The following Release Notes contain general information, and solutions for known issues, with HP’s One-Button Disaster Recovery (OBDR):

**Hardware:**

**GENERAL**

Make sure your ProLiant server and controller have the latest ROM and/or BIOS. In many cases, this can resolve issues that prevent booting from tape.

Click [here](#) to access the HP Software and Driver Downloads web page.

When performing an OBDR restore, make sure that the hard drive being restored is the same size or larger than the original failed hard drive.

If the ProLiant server does not boot from the HP tape drive, verify that the SCSI controller port, where the tape drive is attached, is first in the Boot Control Order (BCO) listing in the server’s ROM-based setup utility (RBSU). RBSU is accessible via the <F9> function key at the end of Power-On Self Test (POST).

Installing 3rd party drivers during the restore process:
- If you have a ProLiant server without a floppy drive, you will not be able to load additional 3rd party drivers during the Microsoft Windows install portion.

**ProLiant SERVERS**

**Problem:** Customers may not be able to invoke OBDR remotely using the <F8> function key if the hard drive is connected to a single channel internal SAS Host Bus Adapter (HBA) and the tape drive is connected to a SC44Ge SAS HBA

**Solution:** OBDR can be invoked manually, or using <F8>, if these controllers are manually switched on the motherboard

or

Reconfigure the SAS controller setup at POST. Change the SC44Ge HBA to Boot 0 and change the single channel internal SAS HBA to "blank".
Hardware

Problem: If, during the restore process, Windows Text Mode Setup states there are no hard drives attached to your server, then the backup software did not successfully load the controller driver

Solution: Load the correct controller driver onto a floppy disk

When the tape drive is booting, Windows will ask you to press <F6> to add drivers for hardware. Press <F6> and wait until you are prompted to insert your manufacturer’s driver disk. Make sure that the driver being loaded is the correct one for the controller that your hard drives are attached to.

This occurs very quickly after the blue Text Mode Setup screen appears after detecting existing hardware.

Note: This procedure is applicable when using Symantec Backup Exec or CA ARCserve backup software.

Problem: The server will not boot from tape:

Solution: Some ProLiant 1xx series servers do not place the tape drive first in the Boot Control Order by default. Prior to restoring, use the manual or remote (F8) method to invoke OBDR using the following instructions:

Manual method:

1. Insert the disaster recovery tape into the HP tape drive
2. Hold down the eject button
3. Power cycle the external tape drive
4. Release the eject button as soon as the LEDs flash
5. Turn on the server
   Note: To place an internal tape drive into OBDR mode, insert the disaster recovery tape and power cycle the server
6. Press <F10> to go to the BIOS Setup Utility
7. Select BOOT from the menu at the top of the page
8. Select Hard Disk Drive
9. Check the Boot Order to see if the SCSI device is listed first and the hard disk drive is listed second
10. If the hard disk drive is listed first, change the boot order to make the SCSI device first and the hard disk drive second
11. Save the changes
12. The server will now boot from the tape drive and restore your files using the OBDR process

Remote <F8> method:

1. Insert the disaster recovery tape into the HP tape drive
2. Turn on the server
3. Press <F8> when prompted to go to the Configuration Options Menu
4. Select 1 to place the tape drive into OBDR mode
5. When the server reboots, press <F10> to go the BIOS Setup Utility
6. Follow steps 7-12 shown above to complete the OBDR process
Hardware

Problem: On some entry level ProLiant 1xx servers, the USB DAT tape drive may not drop out of OBDR mode automatically after the server reboots.

Solution: If this happens, the tape drive and server must be manually power cycled again to complete the OBDR restore process.

HP TAPE DEVICES

For DAT 72x6 and DAT 72x10 Autoloaders:

When performing an OBDR restore with the DAT autoloader, it is best to remove all tape media with the exception of the bootable tape. Place the bootable tape in Slot 1. This will prevent any time outs due to the mounting of multiple tape media cartridges.
HP Data Protector Express

**Problem:** Open Windows Management Instrumentation (WMI) files are not backed up which results in WMI being restored incorrectly. Some menu items are missing in the *Categories* pull down menu in the *Survey* tab of *HP Insight Diagnostics*.

**Solution:** Windows Management Instrumentation can be recovered as follows:
1. The WMI Control Properties Dialog box allows users to backup/restore the WMI database through the Backup/Restore tab.
2. Backup the WMI database, using the *Back Up Now* button, before creating the OBDR bootable tape.
3. Create the OBDR bootable tape.
4. After OBDR has completed, restore the WMI database using the *Restore Now* button.
5. Restart the WMI.
6. The missing items from the *Categories* pull down menu in the *Survey* tab will be restored after the HP Insight Diagnostics page is launched.