

**Hewlett Packard
Enterprise**



MATINFO

Groupement d'achat de matériel
informatique pour l'enseignement supérieur
et la recherche

HPE ILO ADVANCED

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16 février 2023

AGENDA

- Récapitulatif rapide de la console iLO
- Démarrage avec l'Ilo d'un serveur HPE « Première connexion »
- Actions courantes d'admin de la console ILO
- Actions courantes d'administration du serveur depuis la console ILO



CONSOLE ILO

- Permet d'exécuter des commandes de contrôle à distance
 - Gérer l'alimentation.
 - surveiller l'état de son serveur via les sondes.
- Prendre la main sur une console graphique.
- Configurer des paramètres de Bios
- Faire une installation.
- Faire des mise à jour
- ...



- Support "create account Hpe passport account"first !!
- Hpe site <https://internal.support.hpe.com/hpesc/public/home>

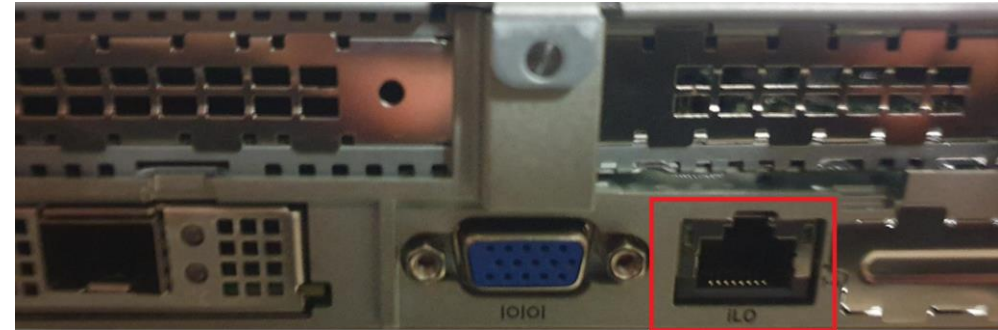
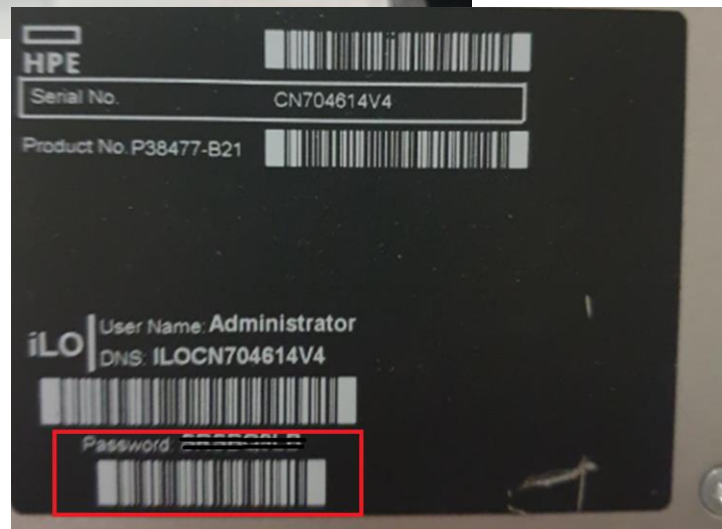
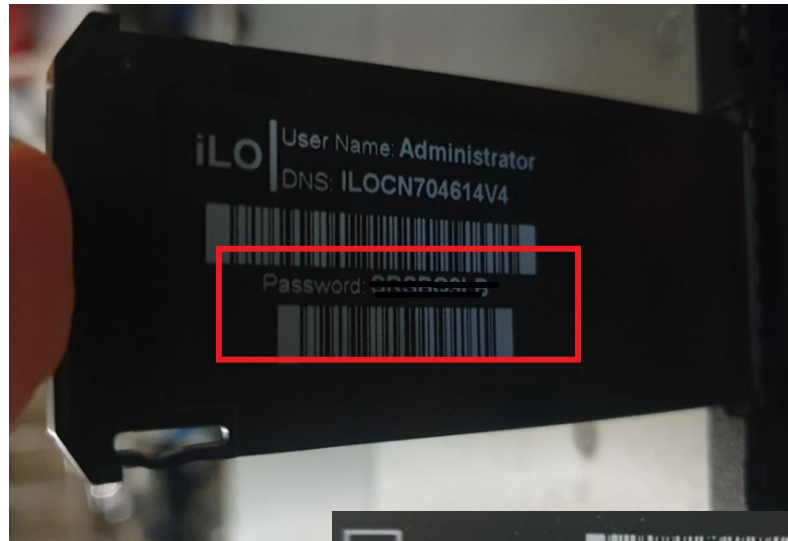


