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**Créer dépôt**

```
ls -l *.depot |while read i; do package=`echo $i|awk -F"." '{print $1}'`; echo "swcopy -s /var/opt/ignite/depots/patch/java7_Sep08_1131/$i -x enforce_dependencies=FALSE $package @ /var/opt/ignite/depots/patch/java7_Sep08_1131/depot"; done
swreg -l depot /var/opt/ignite/depots/patch/java7_Sep08_1131/depot
```

**/etc/inetd.conf**

```
[root@opign001 - /opt/ignite/bin ] # egrep "tftp|bootp" /etc/inetd.conf
# Before uncommenting the "tftp" entry below, please make sure
# that you have a "tftp" user in /etc/passwd. If you don't
# have one, please consult the tftpd(1M) manual entry for
tftp dgram udp wait root /usr/sbin/tftpd tftpd /opt/ignite /var/opt/ignite
#bootps dgram udp wait root /usr/sbin/bootpd bootpd
bootps dgram udp wait root /opt/ignite/sbin/instl_bootd instl_bootd
instl_boots dgram udp wait root /opt/ignite/sbin/instl_bootd instl_bootd
```

**Clients PA-RISC**

```
[root@opign001 - /var/opt/ignite/recovery/archives ] # tail /etc/opt/ignite/instl_boottab
# 15.1.54.125 # IP address usable by any client
# 15.1.54.126:080009123456:19960116132331 # Entry usable by all (used already)
# 15.1.54.127:::reserve # Reserve this entry once used.
# 15.1.54.138:080009123457:::reserve # Reserve an IP-Addr for specific host

# IGNITE_UX_COPYRIGHT 1993 2002 #
# "(C) Copyright 1993-2002 Hewlett-Packard Development Company, L.P." #
# IGNITE_UX_COPYRIGHT #
192.9.254.186:0x001321D6D05D:20160202104228:reserve
192.9.252.211:0x00306E087EBE:20160202093811:reserve
```

**Clients Itanium**

```
[root@opign001 - /var/opt/ignite/recovery/archives ] # tail /etc/bootptab
#rnsd414-svg:tc=System-IPF-SVG:ip=192.9.253.245:ha=002264E4F480
tpcun038-svg:tc=System-IPF-SVG:ip=192.9.252.160:ha=00306E465F0F

# Physical server
tpcun029-svg:tc=System-IPF-SVG2:ip=192.9.250.101:ha=00127943EDC8

# Clarify servers
opclf001-svg:tc=System-IPF-SVG:ip=192.9.250.103:ha=0025B3B4ACED
opclf002-svg:tc=System-IPF-SVG:ip=192.9.250.104:ha=0025B3B4AE59
```

**Ajouter un client au serveur Ignite**

- A partir du client

```
/opt/ignite/bin/add_new_client -s ignite-server
```

**Restauration d'un client****Démarrer la bécane et booter sur le lan**

Une fois sur le GSP, breaker, et lancer **bo lan install** :

```
[tpcun071] MP:CM> PC -on

PC -on

System will be powered on.

Confirm? (Y/[N]): Y
-> System is being powered on.
-> Command successful.

[tpcun071] MP:CM>
```

```

MP MAIN MENU:

  C0: Console
  VFP: Virtual Front Panel
  CM: Command Menu
  CL: Console Log
  SL: Show Event Logs
  HE: Main Help Menu

  X: Exit Connection
[tpcun071] MP> C0

(Use Ctrl-B to return to MP main menu.)

Main Menu: Enter command or menu >
----- Live Console -----

Firmware Version 45.44

Duplex Console IO Dependent Code (IODC) revision 1
-----
(c) Copyright 1995-2004, Hewlett-Packard Company, All rights reserved
-----

Processor   Speed      State      CoProcessor State  Cache Size
Number                                           State
-----
   0    1000 MHz  Active      Functional      67108864 67108864
   1    1000 MHz  Idle        Functional      67108864 67108864

Central Bus Speed (in MHz) :      200
Available Memory           : 4194304 KB
Good Memory Required       : Not initialized. Defaults to 32 MB.

Primary boot path: 0/1/1/0.0
Alternate boot path: 0/1/1/0.1
Console path: 0/7/1/1.0
Keyboard path: 0/0/4/0.0

Processor is booting from the first available device.

To discontinue, press any key within 10 seconds.

Boot terminated.

----- Main Menu -----

Command      Description
-----
B0ot [PRI|ALT|<path>]  Boot from specified path
P0ath [PRI|ALT] [<path>]  Display or modify a path
SEArch [DIsp|IPL] [<path>]  Search for boot devices

C0nfiguration menu      Displays or sets boot values
I0nformation menu       Displays hardware information
SERvice menu            Displays service commands

DIsply                  Redisplay the current menu
HElp [<menu>|<command>]  Display help for menu or command
RESET                  Restart the system
-----

Main Menu: Enter command or menu > bo lan install

Lancement de l'environnement de recovery

Main Menu: Enter command or menu > bo lan install

Interact with IPL (Y, N, or Cancel)?> n

