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.
```