Première connexion

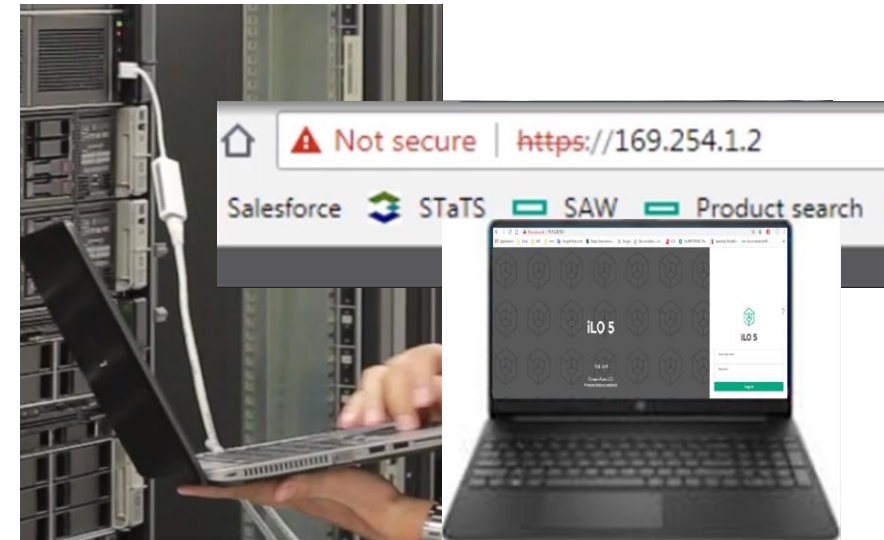
- Récupération des informations
- RBSU
- configuration reseau



Première connexion



Port RJ45




<https://www.youtube.com/watch?v=YYyvYuuVa4M>



Première connexion

HPE ProLiant

**Hewlett Packard
Enterprise**

(C) Copyright 1982-2020 Hewlett Packard Enterprise Development LP
HPE ProLiant DL385 Gen10
System ROM Version: A40 v2.44 (10/29/2020)
Serial Number: 7CE732P3CR

Installed System Memory: 128 GB, Available System Memory: 128 GB

2 Processor(s) detected, 64 total cores enabled, SMT is disabled
Proc 1: AMD EPYC 7601 32-Core Processor
Proc 2: AMD EPYC 7601 32-Core Processor
xGMI Speed: 10.6 GT/s

Workload Profile: General Power Efficient Compute
Power Regulator Mode: OS Control
Advanced Memory Protection Mode: Advanced ECC Support
Boot Mode: UEFI
HPE SmartMemory authenticated in all populated DIMM slots.

Starting required devices. Please wait, this may take a few moments...

