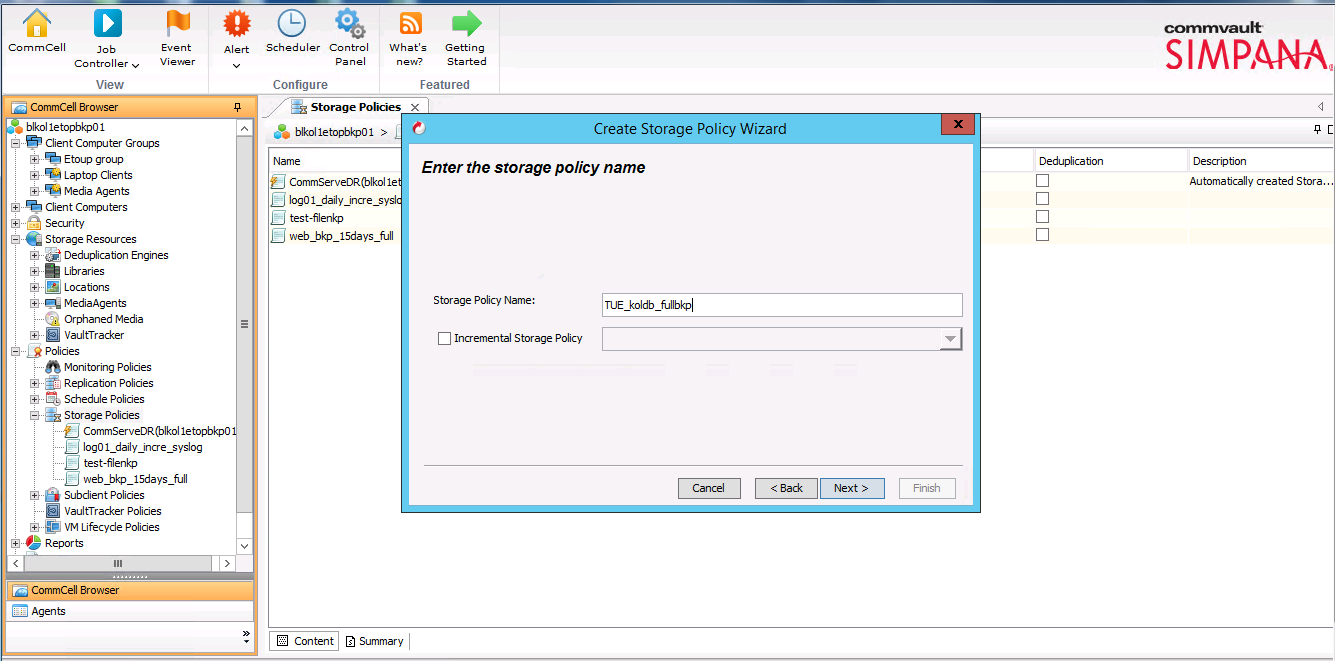


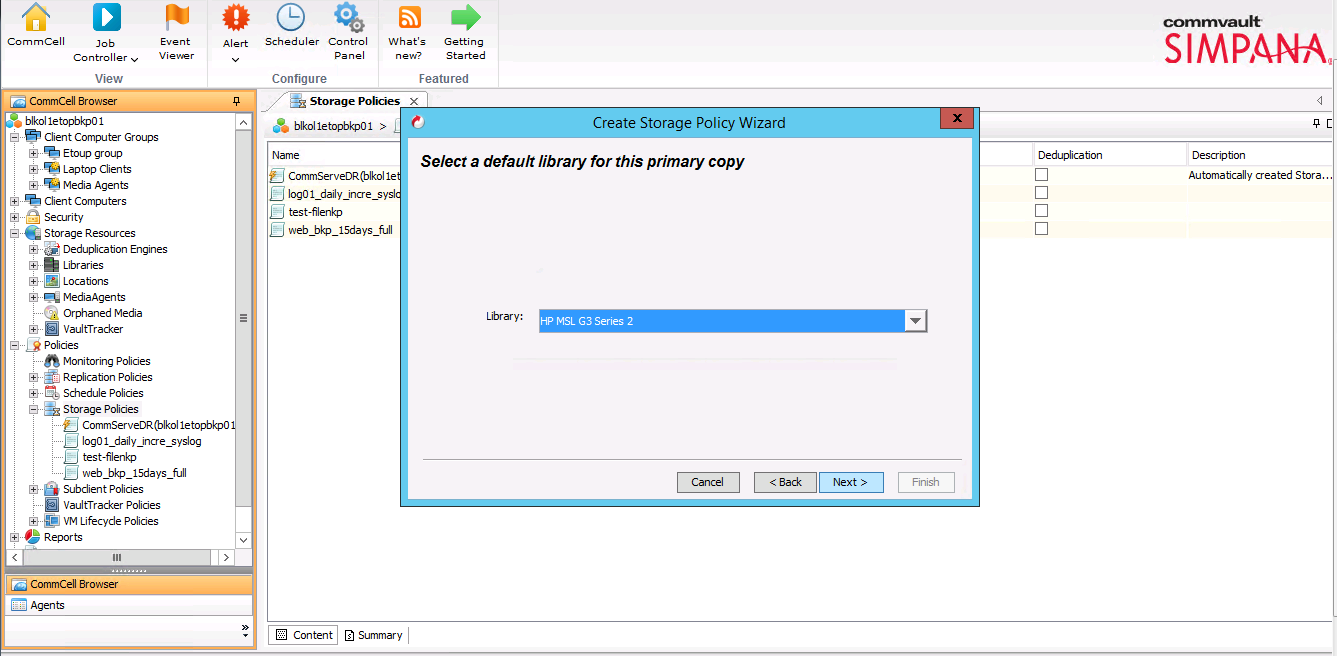


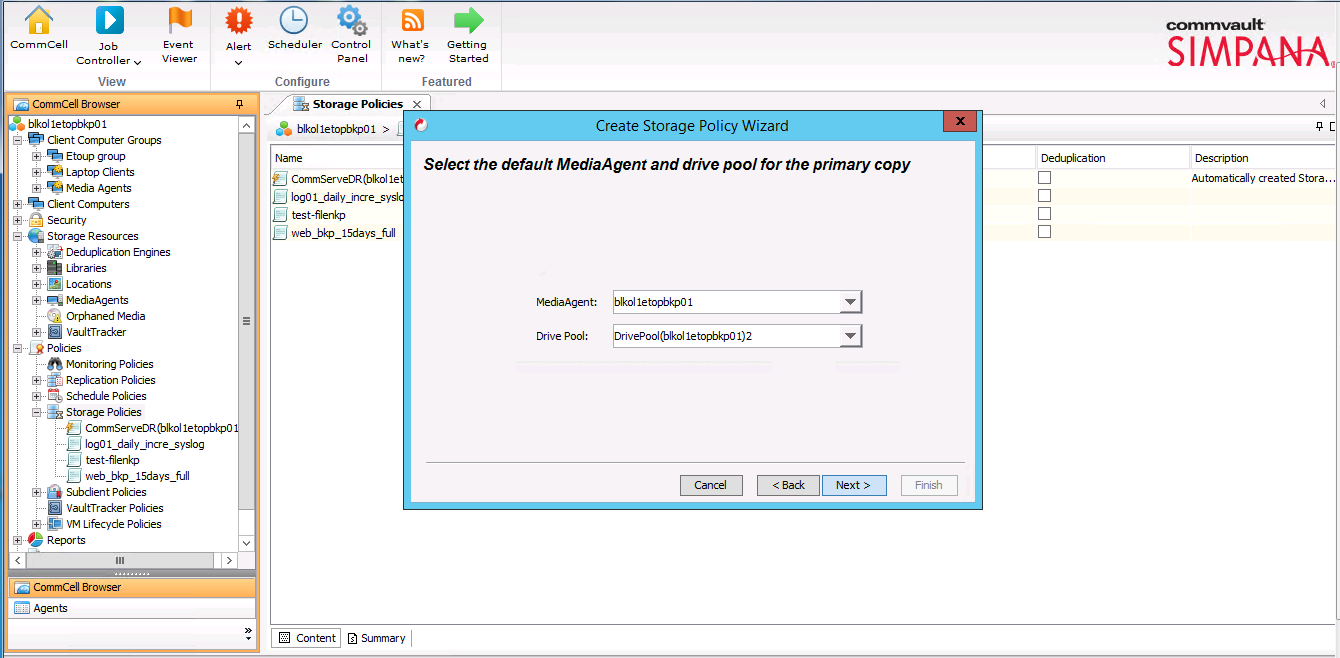
## Creating New Storage policy

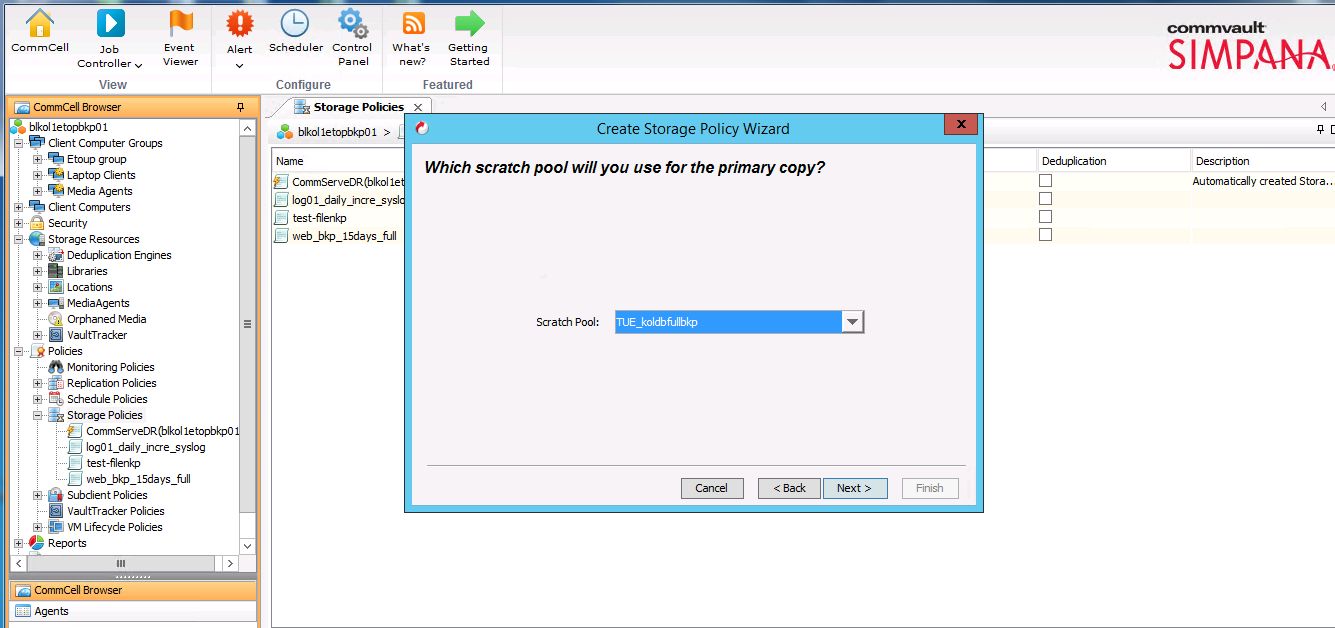


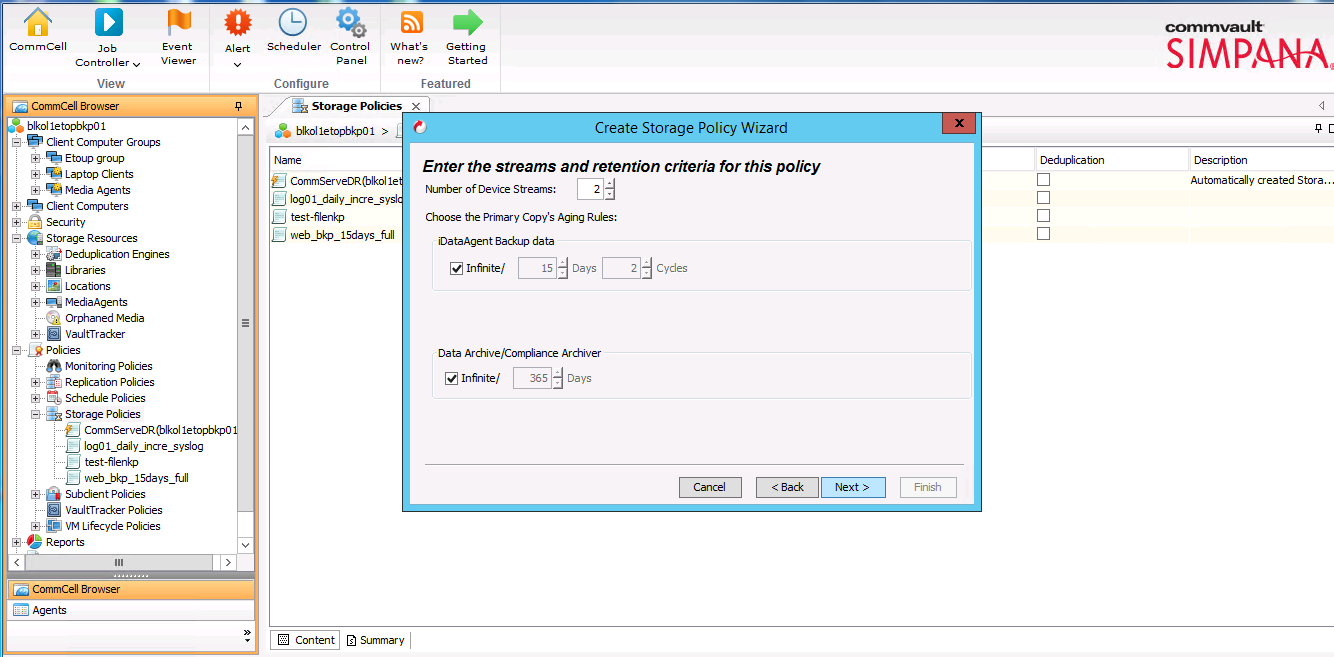


