

# HCL Domino 12.0.1 : Installation Hot Fix et Fix pack

Pour arrêter, démarrer le serveur HCL Domino nous utilisons [les scripts de Daniel NASHED](#).

Les sources décompactées se trouvent dans le répertoire :

- /home/notes

Les installations se trouvent dans les répertoires :

- Programme Domino : /opt/hcl/domino
- Data Domino : /local/notesdata

```
[root@lgn-test-domino-lnx linux64]# cd /home/notes
[root@lgn-test-domino-lnx notes]# ll
total 8
-rw-r--r-- 1 root  root  1013 Nov 30 16:17 adm.json
drwxr-xr-x 3 root  root    21 Dec 10 15:50 Domino12
drwxr-xr-x 3 root  root    21 Jan 11 10:07 Domino1201
drwxr-xr-x 3 root  root    21 Apr 14 09:15 Domino1201FP1
drwxr-xr-x 3 root  root    21 Jan 11 11:33 Domino1201HF14
drwxr-xr-x 3 root  root    21 Mar 11 14:49 Domino1201HF50
drwxr-xr-x 2 notes notes   48 Jan 11 10:34 javasharedresources
drwxr-xr-x 2 root  root   334 Apr 14 09:11 Sources
drwxr-xr-x 6 root  root  4096 Jan 11 16:42 start_script
drwxr-xr-x 2 root  root   121 Jan 25 11:12 Traveler12
drwxr-xr-x 2 root  root   109 Jan 25 11:37 Traveler1201
drwxr-xr-x 2 root  root   109 Jan 25 11:13 Traveler12FP1
[root@lgn-test-domino-lnx notes]#
```

Nous allons traiter plusieurs cas :

1. [Installation du HF14 à partir de HCL Domino 12.0.1](#)
2. [Installation du HF50 à partir de HCL Domino 12.0.1 HF14](#)
3. [Installation du FP1 à partir de HCL Domino 12.0.1 HF50](#)
4. [Installation du FP1 à partir de HCL Domino 12.0.1](#)

# 1 – Installation du HF14 à partir de HCL Domino 12.0.1

Avant de commencer l'installation, nous allons entrer dans le mode console, arrêter le serveur et sortir du mode console :

```
domino console  
QUIT  
close
```

Puis nous allons dans le répertoire où se trouvent les sources décompactées du HF14 puis nous lançons l'installation :

```
cd /home/notes/Domino1201HF14/linux64/  
.install
```

```
=====  
Domino Server Incremental Installer  
=====  
  
Welcome to the HCL Domino Incremental Installer.  
  
The HCL Domino Incremental Installer will update an existing  
installation to a new revision. All installation settings are  
automatically set to be those of the last installation.  
  
Type h for help on how to use this program.  
Press TAB to begin the update.  
  
-----  
Type h for help  
Type e to exit installation  
Press TAB to continue to the next screen.
```

Cliquer sur TAB.

```
=====
Domino Server Incremental Installer
=====
```

In order to proceed with the installation of the Domino Server,  
you must read and agree with the terms and conditions of the  
HCL Domino/Notes Software Agreement.

Press TAB to read the HCL Domino/Notes Software Agreement.

---

Type e to exit the Install program.  
Press ESC to return to the previous screen  
Press TAB to continue to the next screen.

Cliquer sur une touche.

```
Specifications
```

Program's specifications can be found in the collective Description and Technical  
>>> Press any key to continue <<<

Cliquer sur TAB.

```
Press the Escape key to go back to the previous screen  
or  
Press the Tab key to continue...
```

Cliquer sur TAB.

```
=====
Domino Server Incremental Installer
=====
```

You may proceed with the installation only if you agree to the  
terms and conditions of the HCL Domino/Notes Software Agreement.

---

Type e to exit the Install program.  
Press ESC to return to the previous screen.  
Press the Spacebar to change the setting until you get the one you want.  
Press TAB to accept a setting and continue to the next screen.

```
>>> Do you agree to the terms of the license agreement ? [Yes] <<<
```

Cliquer sur TAB.

```
=====
                               Domino Server Incremental Installer
=====

Installation settings:

Program directory      : /opt/hcl/domino
Data directory         : /local/notesdata
UNIX user              : notes
UNIX group             : notes

12000100 upgrade to 1201HF14

Type e or press ESC to exit the install program
or
Press the Tab key to perform the update...
```

Cliquer sur TAB.

```
WARNING: [I
The following system commands were not located:
  rsh
Installation to remote systems will not be possible.

Validating...

Not checking patches for linux.

Installing Domino Server kits ...
Replacing <NOTESPROGDIR>libndgts.so
Replacing <NOTESPROGDIR>libnotes.so.sym
Replacing <NOTESPROGDIR>libnotes.so
The installation completed successfully.

Please be sure to login as the appropriate UNIX user
before running Domino - Do not run as root.

[root@lgn-test-domino-lnx linux64]#
```