iLO 5 IPv4: 10.12.39.151
iLO 5 IPv6: FE80::D6C9:EFFF:FECE:3EE0

F9 System Utilities

F10 Intelligent Provisioning

F11 Boot Menu

F12 Network Boot

☐ Server Configuration Lock

☒ Secure Start

☐ Smart Storage Energy Pack

☐ Smart Array

☒ Dynamic Power Capping

☒ HPE SmartMemory

☒ HPE RESTful API


☒ Intelligent Provisioning

☒ Sea of Sensors 3D

☒ iLO Management Engine


☒ iLO Advanced

☒ Agentless Management






Première connexion



System Configuration


 System Utilities > System Configuration >

HPE ProLiant DL385 Gen10

Server SN: 7CE732P3CR

iLO IPv4: 10.12.39.151
iLO IPv6: FE80::D6C9:FFFF:FECE:3EE0
User Default: OFF

Enter: Select
ESC: Exit
F1: Help
F7: Load Defaults
F10: Save
F12: Save and Exit



<http://www.hpe.com/qref/ProLiantGen10UEFI-Help>

System Configuration

BIOS/Platform Configuration (RBSU) ➔

iLO 5 Configuration Utility ➔

- Embedded RAID 1 : HPE Smart Array E208i-a SR Gen10 ➔
- Embedded LOM 1 Port 1 : HPE Ethernet 1Gb 4-port 331i Adapter - NIC ➔
- Embedded LOM 1 Port 2 : HPE Ethernet 1Gb 4-port 331i Adapter - NIC ➔
- Embedded LOM 1 Port 3 : HPE Ethernet 1Gb 4-port 331i Adapter - NIC ➔
- Embedded LOM 1 Port 4 : HPE Ethernet 1Gb 4-port 331i Adapter - NIC ➔
- Embedded FlexibleLOM 1 Port 1 : HP FlexFabric 10Gb 2-port 533FLR-T Adapter - Multi ➔
- Embedded FlexibleLOM 1 Port 2 : HP FlexFabric 10Gb 2-port 533FLR-T Adapter - Multi ➔