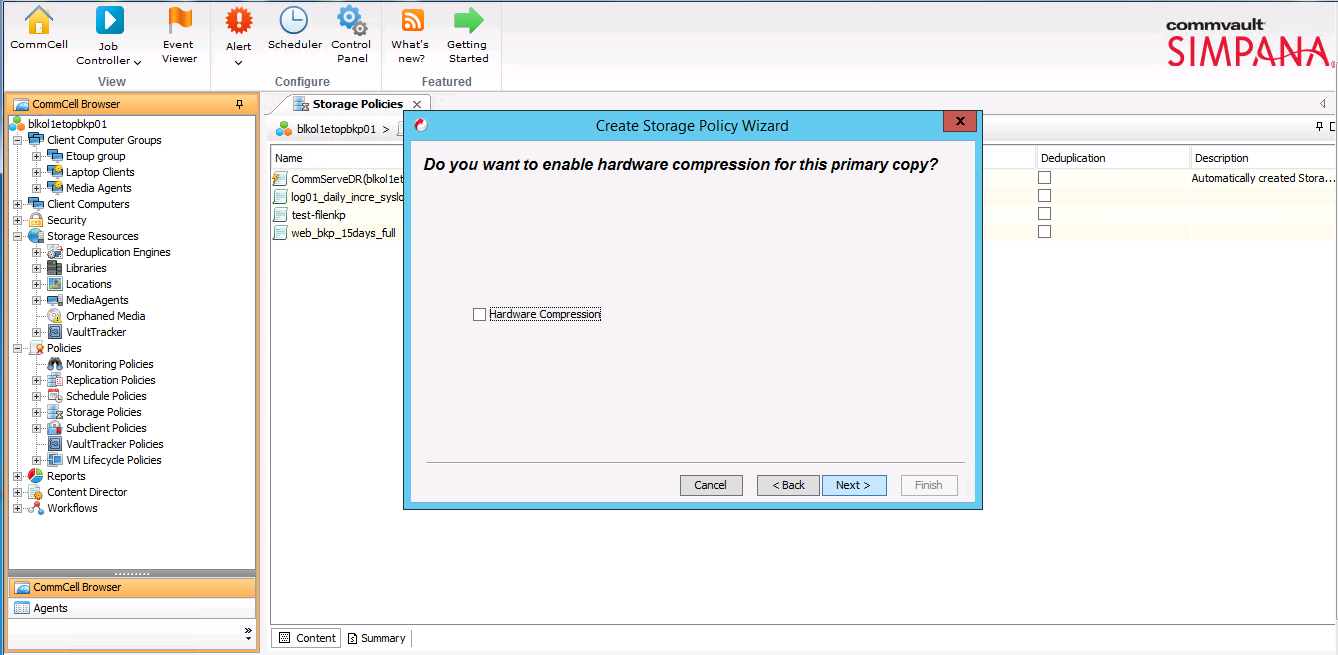


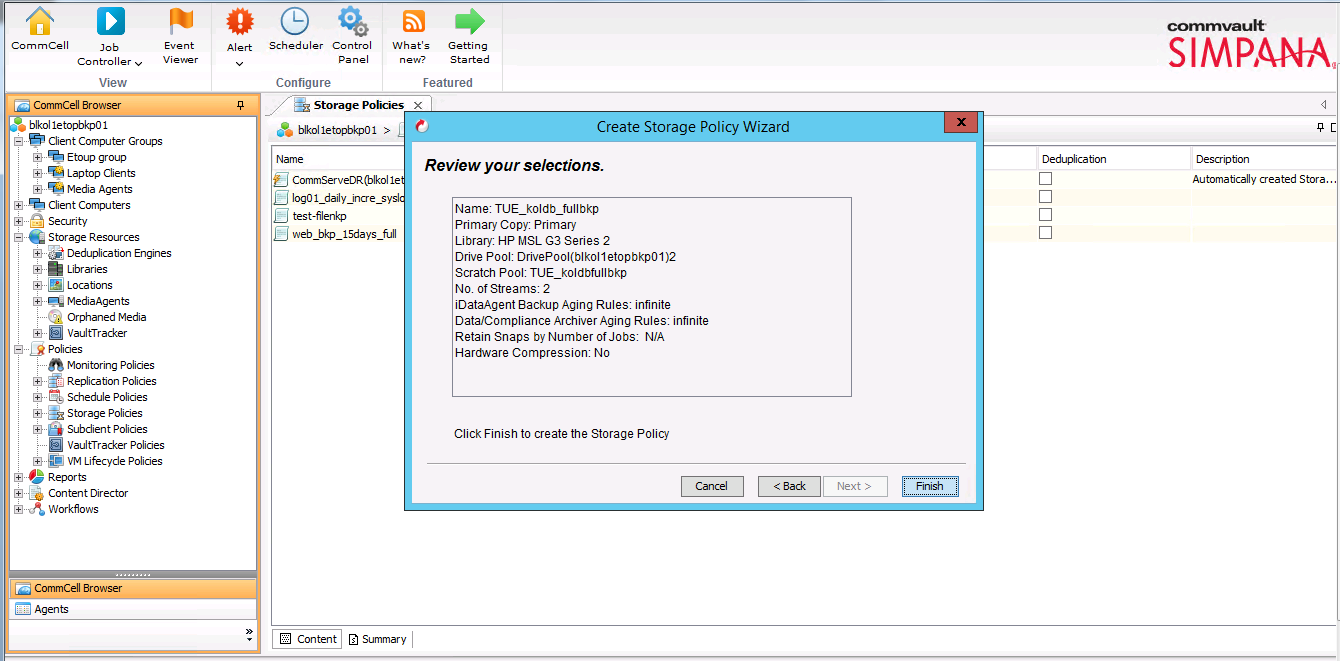


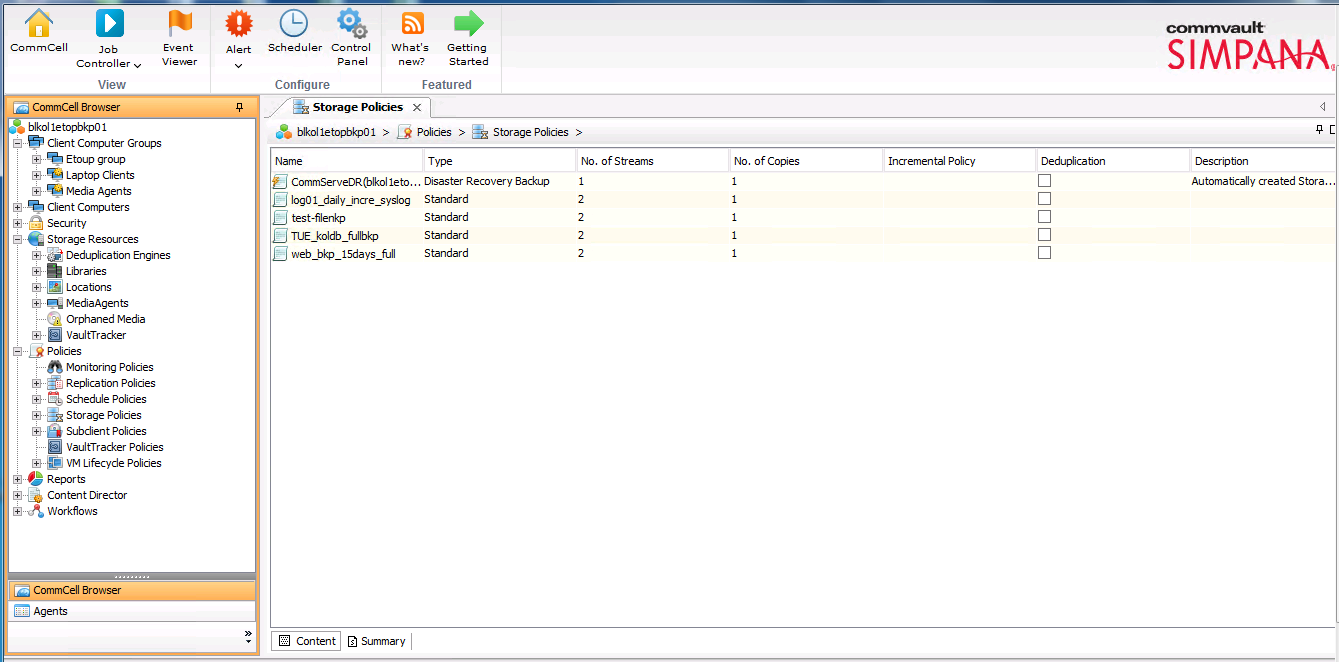




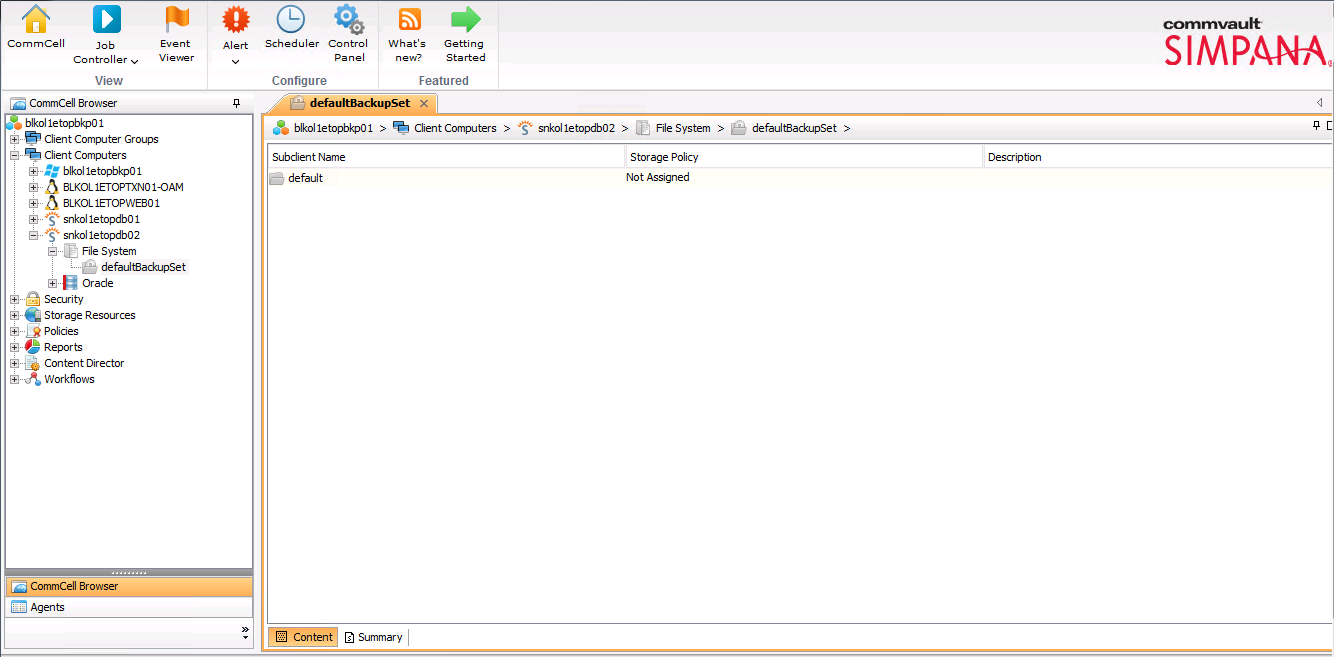


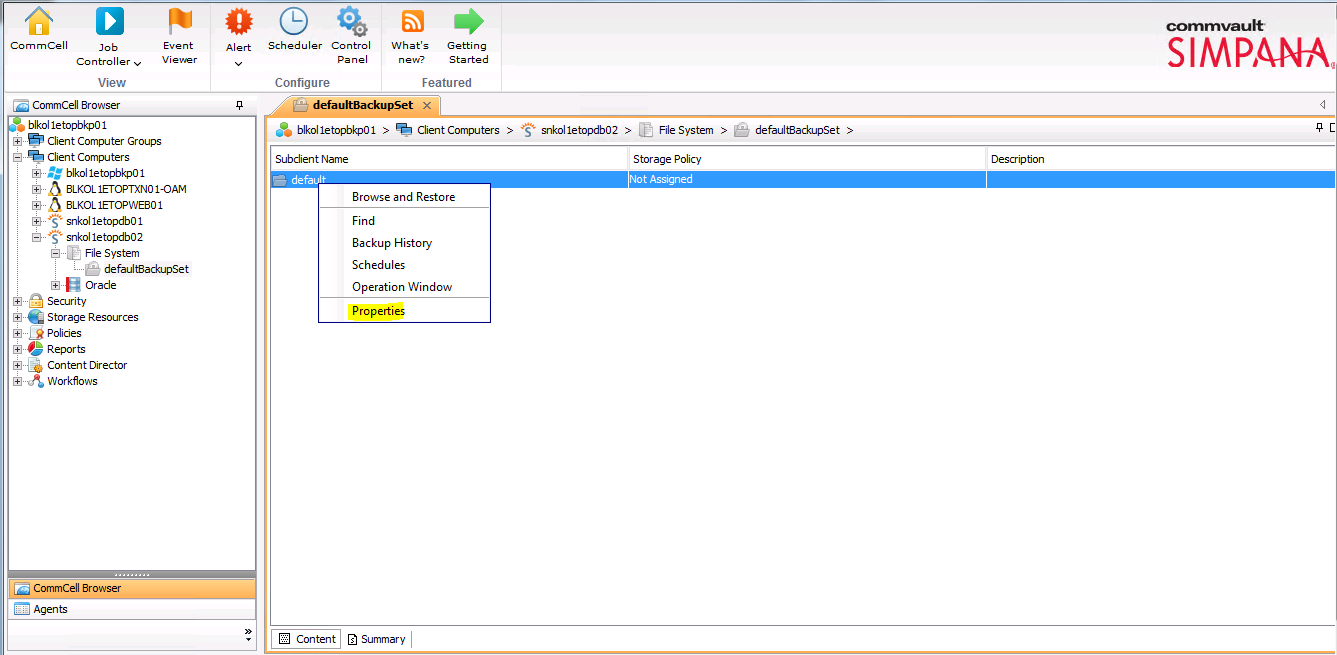


