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Créer dépot

```
 ls -1 *.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/lbin/tftpd tftpd /opt/ignite /var/opt/ignite
#bootps      dgram  udp  wait   root /usr/lbin/bootpd   bootpd
bootps dgram udp wait root /opt/ignite/lbin/instl_bootd instl_bootd
instl_boots dgram udp wait root /opt/ignite/lbin/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:

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

          X: Exit Connection
[tpcun071] MP> CO
```

```
(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              Inst    Data
  ---------  --------   ---------------------  -----------------  ------------
      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
     -------                          -----------
     BOot [PRI|ALT|<path>]            Boot from specified path
     PAth [PRI|ALT] [<path>]          Display or modify a path
     SEArch [DIsplay|IPL] [<path>]    Search for boot devices

     COnfiguration menu               Displays or sets boot values
     INformation menu                 Displays hardware information
     SERvice menu                     Displays service commands

     DIsplay                          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 0xfffffff0f0c00000 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: cachefs_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: CUPI80_BL2000_1108 -c 'Vw for CUPI80_BL2000_1108 build' -- cupi80_bl2000_1108 'CUPI80_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@84460 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
```

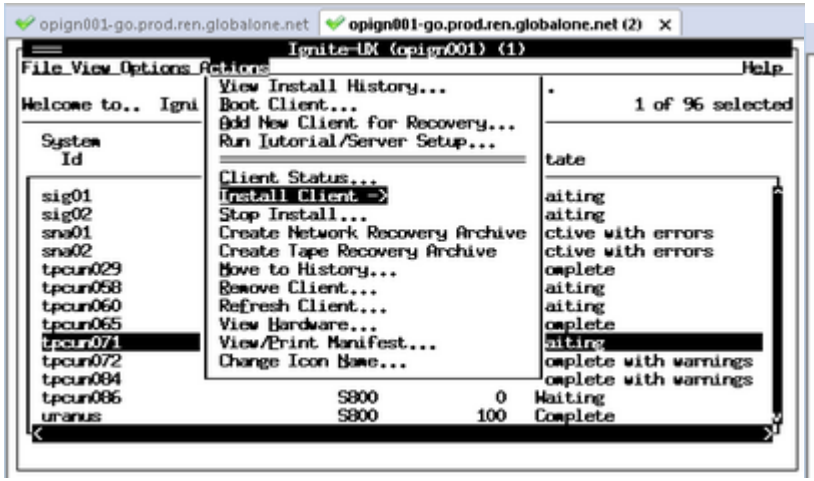
```
      * Boot device is: 0/1/2/0
      * Setting keyboard language.
```

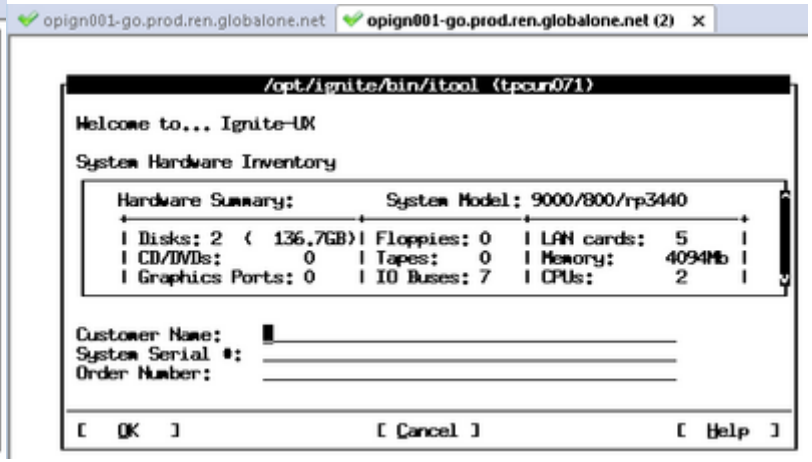
Lancement de l'installation

```
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
  +---------------------+--------------+--------------------+[ Scan Again  ]
  | 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-UXWaiting for installation instructions from server: 192.9.254.116Icon Name Shown in GUI:  tpcun071
  Active System Name/IP:   tpcun071-svg/192.9.254.186You 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.
```

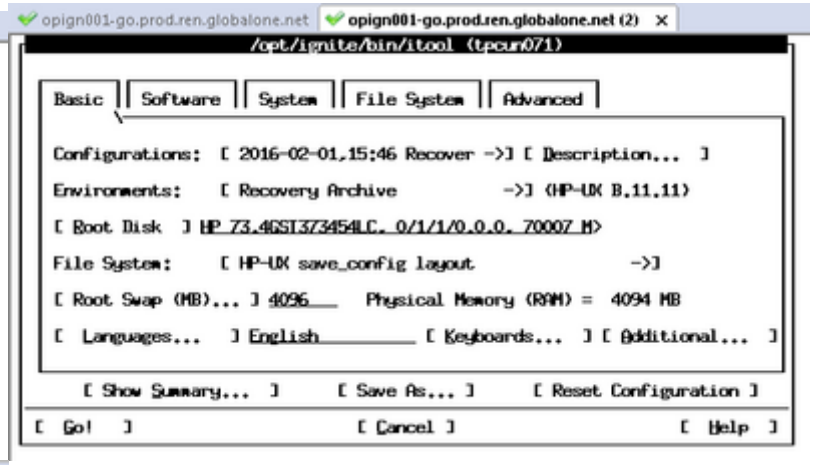
Suivi de la restore via le serveur ignite