Exit

☐ Changes Pending

☐ Reboot Required

F7: Load Defaults

F10: Save

F12: Save and Exit



Première connexion

System Configuration

System Utilities

System Configuration

iLO 5 Configuration Utility

HPE

ProLiant DL385 Gen10

Server SN: 7CE732P3CR

iLO IPv4: 10.12.39.151

iLO IPv6: FE80::D6C9:EFFF:FECE:3EE0

User Default: OFF

Enter: Select

ESC: Exit

F1: Help

F7: Load Defaults

F10: Save

F12: Save and Exit

<http://www.hpe.com/qref/ProLiantGen10UEFI-Help>

iLO 5 Configuration Utility

Network Options

Advanced Network Options

User Management

Setting Options

Set to factory defaults

Reset iLO

About

NO

NO

Exit

☐ Changes Pending

☐ Reboot Required

F7: Load Defaults

F10: Save

F12: Save and Exit



Première connexion

System Configuration

System Utilities

>

System Configuration

>

iLO 5 Configuration Utility

>

Network Options

>

HPE ProLiant DL385 Gen10

Server SN: 7CE732P3CR

iLO IPv4: 10.12.39.151

iLO IPv6: FE80::D6C9:EFFF:FECE:3EE0

User Default: OFF

Enter: Select

ESC: Exit

F1: Help

F7: Load Defaults

F10: Save

F12: Save and Exit

<http://www.hpe.com/qref/ProLiantGen10UEFI-Help>

Network Options

MAC Address

D4:C9:EF:CE:3E:E0

Network Interface Adapter

ON

Transceiver Speed Autoselect

ON

VLAN Enable

OFF

DHCP Enable

ON

DNS Name

neoamd

IP Address

10.12.39.151

Subnet Mask

255.255.255.0

Gateway IP Address

10.12.39.1

Help:
DHCP Enable

Exit

Changes Pending

Reboot Required

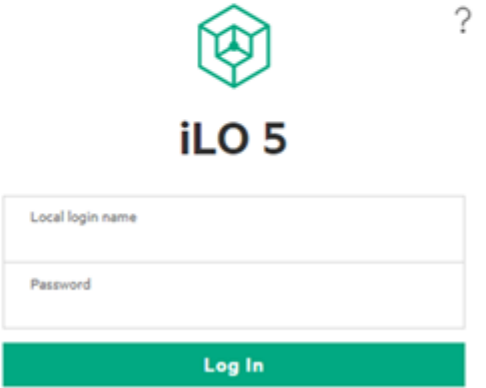
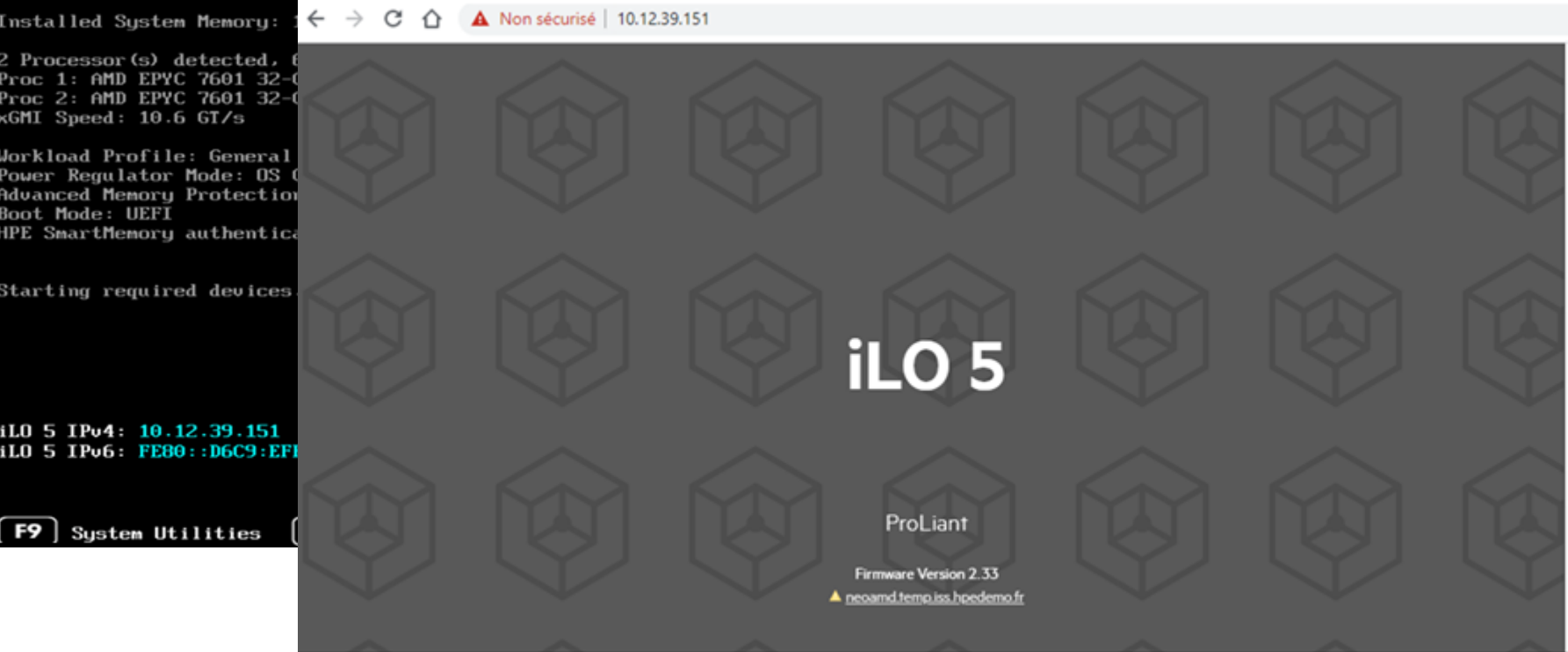
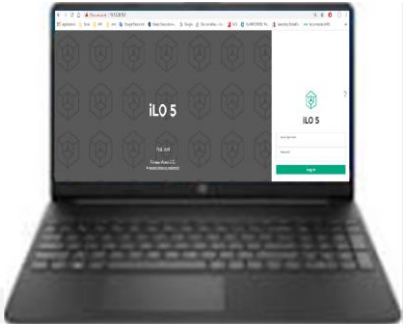
F7: Load Defaults

