Table des matières

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
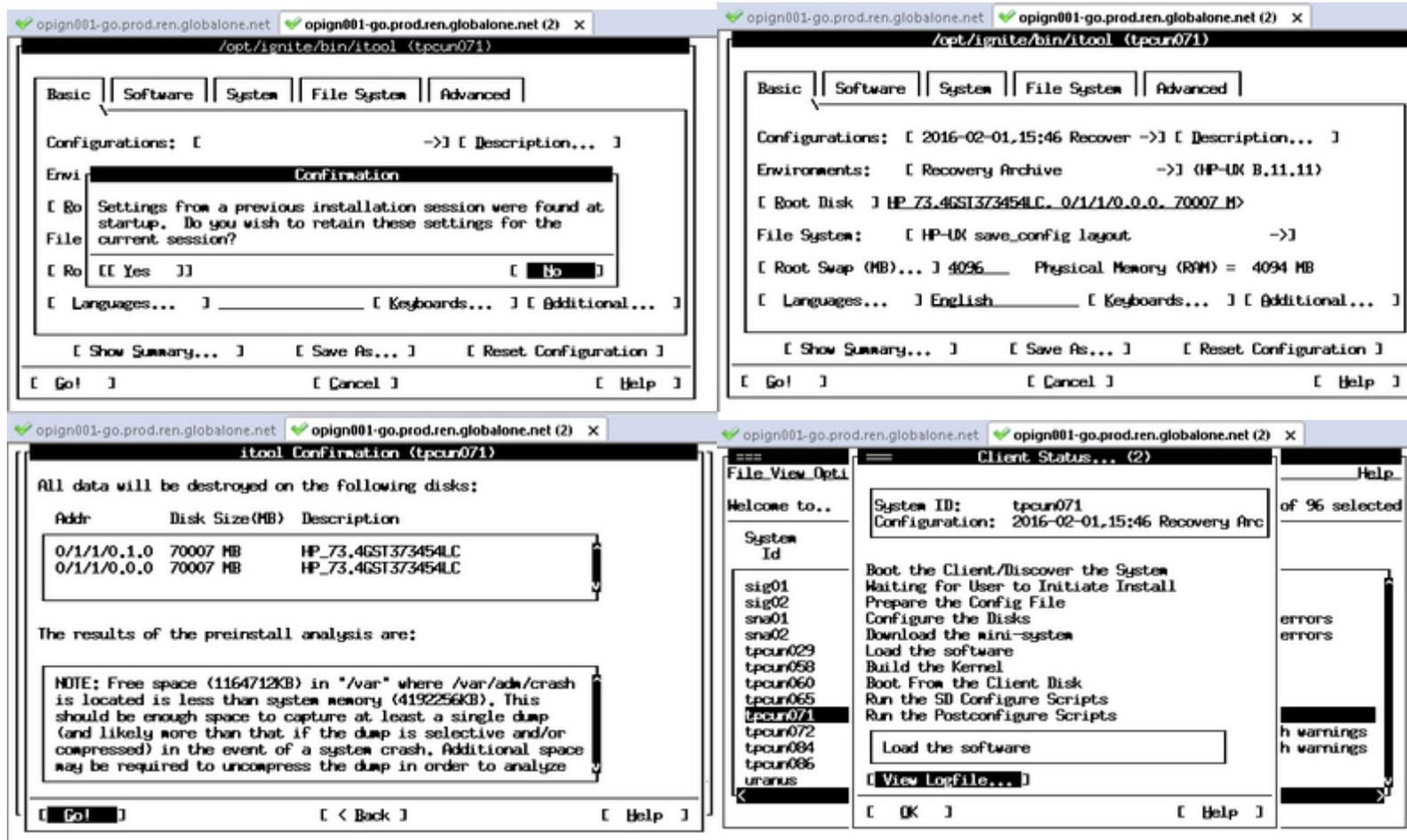
Lancer la commande **ignite**.

opign001-go.prod.ren.globalone.net | opign001-go.prod.ren.globalone.net (2) X

```
                    /opt/ignite/bin/itool  (tpcun071)

   Basic  | Software | System | File System | Advanced

   Configurations: [                            ->] [ Description... ]

   Envi ┌─────────────────── Confirmation ──────────────────────┐
   [ Ro │ Settings from a previous installation session were found at │
   File │ startup.  Do you wish to retain these settings for the     │
        │ current session?                                           │
   [ Ro │  [[ 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) X

```
                    /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) X

```
                    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) X

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