```

```
Booting...
Boot IO Dependent Code (IODC) revision 4

HARD Booted.

ISL Revision A.00.44 Mar 12, 2003

ISL booting hpux KernelPrompt "Choose an operating system to install that your hardware supports:" 120 1

1. target OS is B.11.11
2. target OS is B.11.23 PA
3. target OS is B.11.31 PA
4. Exit

Choose an operating system to install that your hardware supports:1

Boot

: lan(0/1/2/0;0)/boot/Rel_B.11.11/WINSTALL

12296192 + 2257008 + 2718888 start 0x20c568

alloc_pdc_pages: Relocating PDC from 0xffffffff0c00000 to 0x3e900000.

gate64: sysvec_vaddr = 0xc0002000 for 2 pages
NOTICE: nfs3_link(): File system was registered at index 4.
NOTICE: autofs_link(): File system was registered at index 6.
NOTICE: cacheofs_link(): File system was registered at index 7.
igelan0: INITIALIZING HP PCI 1000Base-T Core at hardware path 0/1/2/0
iether1: INITIALIZING HP AB545-60001 PCI/PCI-X 1000Base-T 4-port 1000B-T Adapter at hardware path 0/4/1/0/4/0
iether2: INITIALIZING HP AB545-60001 PCI/PCI-X 1000Base-T 4-port 1000B-T Adapter at hardware path 0/4/1/0/4/1
iether3: INITIALIZING HP AB545-60001 PCI/PCI-X 1000Base-T 4-port 1000B-T Adapter at hardware path 0/4/1/0/6/0
iether4: INITIALIZING HP AB545-60001 PCI/PCI-X 1000Base-T 4-port 1000B-T Adapter at hardware path 0/4/1/0/6/1

System Console is on the Built-In Serial Interface
Swap device table: (start & size given in 512-byte blocks)

entry 0 - auto-configured on root device; ignored - no room

WARNING: no swap device configured, so dump cannot be defaulted to primary swap.

WARNING: No dump devices are configured. Dump is disabled.

Starting the STREAMS daemons-phase 1

Create STCP device files

Starting the STREAMS daemons-phase 2

$Revision: vmunix: vw: -proj selectors: CUIP80_BL2000_1108 -c 'Vw for CUIP80_BL2000_1108 build' -- cupi80_bl2000_1108 'CUIP80_BL2000_1108' Wed Nov 8 19:24:56 PST 2000 $

Memory Information:

physical page size = 4096 bytes, logical page size = 4096 bytes

Physical: 4192256 Kbytes, lockable: 3193720 Kbytes, available: 3685656 Kbytes

* Preparing to execute init...
===== 02/02/16 05:20:34 EST HP-UX Installation Initialization.
@(#)Ignite-UX Revision C.7.14.274
@(#)ignite/launch (opt) Revision:
/branches/IUX_RA1203/ignite/src@B4460 Last Modified: 2012-02-24
09:31:30 +0530 (Fri, 24 Feb 2012)
* Configuring RAM filesystems...
* Scanning system for IO devices...
WARNING: ioctl: DLKM is not initialized
```

```
* Boot device is: 0/1/2/0
* Setting keyboard language.
```