F10: Save

F12: Save and Exit



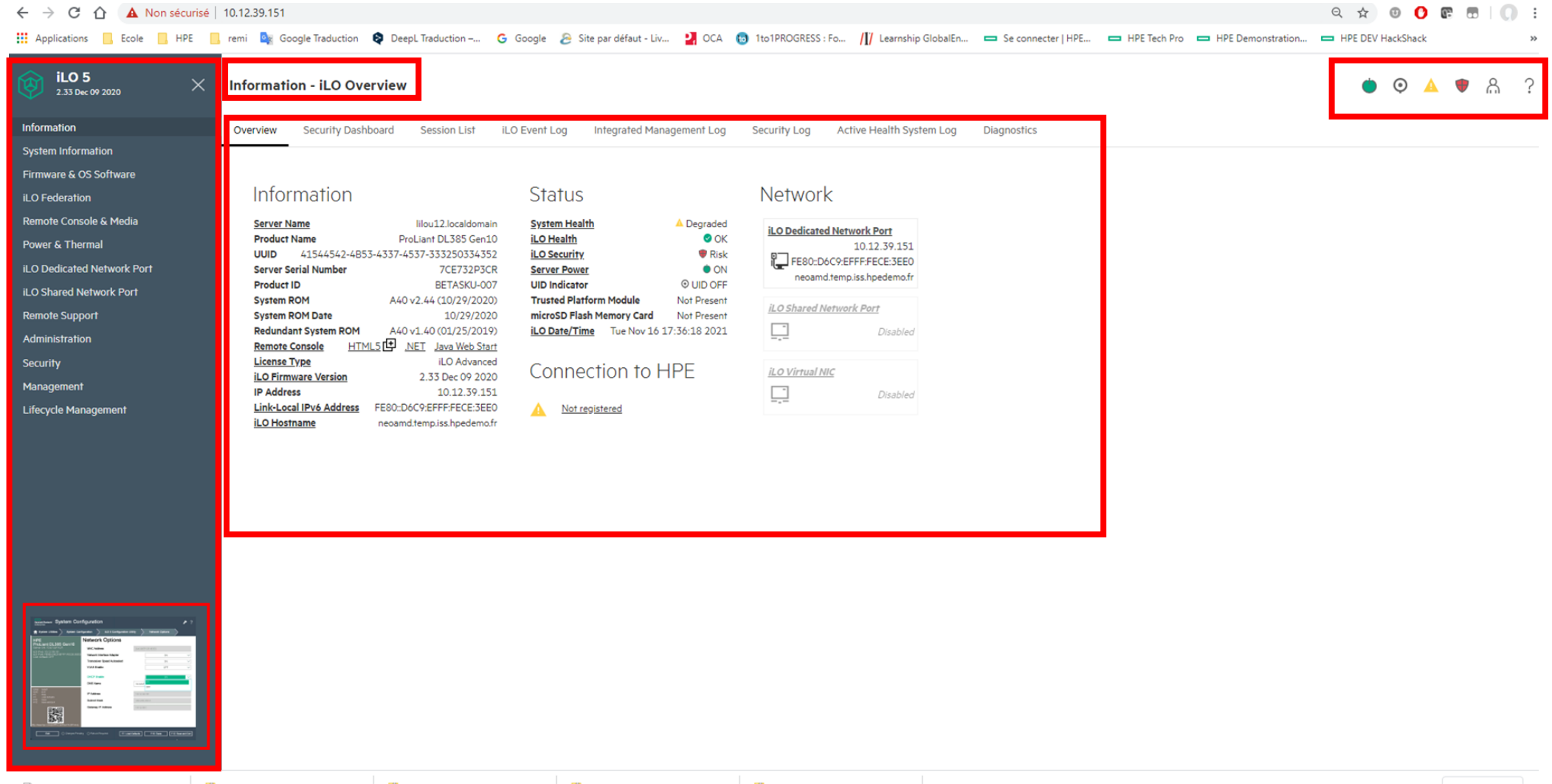
Première connexion



Actions courantes d'admin de la console ILO

- Explication interface
- Connexion à l'Ilo
- Naviguer dans l'interface et explication
- Ensemble de configuration réseau
- Authentification ILo
- Voir le micrologiciel
- Vérifier la licence
- Récupération des journaux