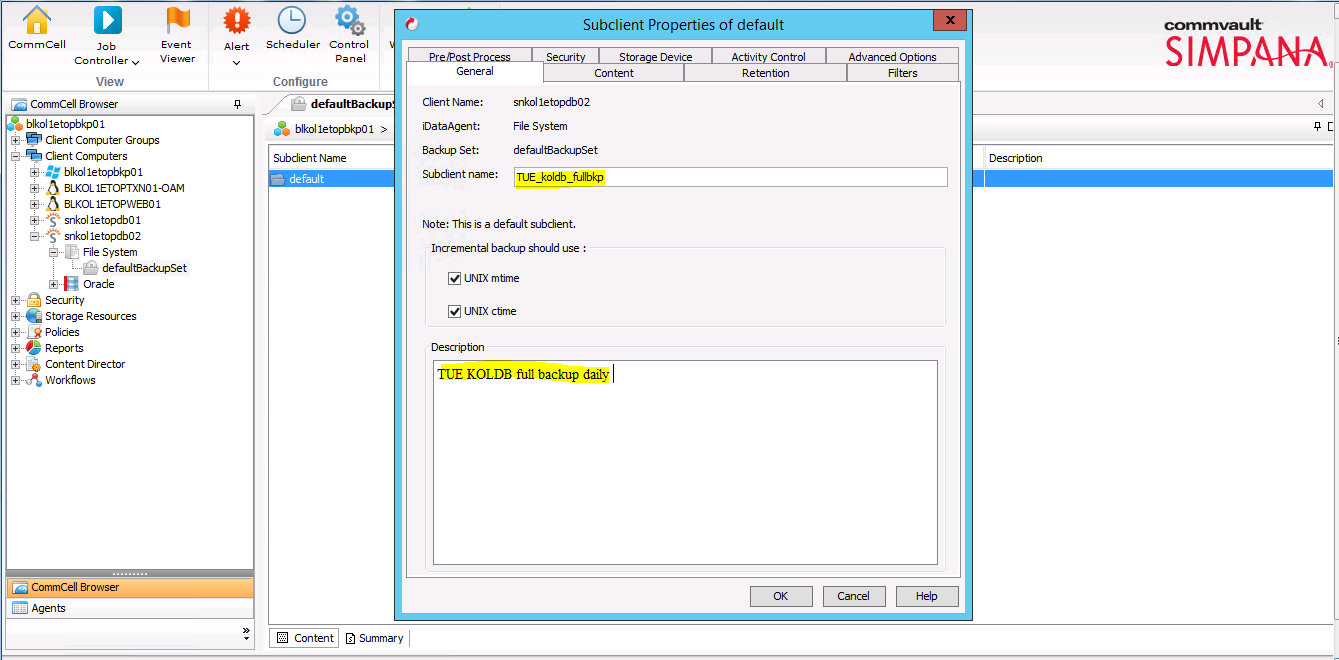


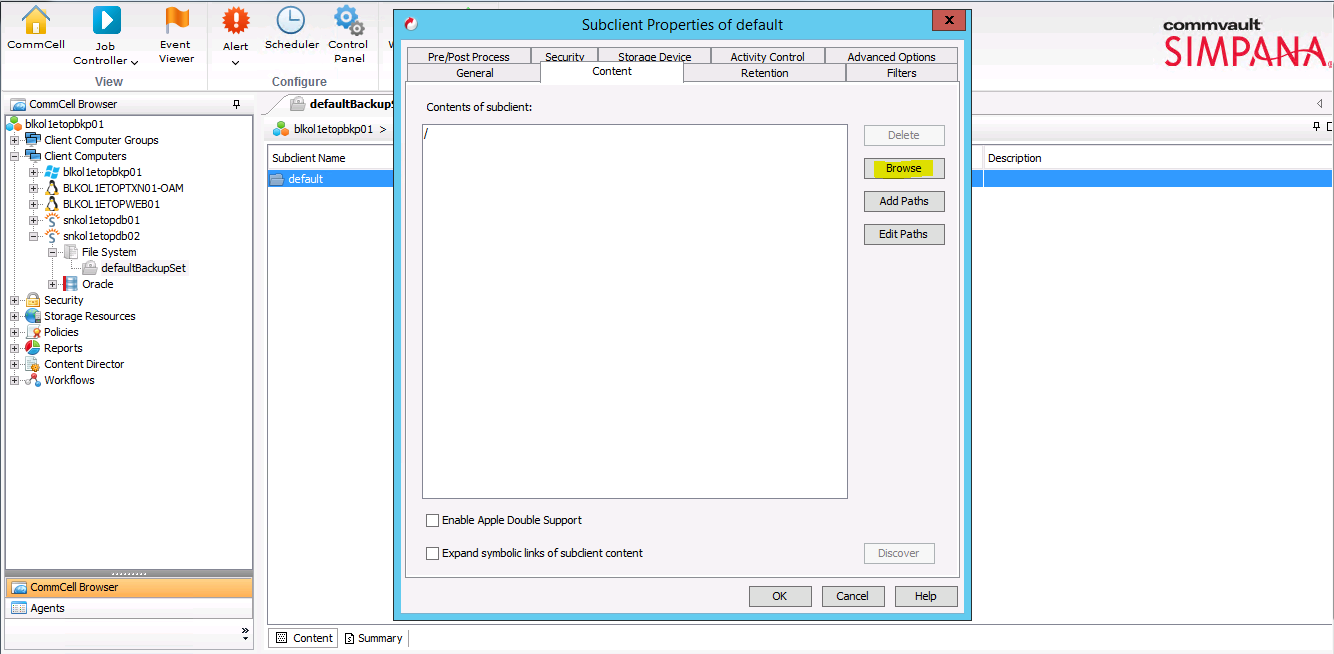


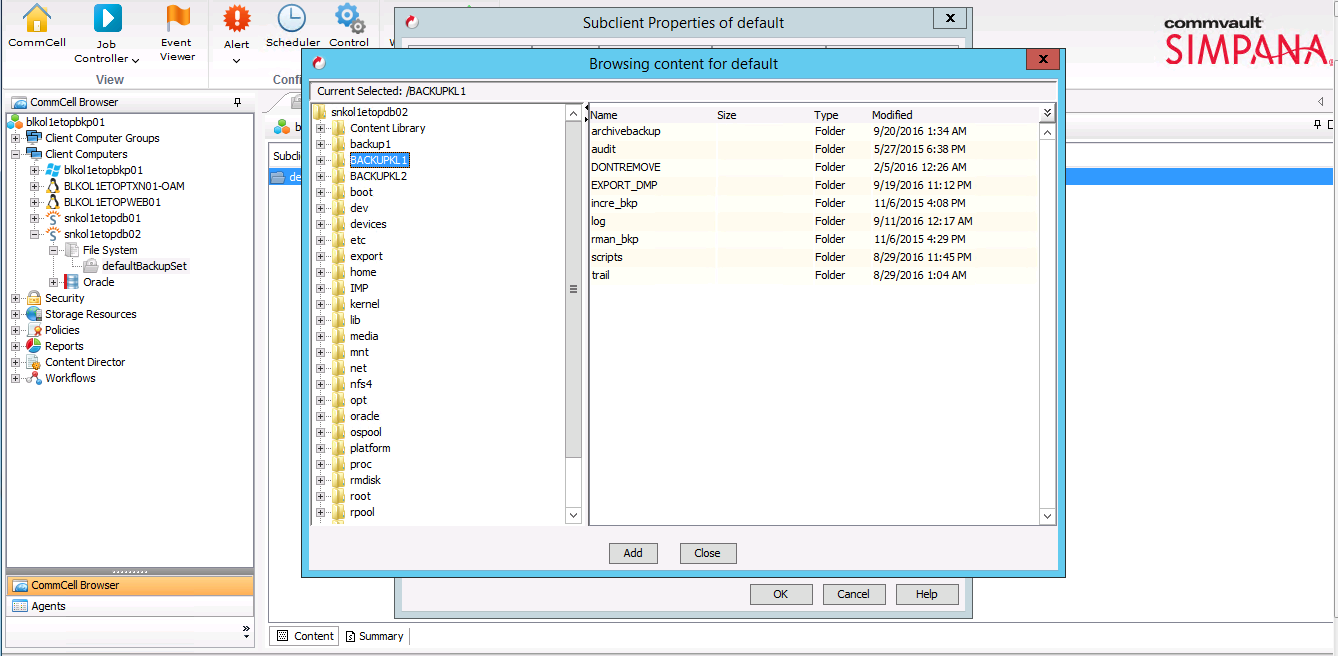
## File systems backup policy

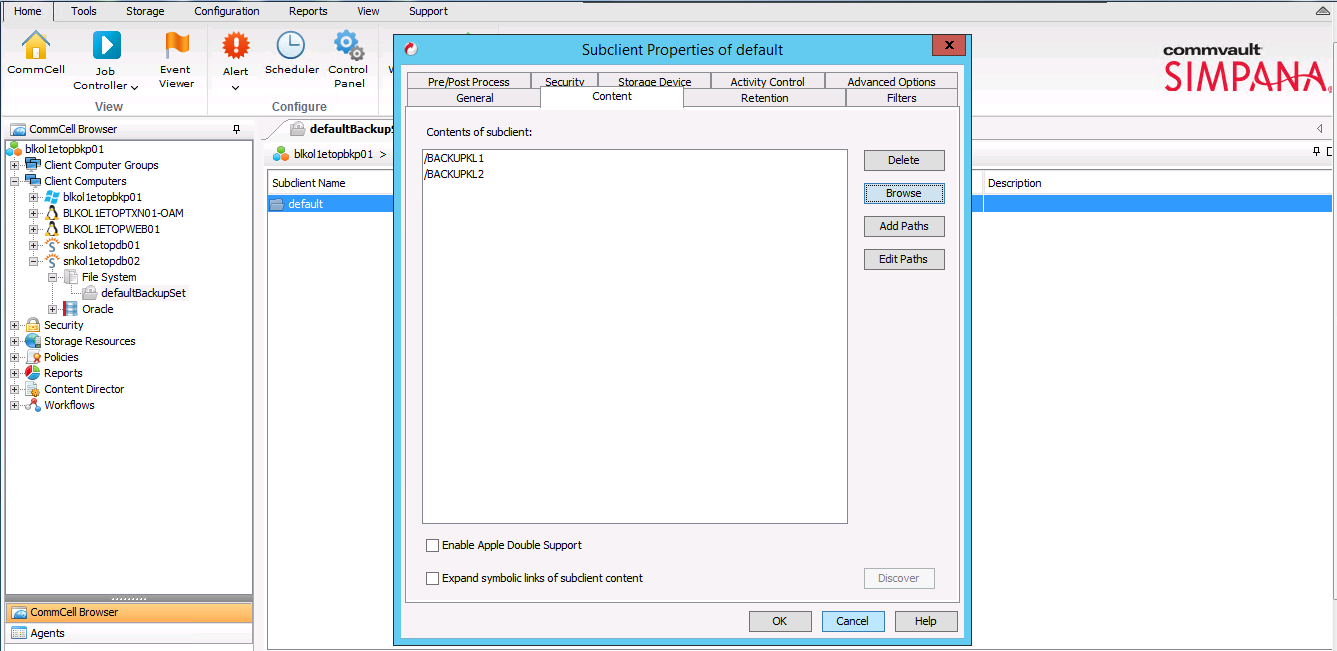


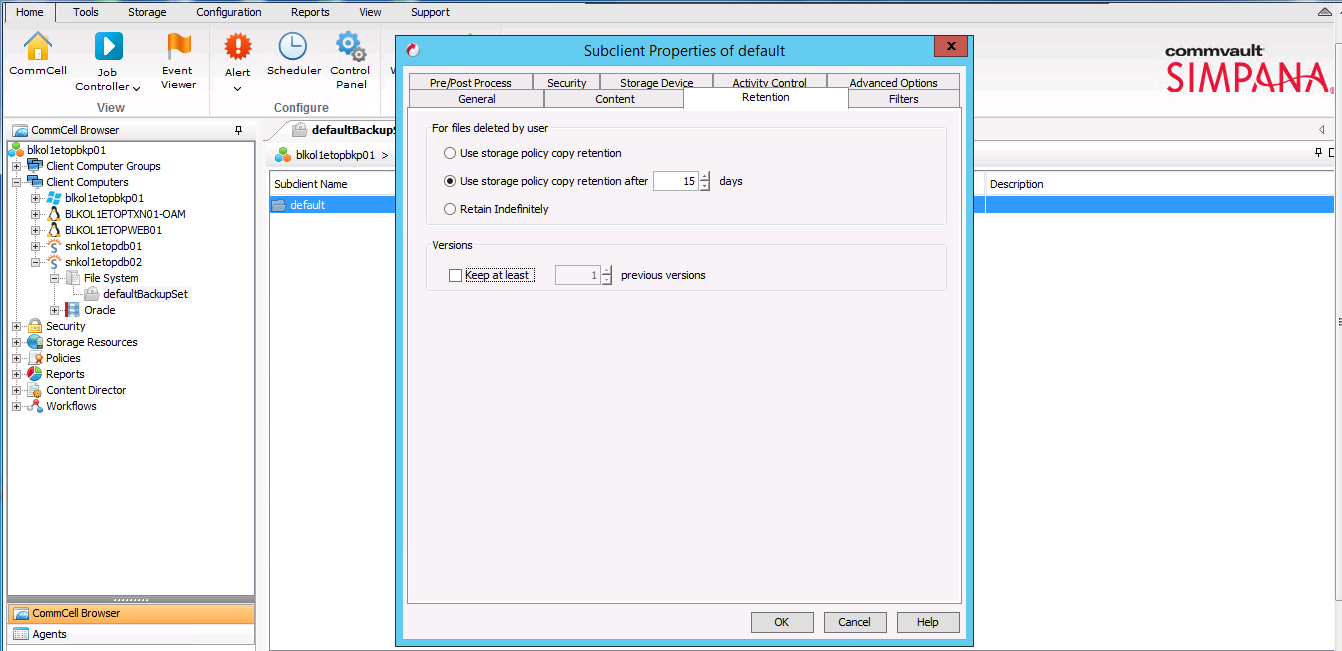