#### Lancement de l'installation

```
Welcome to Ignite-UX! Use the <tab> key to navigate between fields, and the arrow keys
within fields. Use the <return/enter> key to select an item.
Use the <return/enter> or <space-bar> to pop-up a choices list. If the
menus are not clear, select the "Help" item for more information. Hardware Summary: System Model: 9000/800/rp3440
+-----+-----+
| Disks: 2 ( 136.7GB) | Floppies: 0 | LAN cards: 5 |
| CD/DVDs: 0 | Tapes: 0 | Memory: 4094Mb |
| Graphics Ports: 0 | IO Buses: 7 | CPUs: 2 | | [ H/W Details ]
+-----+-----+
[ Install HP-UX ]
[ Run an Expert Recovery Shell ]
[ Advanced Options ]
[ Reboot ]
[ Help ]
User Interface Options:
[ ] Advanced Installation (recommended for disk and filesystem management)
[ ] No user interface - setup basic networking, use defaults and go
[ * ] Remote graphical interface running on the Ignite-UX server

* Bringing up Network (lan0)
add net default: gateway 192.9.255.254
* Reading configuration information from server...
* NFS mounting clients directory.
* Using client directory: /var/opt/ignite/clients/0x001321D6D05D

Ignite-UX Waiting for installation instructions from server: 192.9.254.116 Icon Name Shown in GUI: tpcun071
Active System Name/IP: tpcun071-svg/192.9.254.186 You may now complete the installation using the "ignite" graphical
interface on the Ignite-UX server (See ignite(1M)). If you are not
already running "/opt/ignite/bin/ignite" on the server, do so now.
No further action is required at this console.
```

#### Suivi de la restore via le serveur ignite

Lancer la commande `ignite`.

The left screenshot shows the Ignite-UX graphical interface. The window title is "Ignite-UX (opign001) (1)". It features a menu with options like "View Install History...", "Boot Client...", "Add New Client for Recovery...", "Run Tutorial/Server Setup...", "Client Status...", "Install Client ->", "Stop Install...", "Create Network Recovery Archive", "Create Tape Recovery Archive", "Move to History...", "Remove Client...", "Refresh Client...", "View Hardware...", "View/Print Manifest...", and "Change Icon Name...". Below the menu is a table of clients:

System Id	State
sig01	aiting
sig02	aiting
sna01	active with errors
sna02	active with errors
tpcun029	complete
tpcun058	complete
tpcun060	aiting
tpcun065	aiting
tpcun071	complete
tpcun072	complete with warnings
tpcun084	complete with warnings
tpcun086	aiting
uranus	Complete