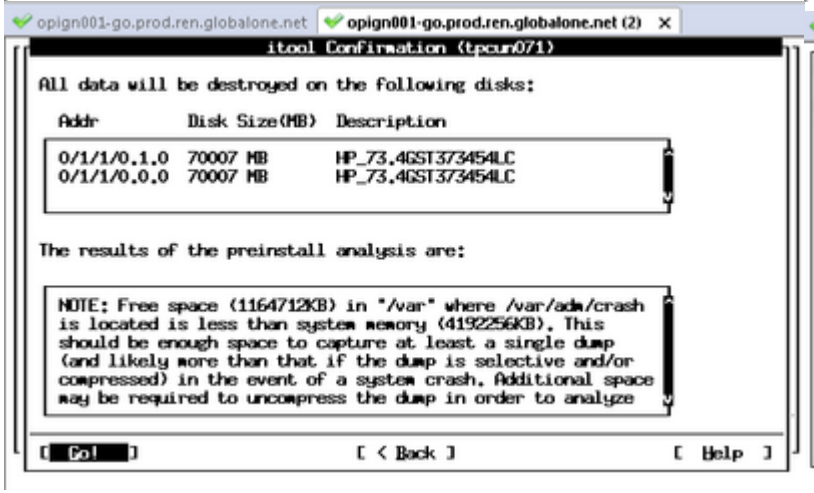
Lancer la commande **ignite**.

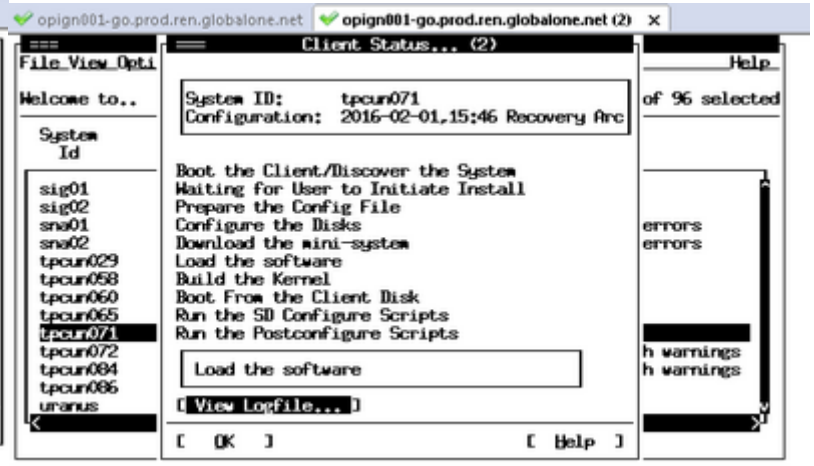




opign001-go.prod.ren.globalone.net
opign001-go.prod.ren.globalone.net (2)
/opt/ignite/bin/itool (tpcun071)
Basic
Software
System
File System
Advanced
Configurations: [->] [Description...]
Confirmation
Settings from a previous installation session were found at startup. Do you wish to retain these settings for the current session?
[[Yes]] [No]
[Languages...] [Keyboards...] [Additional...]
[Show Summary...] [Save As...] [Reset Configuration]
[Go!] [Cancel] [Help]


opign001-go.prod.ren.globalone.net
opign001-go.prod.ren.globalone.net (2)
/opt/ignite/bin/itool (tpcun071)
Basic
Software
System
File System
Advanced
Configurations: [2016-02-01,15:46 Recover ->] [Description...]
Environments: [Recovery Archive ->] (HP-UX B.11.11)
[Root Disk] HP 73.4GST373454LC, 0/1/1/0.0.0, 70007 M>
File System: [HP-UX save_config layout ->]
[Root Swap (MB)...] 4096 Physical Memory (RAM) = 4094 MB
[Languages...] English [Keyboards...] [Additional...]
[Show Summary...] [Save As...] [Reset Configuration]
[Go!] [Cancel] [Help]


opign001-go.prod.ren.globalone.net
opign001-go.prod.ren.globalone.net (2)
itool Confirmation (tpcun071)
All data will be destroyed on the following disks:
Addr Disk Size(MB) Description
0/1/1/0.1.0 70007 MB HP_73.4GST373454LC
0/1/1/0.0.0 70007 MB HP_73.4GST373454LC
The results of the preinstall analysis are:
NOTE: Free space (1164712KB) in "/var" where /var/adm/crash is located is less than system memory (4192256KB). This should be enough space to capture at least a single dump (and likely more than that if the dump is selective and/or compressed) in the event of a system crash. Additional space may be required to uncompress the dump in order to analyze
[Go!] [< Back] [Help]


opign001-go.prod.ren.globalone.net
opign001-go.prod.ren.globalone.net (2)
File View Opti
Welcome to..
System Id
sig01
sig02
sna01
sna02
tpcun029
tpcun058
tpcun060
tpcun065
tpcun071
tpcun072
tpcun084
tpcun086
uranus
Client Status... (2)
System ID: tpcun071
Configuration: 2016-02-01,15:46 Recovery Arc
Boot the Client/Discover the System
Waiting for User to Initiate Install
Prepare the Config File
Configure the Disks
Download the mini-system
Load the software
Build the Kernel
Boot From the Client Disk
Run the SD Configure Scripts
Run the Postconfigure Scripts
Load the software
[View Logfile...]
[OK] [Help]
Help
of 96 selected
errors
errors
h warnings
h warnings

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