

<u>Amanda Enterprise (AE)</u>, a product of Zmanda, can prune, drop, and recycle aging backup data to free up your storage media and make it available for new backups. Amanda uses labels to identify backup media. Labels ensure that the backup set is loaded in the correct storage media, and no backup is overwritten before the completion of the planned retention cycle. When the Zmanda Management Console (ZMC) finds a labeled piece of media (media that already contains backup data), it will not write a backup to that storage. When the ZMC finds unlabeled media:

- 1. It writes a label for subsequent identification.
- 2. It catalogs a record of the new media. This allows the ZMC to use new media before recycling the used media. The media is used depending on its label.

Let's have a look at how Zmanda prunes, drops and recycles older backup images.

## Watch the How-To Video Below:



# What is Pruning?

Pruning is a method of removing old and unnecessary backup residing on media. This media is not useful until it clears the data in it. Zmanda has an inbuilt mechanism that prunes the expired media automatically after they have passed the Retention Period.

## **Manual Pruning**

In case the expired media is not pruned automatically, you can do a manual pruning by following the below-mentioned steps.

• Navigate to Backup > Media page and click on the "Prune" button under the Media list.



This will clear up all the expired media.

Man	nage Media fo	or: dr_testing													6
Bac	kup Cycle*:	7 Every DLE	days will have at least one full backup every 7 da	iys.						Total:	₩.X	368 MiB	Total/Partition:	3%	
Rete	ention*:	10	days							Total Unexpired	red:	368 MiB	Expired/Partition	0 %	
		Update								Expired & no	t Prunable:	0 MiB	EP / Unexpired:	0.%	
		Retain the directories,	ability to restore existing and changed files, and other items in your backup images for	folders, 10 days.										]	
All	Hostname	Directory/Path	Media Label	Age	Prunable	Level	Used	Size	Archived?	Backup Time	HH:MM	Туре	Encrypted	Compressed	Status
1	localhost	/opt/zmanda	dr_testing-AA-dr_testing-000000001	<-0	Unexpired		3%	368.125M	No	2019-10-25 15:49	44.90563		-	-	OK
Inve	rt Selection	Refresh Table	Recycle Archive Verify Integrity Explor	Prune											

## **Recycling**

Recycling a media will remove any data that is present in the media. This process will then make the media available for future backup runs.

Note: Once the media is recycled, it is not possible to get the data back, so you need to be careful while using this option.

Manage	e Media fo	or: dr_testing													6
Backup	p Cycle*:	7	days							Total		368 MIB	Total/Partition:	3%	-
		Every DLE	E will have at least one full backup every 7 da	ys.						Total Expired		0 MIB	Expired/Total:	0%	
Retenti	ion*:	10	days							Total Unexpire	ed:	368 MiB	Expired/Partition	0.96	
		Update								Expired & not	Prunable:	0 MiB	EP / Unexpired.	0.%	
		Retain the directories	ability to restore existing and changed files, , and other items in your backup images for	folders, 10 days.										]	
All H	ostname	Directory/Path	Media Label	Age	Prunable	Level	Used	Size	Archived?	Backup Time	HH:MM	Туре	Encrypted	Compressed	Status
Io	calhost	/opt/zmanda	dr. testing-AA-dr_testing-000000001	<-0	Unexpired		3%	368.125M	No	2019-10-25 15:49	44.90563	-		*	OK
Invert S	election	Refresh Table	Recycle Archive Verify Integrity Explor	e Prune											

# **Dropping**

Recycle option will empty the tape but maintains the label so that it will be used in the consecutive runs. However, dropping a tape will delete the data in it as well as the label assigned to it.

• In the case of Tape backup, there is an additional option to drop the tapes along with the recycle option.

widita	ige Media for: label_test		8
Row	<ul> <li>Part of curre</li> <li>Probably use</li> <li>Desired retermedia provided</li> <li>L0 media coi</li> <li>0 backup image</li> </ul>	nt retention period. ed next. ntion period <mark>violation</mark> (unless new ). ntains at least one DLE with a level e.	
All	Written When	Media Labels / Barcodes	Archived?
	2019-10-22 20:32	label_test-E01007L4	No
		label_test-E01009L4	
	2019-10-24 22:23	label_test-E01008L4 label_test-E01009L4 label_test-E01010L4	No
	2019-10-24 22:23 2019-10-24 22:26	label_test-E01008L4 label_test-E01009L4 label_test-E01010L4 label_test-E01011L4	No No

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Please follow the above steps to prune, drop, and recycle images from the media. In case you get stuck in the process, kindly contact our team.

You can reach us at <u>support@zmanda.com</u> or give us a call at 888-496-2632 (U.S.) or 408-732-3208 (INTL).

Be sure to check out our other how-to videos: <u>How To | Create a Windows Template on Zmanda Windows</u> <u>Client and Configure It</u>