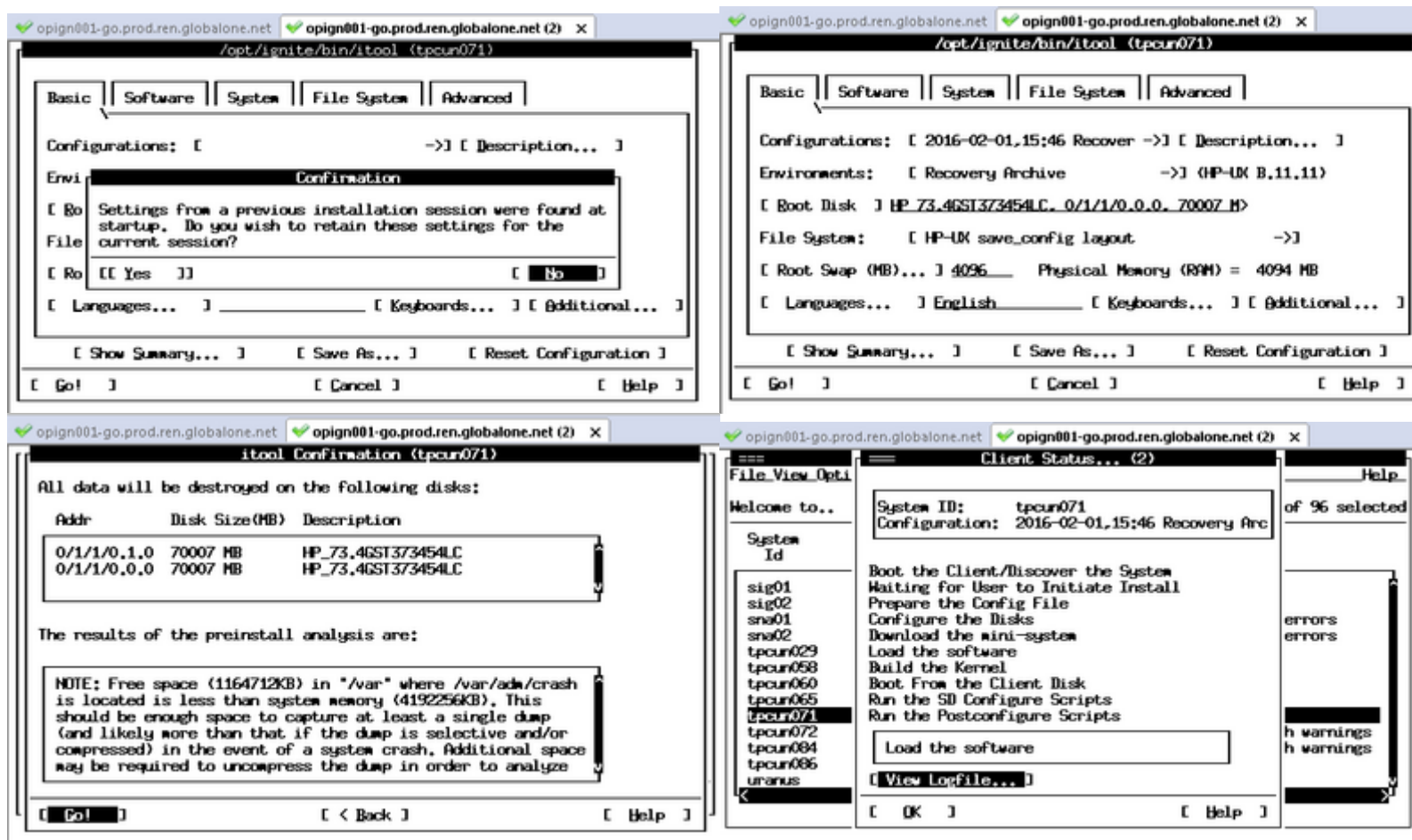
The right screenshot shows the "/opt/ignite/bin/itool (tpcun071)" window. It displays a "System Hardware Inventory" section with a "Hardware Summary" box containing the following information:

```
Hardware Summary: System Model: 9000/800/rp3440
+-----+-----+
| Disks: 2 ( 136.7GB) | Floppies: 0 | LAN cards: 5 |
| CD/DVDs: 0 | Tapes: 0 | Memory: 4094Mb |
| Graphics Ports: 0 | IO Buses: 7 | CPUs: 2 |
+-----+-----+
```

Below the hardware summary is a form for customer information:

```
Customer Name: _____
System Serial #: _____
Order Number: _____
```

At the bottom of the window are buttons for "[ OK ]", "[ Cancel ]", and "[ Help ]".





```
Logfile (3)
Logfile for client tpcun071
/var/opt/ignite/clients/0x001321060050/install.log  [ ] Automatic Scrolling

* Processed 70% of archive
* Processed 80% of archive
* Processed 90% of archive
* Completed 100% of archive
* Tue Feb 02 05:38:57 EST 2016: Completed archive load of the sour
(Recovery Archive).
* Executing user specified script:
  */opt/ignite/data/scripts/os_arch_post_1*.
* Running in recovery mode (os_arch_post_1).
* Running the ioinit command ("/sbin/ioinit -c")
* Creating device files via the insf command.
insf: Installing special files for sdisk instance 0 address 0/1/1/0,0,0
insf: Installing special files for sdisk instance 1 address 0/1/1/0,1,0
insf: Installing special files for pseudo driver d1pi

[ OK ] [ Help ]
```

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