Ignite-UX: Recommendations from HP for Ignite-UX Versions C.6.5.x, C.6.4.x, C.6.3.x, and C.6.2.x

HP has identified several issues that can impact customers in Ignite-UX versions C.6.5.x, C.6.4.x, C.6.3.x, and C.6.2.x and are described in the following sections.

LVM Volumes Omitted from Recovery Archives

Ignite-UX versions C.6.5.x, C.6.4.x, C.6.3.x, and C.6.2.x can omit LVM volumes from recovery archives when locale environment variables are not set to null or "C".

HP has identified an issue with Ignite-UX versions C.6.5.x, C.6.4.x, C.6.3.x, and C.6.2.x. For logical volumes managed by LVM when the locale environment variables are set to a value other than null or "C", recovery archives can silently omit the LVM volumes without warning. Such omissions result in flawed recovery archives and incomplete system recoveries. Impacted languages include Japanese, Simplified Chinese, Traditional Chinese, Korean, German, French, Spanish, and Italian.

Ignite-UX version:	Where the version is available:
C.6.2.x	May 2005 HP-UX 11i v2 (B.11.23) OE media May 2005 HP-UX 11i v1 (B.11.11) and HP-UX 11i v2 (B.11.23) AR media
C.6.3.x	September 2005 HPUX 11i v1 (B.11.11) OE media September 2005 HP-UX 11i v1 (B.11.11) and HP-UX 11i v2 (B.11.23) AR media
C.6.4.x	HP-UX Serviceguard and Storage Management Products media (October 2005) HP-UX Serviceguard and Storage Management Products media (December 2005)
C.6.5.x	December 2005 HP-UX 11i v1 (B.11.11) and HP-UX 11i v2 (B.11.23) AR media

This problem is fixed beginning with Ignite-UX version C.6.6.x and is available for download from the Download Ignite-UX page.

Recommended Actions

HP recommends the following actions:

- Check your recovery log files to determine possible omissions. If volumes were omitted when you created a recovery archive, you are impacted. See *make_tape_recovery*(1M) and *make_net_recovery*(1M) for information about the location of recovery.log.
- Work around this issue by temporarily setting your LANG and LC_ALL locale environment variables to null; example commands follow:

```
LANG= LC_ALL= make_tape_recovery -[options]
```

or

```
LANG= LC_ALL= make_net_recovery -s Ignite-UX_server -[options]
```

  Setting LANG and LC_ALL to null (that is, using LANG= LC_ALL=) is the equivalent of making the command run in the default C locale.
- Ignite-UX version C.6.6.x addresses this issue and is available for download from the Download Ignite-UX page. Install Ignite-UX version C.6.6.x on the Ignite-UX server and your client systems using the following example command:

```
/usr/sbin/swinstall -s  hostname:depot_name B5725AA
```

- Recreate any recovery archives that are incomplete using either the workaround or the Ignite-UX version C.6.6.x (or newer version) upgrade.

Slow Network Boot of the 11i v2 (B.11.23) PA-RISC Installation Kernel

When performing a network boot installation of HP-UX 11i v2 (B.11.23) on a PA-RISC client using Ignite-UX versions C.6.5.x, C.6.4.x, and C.6.3.x, the time required to load and boot the install kernel can increase significantly. Under normal circumstances the time required for this boot is 1 to 5 minutes; when affected by this problem, the time can be 15 to 90 minutes.

This problem is fixed beginning with Ignite-UX version C.6.6.x.

Recommended Actions

HP recommends that customers who experience this problem take one or more of the following actions:

- Wait for the install kernel to completely transfer from the Ignite-UX server. The installation will proceed normally after the delay.
- Initiate the installation by booting from DVD media or recovery tape. Media installations are not affected by this problem.
- If the client system is already running some version of HP-UX, use the **bootsys** command or you can use **Boot Client** from the **Actions** menu in the Ignite-UX application to initiate network-based installs.
- If you have not installed Ignite-UX version C.6.5.x, C.6.4.x, or C.6.3.x, you may remain on Ignite-UX version C.6.2.x. (This is not an option if you are using VxVM 4.1.)
- You may upgrade to Ignite-UX version C.6.6.x or newer version:
  1. Download Ignite-UX version C.6.6.x (or newer version) from the Download Ignite-UX page.
  2. Install Ignite-UX version C.6.6.x on the Ignite-UX server and your client systems using the following example command:
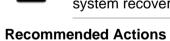
```
/usr/sbin/swinstall -s hostname:depot_name B5725AA
```

Expert Recovery failure on 11i v2 (B.11.23) Itanium®-based servers

In Ignite-UX version C.6.3.x, expert recovery will fail on HP-UX 11i v2 (B.11.23) Integrity servers when using VxFS. The VxFS **umount** command is missing from one of the Ignite-UX data files.

This problem is fixed beginning with Ignite-UX version C.6.4.x.

NOTE: Expert recovery does not refer to use of the *make_tape_recovery*(1M) and *make_net_recovery*(1M) commands. Rather, expert recovery is most often used to fix file system and kernel issues so that system recovery is not needed.

Recommended Actions

HP recommends that customers who are using Ignite-UX on HP-UX 11i v2 (B.11.23) Integrity servers take one of the following actions to avoid the expert recovery problem:

- If you have not installed Ignite-UX version C.6.3.x, you may remain on Ignite-UX version C.6.2.x. (This is not an option if you are using VxVM 4.1 since Ignite-UX version C.6.3.x is the minimum required version to support VxVM 4.1 cold installation and recovery.)
- If you have installed Ignite-UX version C.6.3.x and your Ignite server supports HP-UX 11i v2 (B.11.23) Itanium®-based servers as clients, you should upgrade to Ignite-UX version C.6.4.x or newer version. As a solution to this and other problems:
  1. Download Ignite-UX version C.6.6.x (or newer version) from the Download Ignite-UX page.
  2. Install Ignite-UX version C.6.6.x on the Ignite-UX server and your client systems using the following example command:

```
/usr/sbin/swinstall -s hostname:depot_name B5725AA
```

For more information about expert recovery, refer to the "System Recovery" chapter of the *Ignite-UX Administration Guide*, available on the Information Library page.

A non-existent problem reported in HP-UX 11i v1 (B.11.11) Read Before Installing (RBI)

The *Read Before Installing or Updating* media insert accompanying the September 2005 release of the HP-UX 11i v1 (B.11.11) Operating Environment media refers to a problem that does not exist.

Recommended Actions

Please ignore the section entitled "Problem with Ignite-UX C.6.3 and Virtual Partitions" on page 24.

Occurrence of these issues in Ignite-UX Versions

The following table indicates in which Ignite-UX version the above issues occur:

Issue	C.6.2.x (0505)	C.6.3.x (0509)	C.6.4.x (Limited Release)	C.6.5.x (0512 Media)	C.6.6.x (0601 Web)
LVM Volumes Omitted from Recovery Archives	Yes	Yes	Yes	Yes	No
Slow Network Boot of the 11i v2 (B.11.23) PA-RISC Installation Kernel	No	Yes	Yes	Yes	No
Expert Recovery failure on 11i v2 (B.11.23) Itanium®-based servers	No	Yes	No	No	No
A non-existent problem reported in HP-UX 11i v1 (B.11.11) RBI	No	Yes	No	No	No