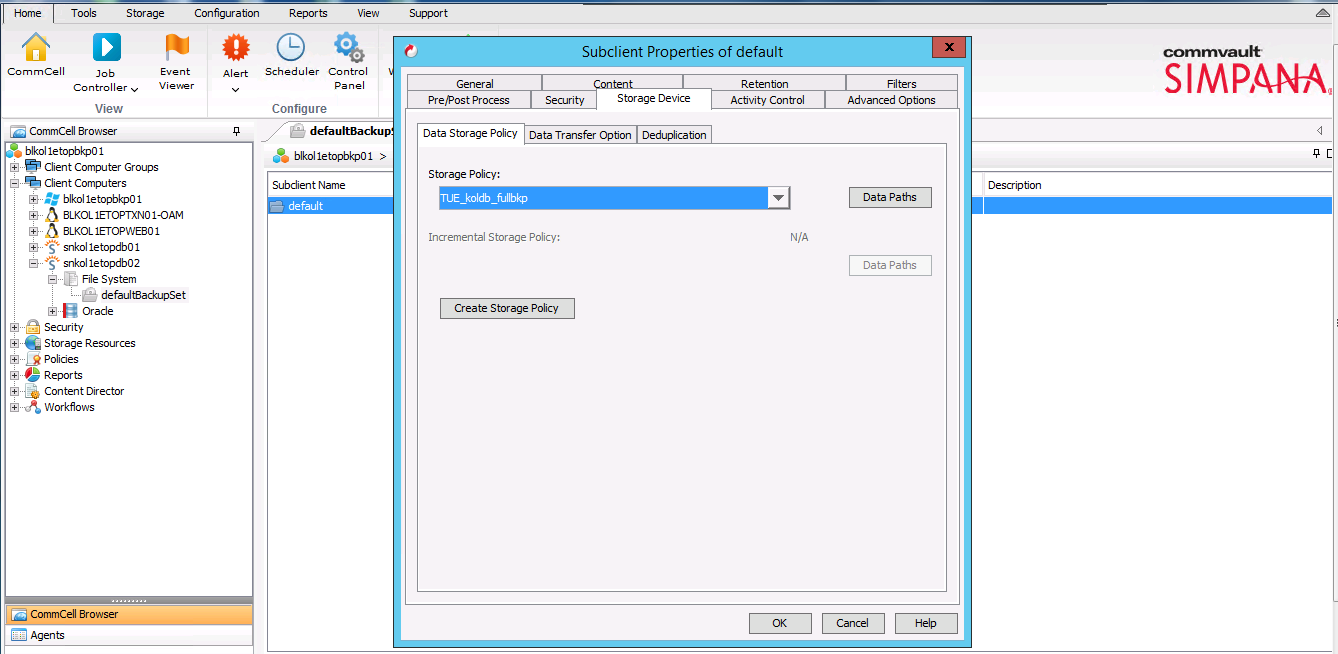


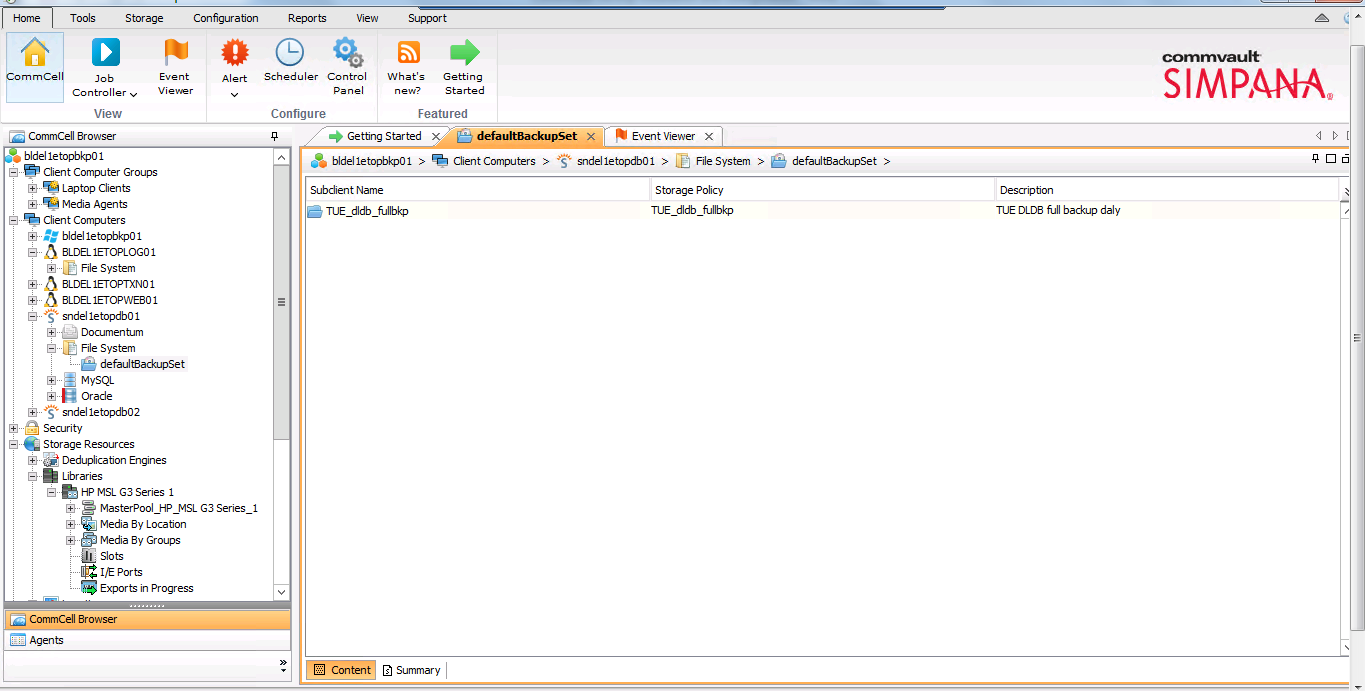




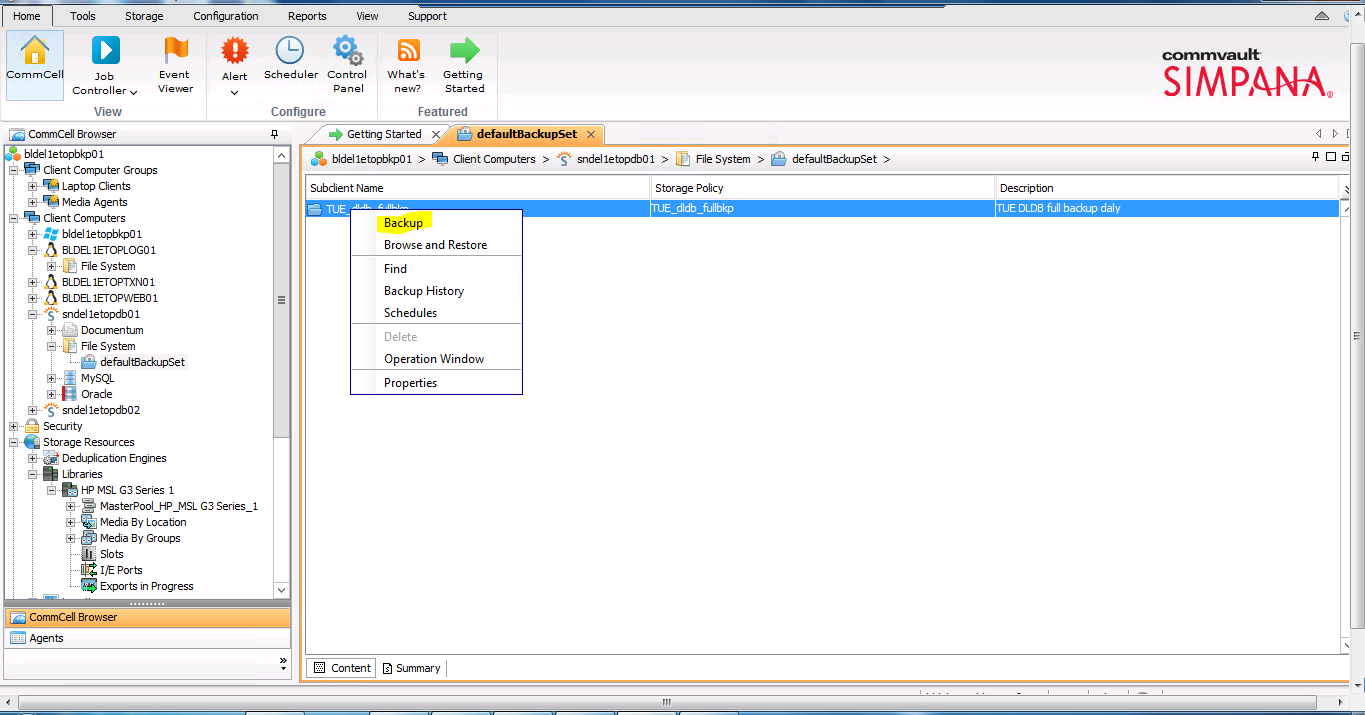


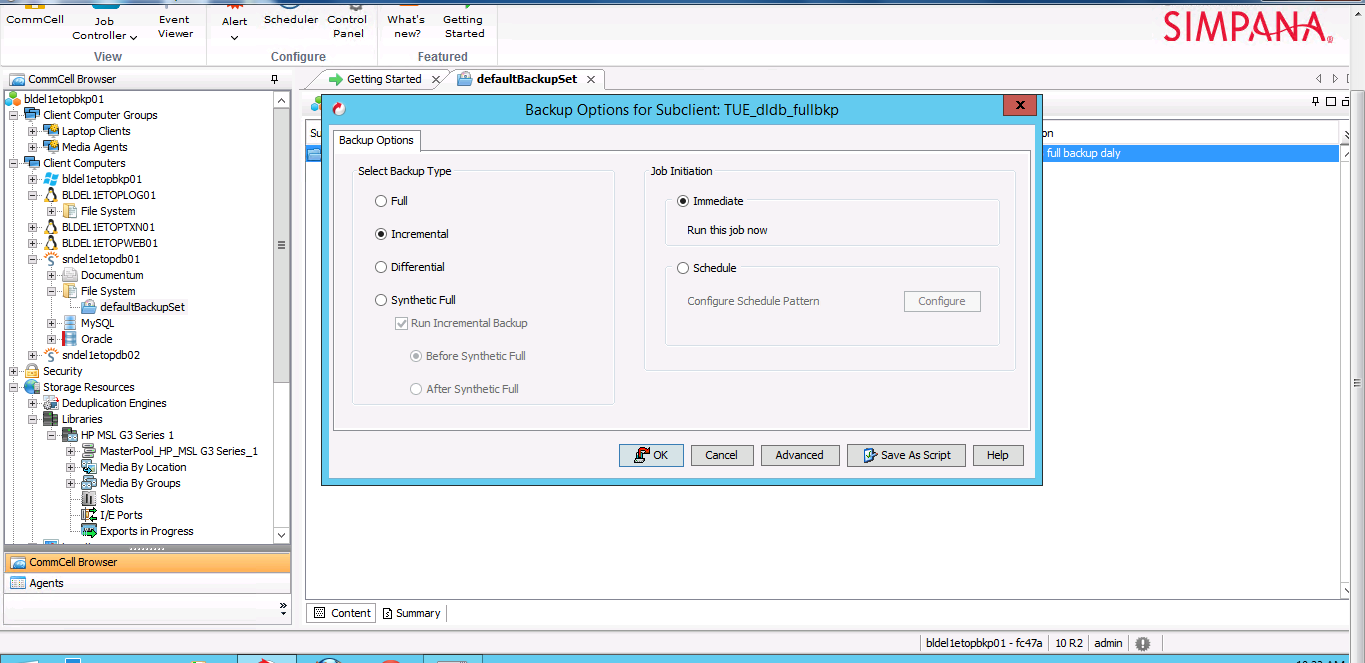


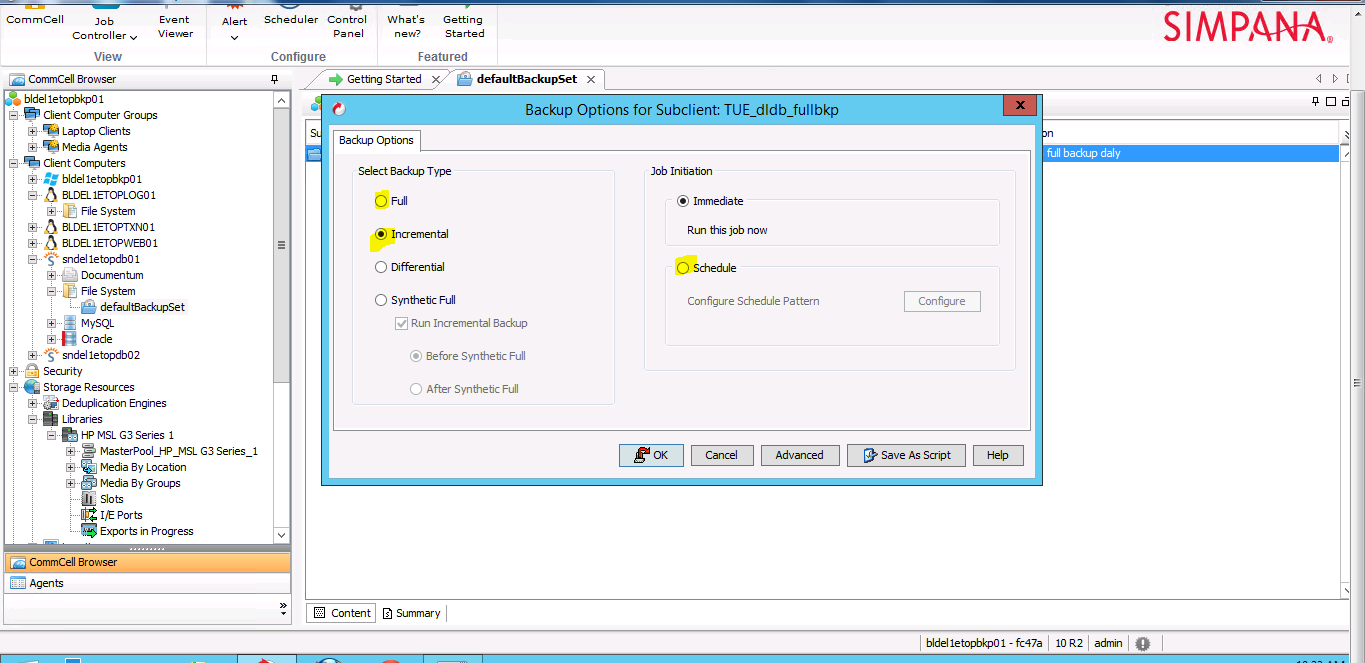