DEMO



Actions courantes d'administration du serveur depuis la console ILO

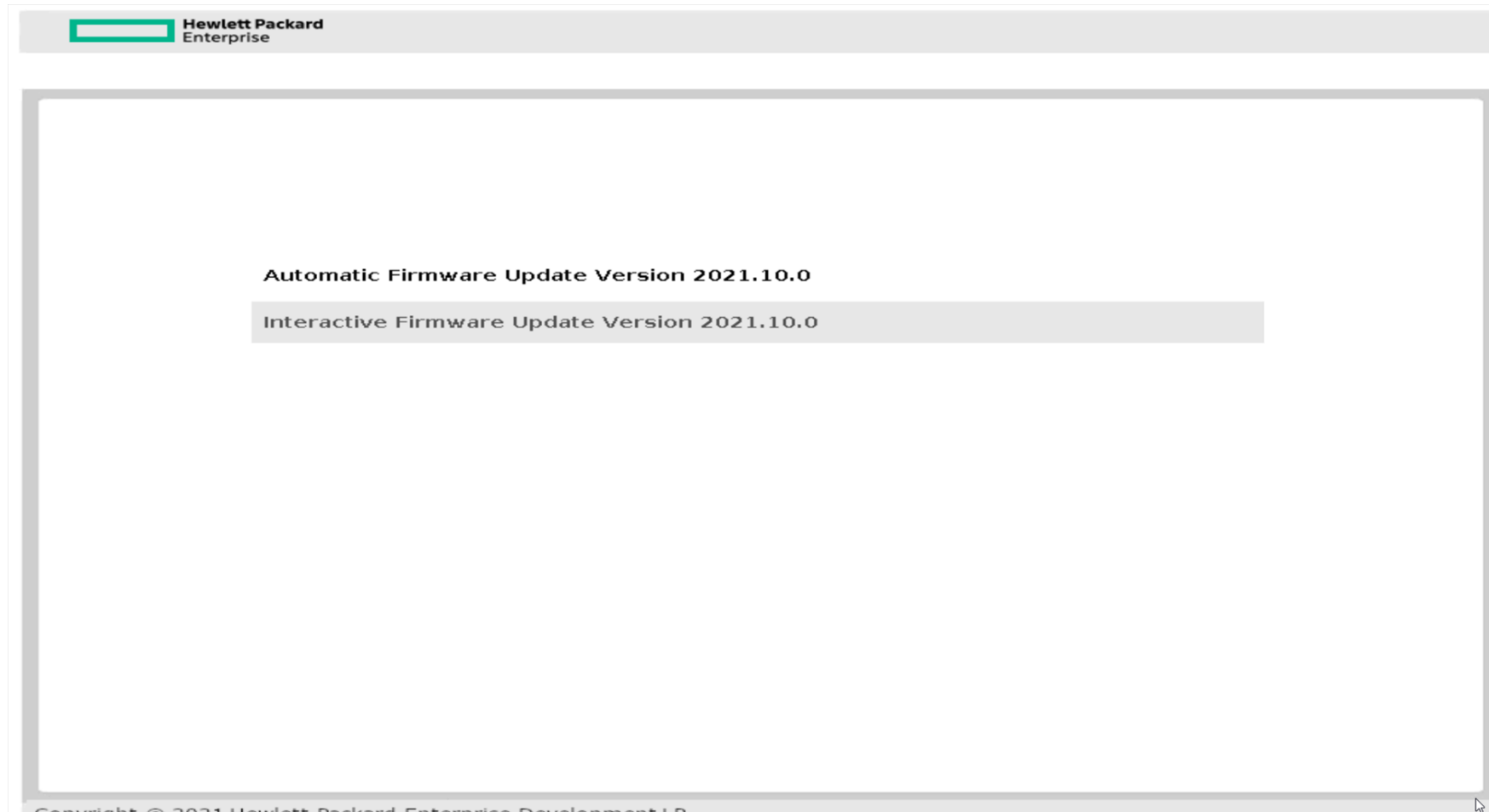
- Ouvrir une console
- Monter un fichier Iso
- Firmware / Driver “SPP bundle”



DEMO



Actions courantes d'administration du serveur depuis la console ILO



Actions courantes d'administration du serveur depuis la console ILO

Mise à jour via SPP

The image displays a series of overlapping screenshots from the HP iLO 5 web interface, illustrating the process of updating server firmware using the Smart Update Manager (SPP).

The main screenshot shows the **Localhost Guided Update** interface. The progress bar indicates **Step 3: Deployment** is in progress. A green arrow points from the **Start Over** button to the **Reboot** button. The **Warnings/Alerts** section is visible at the bottom.

An inset screenshot shows the **Information - iLO Overview** page. A red box highlights the **Firmware Update Completed** message, which includes the instruction: **Reset the host server power. [Server Power](#)**.

Another inset screenshot shows the **Localhost Guided Update** screen with **Step 3: Deployment** highlighted. The **Reboot** button is circled in red.

The background shows the HP iLO 5 interface with the **Smart Update Manager 8.9.0** section. The **Deployment** section shows the progress for **localhost**. The **Warnings/Alerts** section is visible at the bottom.

At the bottom left, there is a logo for **MATINFO** (Groupe d'achat de matériel informatique pour l'enseignement supérieur et la recherche).



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Hewlett Packard
Enterprise

Merci