RDX Native Backup WBAdmin Windows Server 2012 with multiple cartridges

CASE:

Enable Windows Native Backup on WS2012 to use multiple rdx cartridges (backup disk volumes) from a single RDX device setup in "Fixed mode"

Tech links:

http://technet.microsoft.com/en-us/library/cc732939(d=printer).aspx

http://social.technet.microsoft.com/Forums/windowsserver/en-US/a453ced0-3772-4665-9c5d-94fd410c4940/unable-to-add-usb-drives-for-backups-server-2012

Short description:

- To be able to add / preformat several RDX cartridges for use by Windows Native Backup, one must use the command-line tool "**wbadmin**" from an elevated command prompt.
- When doing this, the user will encounter a known bug in WS2012 that aborts the disk addon procedure with a message telling that the specified filepath is invalid/not found.
- A Bugfix can be found here: http://support.microsoft.com/kb/2833738
- After running this bugfix, the procedure below works as expected.

In the example below, we have first added a backup job using the Windows Server 2012 Std. Backup Wizard GUI. The target disk (backup volume) is a RDX cartridge inserted into a RDX dock set to "Fixed" mode. Then we added another cartridge to the list of available backup volumes using "wbadmin".

To prepare another cartridge to be used do the following

1. Eject the rdx cartridge that was initially added for the backup job.
2. Insert the next cartridge to be used for the set of backup disks
3. Use " **wbadmin get disks**" to get the Disk Identifier for the new cartridge (disk)

See example 1 below

4. Add the new cartridge with the command:

wbadmin enable backup -addtarget:<target-ID> where <target-ID> is the Disk Identifier found using **wbadmin get disks**

-Answer "Y" to all questions, and the RDX cartridge will be formatted and added to the set of known backup volumes..

See example 2 below

Example 1 – "wbadmin get disks"

```
C:\Windows\system32>wbadmin get disks
wbadmin 1.0 - Backup command-line tool
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Disk name: HDT72251 6DLA380 SCSI Disk Device
Disk number: 0
Disk identifier: {26512650-0000-0000-0000-000000000000}
Total space: 153.38 GB
Used space : 13.48 GB
Volumes: <not mounted>[System Reserved],C:[]


Disk name: HP RDX USB Device
Disk number: 1
Disk identifier: {ffa4b8b9-85fe-47ad-8d2e-0b2353b03888}
Total space: 149.04 GB
Used space : 240.41 MB
Volumes: <not mounted>[WIN-8T5 2013_09_17 12:24 Disk_02]
```

Example 2 – adding a new disk using: "wbadmin enable backup -addtarget:<Disk Id>"

```
C:\Windows\system32>wbadmin enable backup -addtarget:{ffa4b8b9-85fe-47ad-8d2e-0b2353b03888}


wbadmin 1.0 - Backup command-line tool
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The scheduled backup settings:


Bare metal recovery : Not Included
System state backup: Not Included
Volumes in backup: (C:) (Selected Files)
Components in backup: (null)
Files excluded: None
Advanced settings: VSS Backup Option (COPY)
Location to store backup: WIN-8T5 2013_09_17 12:17 DISK_01,HP RDX USB Device
Times of day to run backup: 13:00


Do you want to enable scheduled backups using these settings?

[Y] Yes [N] No Y


Do you want to format and use HP RDX USB Device (that includes volumes <not moun
ted>) as the location to store scheduled backups?

[Y] Yes [N] No Y


Label the backup disk as WIN-8T5 2013_09_17 12:53 Disk_02.
This label identifies this backup disk during recovery.
The scheduled backup is enabled.


Done.
```