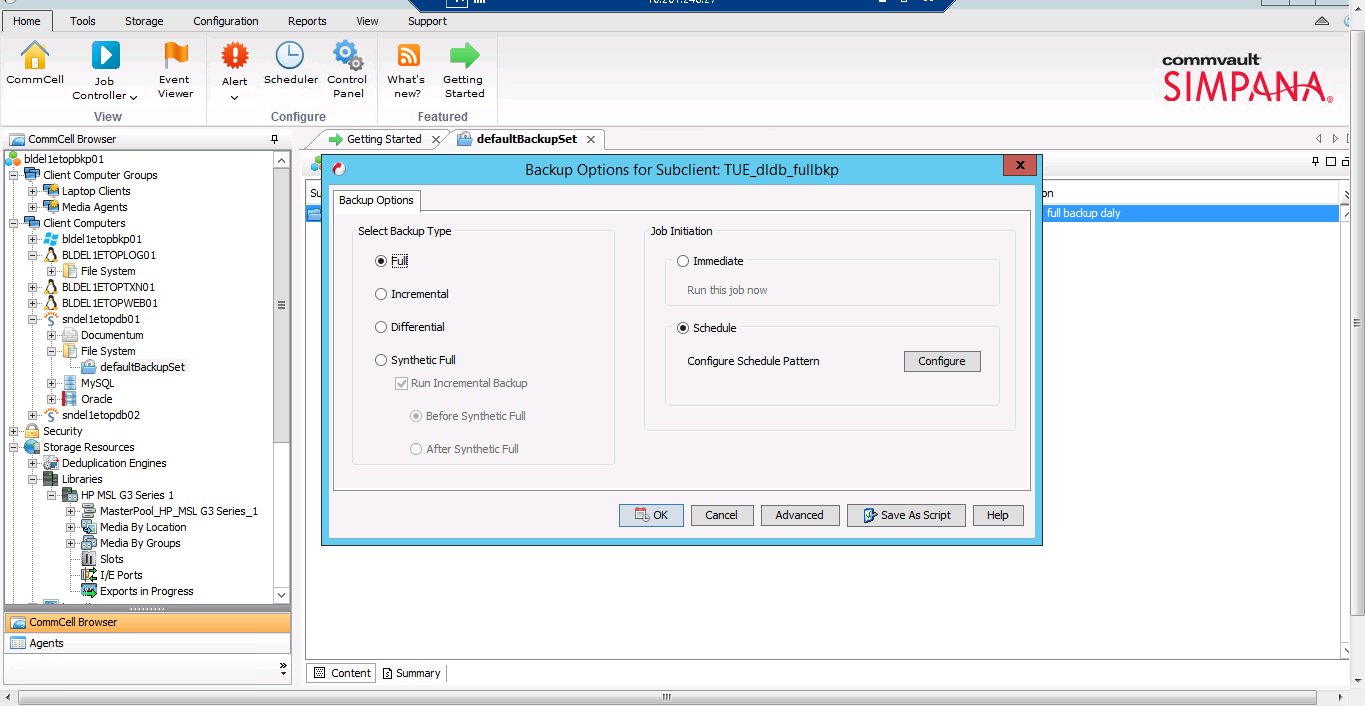


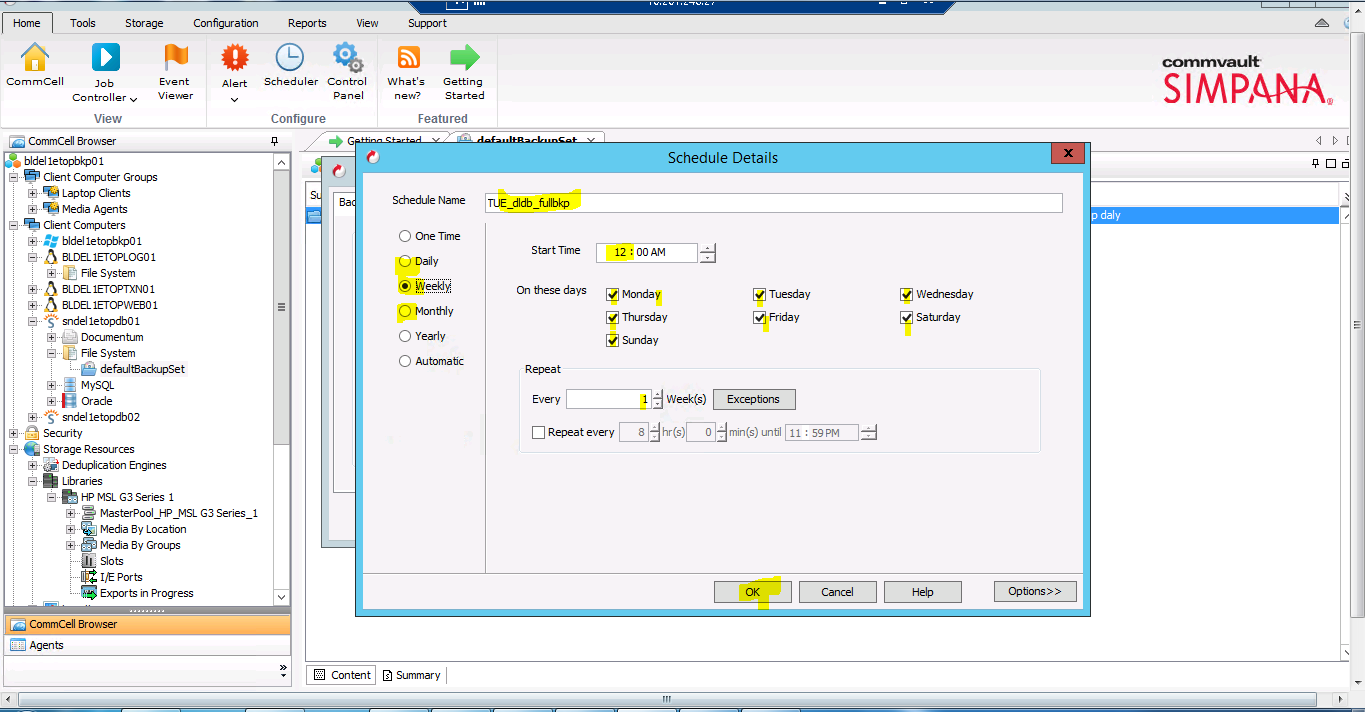
***Scheduling Backup***

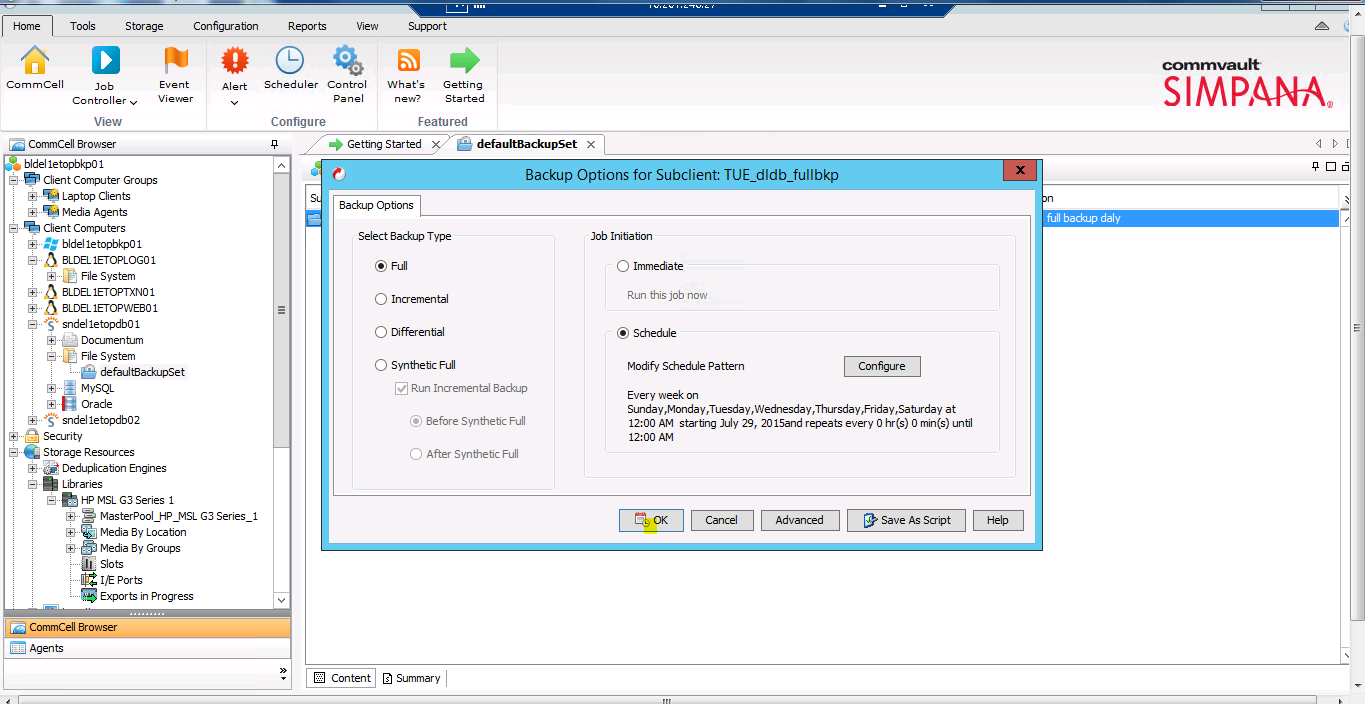




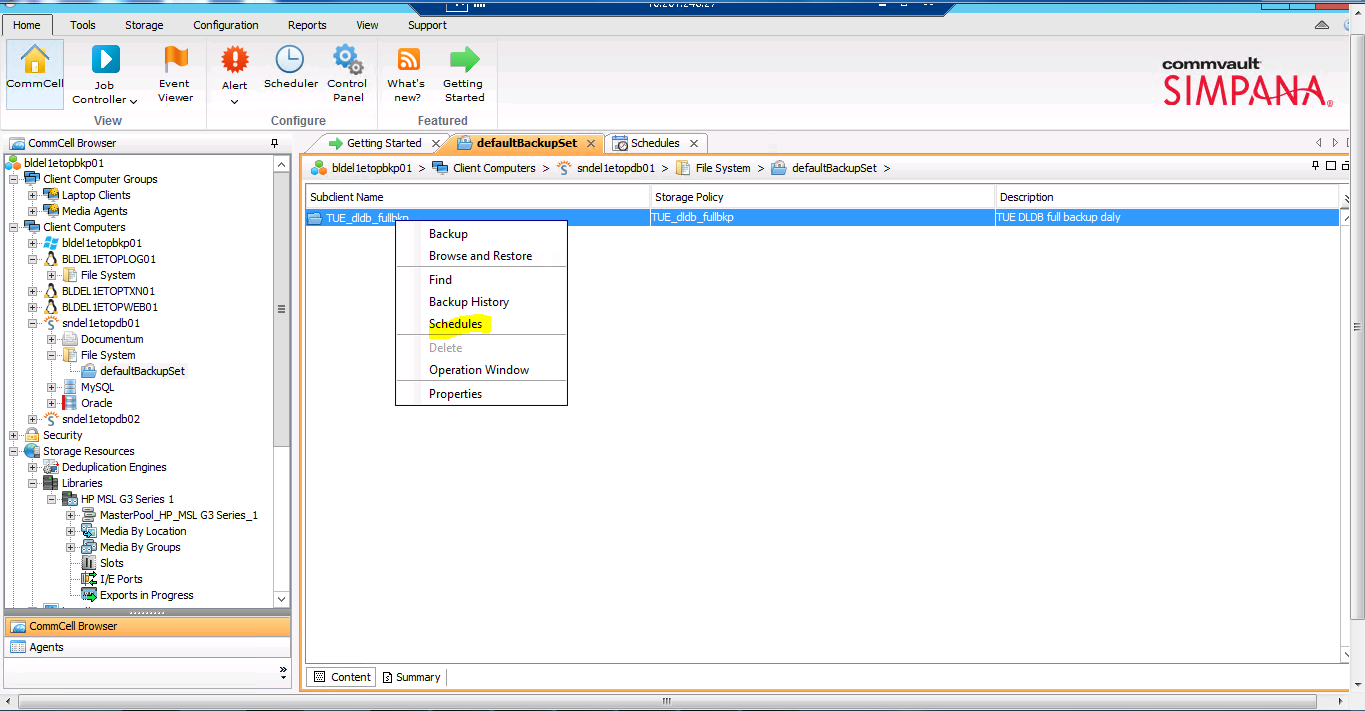


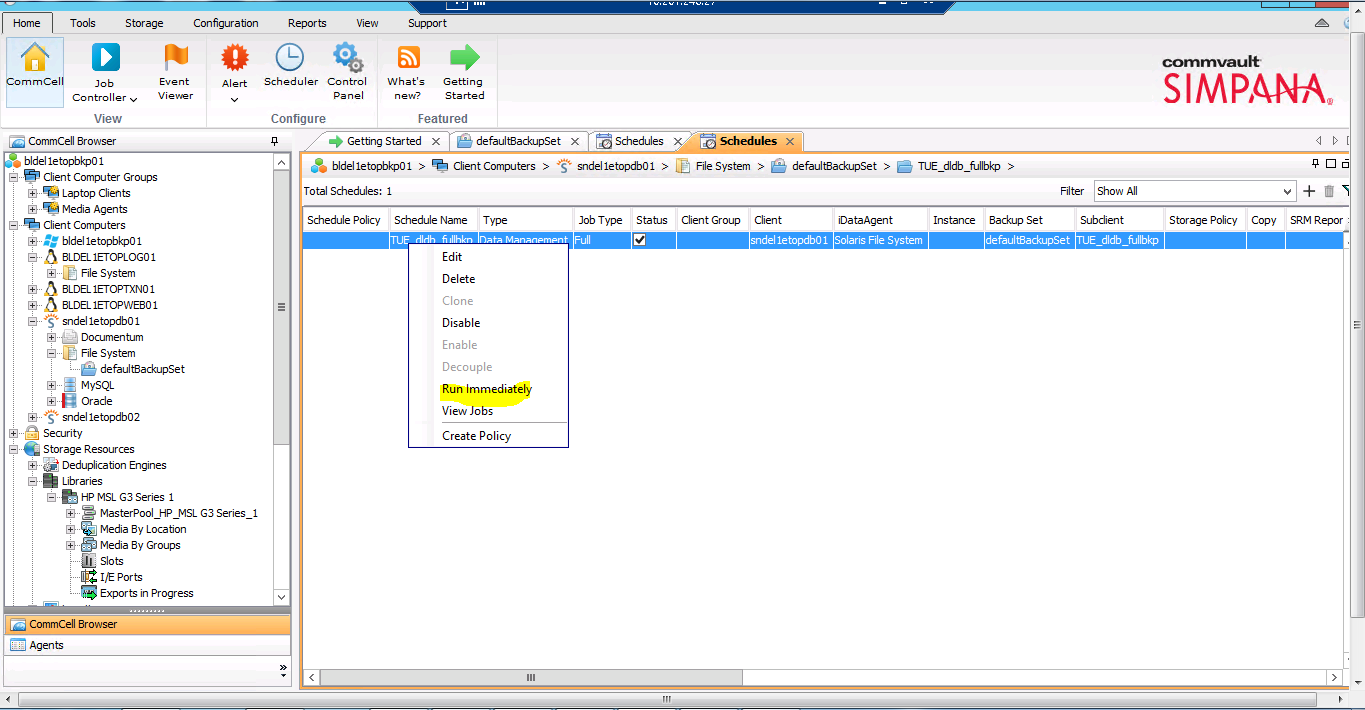


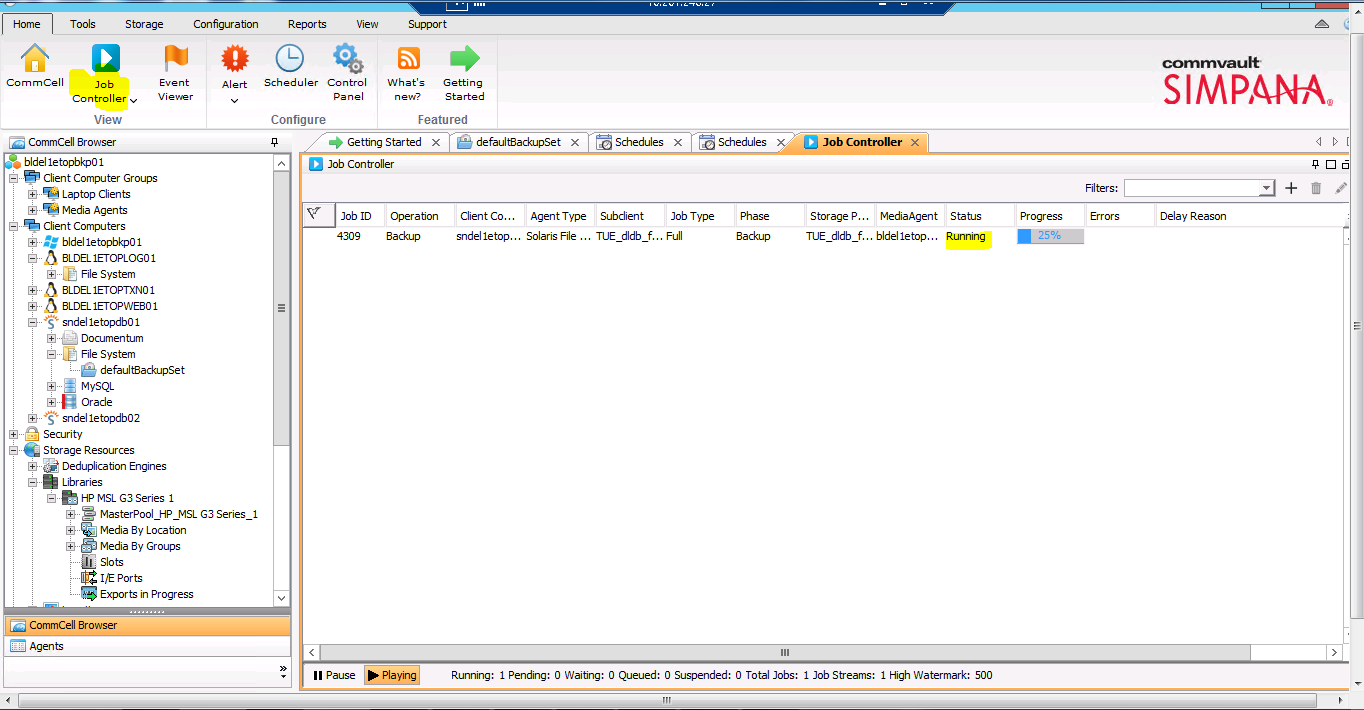




***Running /Testing Backup***







## Backup & Retention Policy.

In attached excel sheet, we have mentioned the backup and retention policy which is configured in Kol setup. Also this sheet has the details of servers and their mount points.

There are total 23 tape media in tape library. Two pools have been created, one for DB backup and other for Application & Syslog backup. Each backup is being created in separate tape media. If tape media is full than it will use other media automatically. Also the backup data will be cleaned as per retention policy and then media will be re-used automatically.



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