Nous allons vérifier que le HF14 soit bien installé sur le serveur HCL Domino, nous allons redémarrer le serveur :

```
sudo domino start live
show server
```

```
sh serv
[031587:000009-00007F7491EC8700] HCL Domino (r) Server (64 Bit) (Release 12.0.1HF14 for Linux/64) 04/20/2022 09:27:28 AM
[031587:000009-00007F7491EC8700] Server name: DOMINO01A/DOMCNX - Domino Server - Verse
[031587:000009-00007F7491EC8700] Domain name: DOMCNX
```

## 2 – Installation du HF50 à partir de HCL Domino 12.0.1 HF14

Avant de commencer l'installation, nous allons entrer dans le mode console, arrêter le serveur et sortir du mode console :

```
domino console  
QUIT  
close
```

Puis nous allons dans le répertoire où se trouvent les sources décompactées du HF50 puis nous lançons l'installation :

```
cd /home/notes/Domino1201HF50/linux64/  
.install
```

```
=====  
Domino Server Incremental Installer  
=====  
  
Welcome to the HCL Domino Incremental Installer.  
  
The HCL Domino Incremental Installer will update an existing  
installation to a new revision. All installation settings are  
automatically set to be those of the last installation.  
  
Type h for help on how to use this program.  
Press TAB to begin the update.  
  
-----  
Type h for help  
Type e to exit installation  
Press TAB to continue to the next screen.
```

Cliquer sur TAB.

```
=====  
Domino Server Incremental Installer  
=====  
  
In order to proceed with the installation of the Domino Server,  
you must read and agree with the terms and conditions of the  
HCL Domino/Notes Software Agreement.  
  
Press TAB to read the HCL Domino/Notes Software Agreement.  
  
-----  
Type e to exit the Install program.  
Press ESC to return to the previous screen  
Press TAB to continue to the next screen.
```

Cliquer sur TAB.

```
Specifications  
  
Program's specifications can be found in the collective Description and Technical  
>>> Press any key to continue <<<
```

Cliquer sur une touche (une ou plusieurs fois).

```
Press the Escape key to go back to the previous screen  
or  
Press the Tab key to continue...
```

Cliquer sur TAB.

```
=====  
Domino Server Incremental Installer  
=====  
  
You may proceed with the installation only if you agree to the  
terms and conditions of the HCL Domino/Notes Software Agreement.  
  
-----  
Type e to exit the Install program.  
Press ESC to return to the previous screen.  
Press the Spacebar to change the setting until you get the one you want.  
Press TAB to accept a setting and continue to the next screen.  
  
->>> Do you agree to the terms of the license agreement ? [Yes] █
```

Cliquer sur TAB.

```
=====  
Domino Server Incremental Installer  
=====  
  
  
This Incremental Installer can only be used with a properly installed  
Domino installation.  
Not valid Domino version was detected:  
    1201HF14  
  
-----  
Type e to exit the Install program.
```

Cliquer sur e pour sortir de l'installation. Pour installer le nouveau HF, il faut dans un premier temps désinstaller l'ancien HF.

Nous allons dans le répertoire où se trouvent les sources décompactées du HF14 puis nous lançons la désinstallation :

```
cd /home/notes/Domino1201HF14/linux64/  
.install
```

```
=====
Domino Server Incremental Installer
=====
```

Welcome to the HCL Domino Incremental Installer.

The HCL Domino Incremental Installer will update an existing installation to a new revision. All installation settings are automatically set to be those of the last installation.

Type h for help on how to use this program.  
Press TAB to begin the update.

---

```
Type h for help
Type e to exit installation
Press TAB to continue to the next screen.
```

Cliquer sur TAB.

```
=====
Domino Server Incremental Installer
=====
```

In order to proceed with the installation of the Domino Server, you must read and agree with the terms and conditions of the HCL Domino/Notes Software Agreement.

Press TAB to read the HCL Domino/Notes Software Agreement.

---

```
Type e to exit the Install program.
Press ESC to return to the previous screen
Press TAB to continue to the next screen.
```

Cliquer sur TAB.

```
Specifications
```

```
Program's specifications can be found in the collective Description and Technical
>>> Press any key to continue <<<
```

Cliquer sur une touche (une ou plusieurs fois).

```
Press the Escape key to go back to the previous screen
or
Press the Tab key to continue...
```

Cliquer sur TAB.

```
=====
Domino Server Incremental Installer
=====
```

You may proceed with the installation only if you agree to the terms and conditions of the HCL Domino/Notes Software Agreement.

---

```
Type e to exit the Install program.  
Press ESC to return to the previous screen.  
Press the Spacebar to change the setting until you get the one you want.  
Press TAB to accept a setting and continue to the next screen.
```

---

```
>>> Do you agree to the terms of the license agreement ? [Yes] █
```

Cliquer sur TAB.

```
=====
Domino Server Incremental Installer
=====
```

A valid Domino installation was detected:  
1201HF14

---

```
Type h for help.  
Type e to exit the Install program.  
Press ESC to return to the previous screen.  
Press the Spacebar to change the setting until you get the one you want.  
Press TAB to accept a setting and continue to the next screen.
```

---

```
>>> Select version to revert to : [12000100] █
```

Cliquer sur TAB.

```
=====
Domino Server Incremental Installer
=====
```

Installation settings:

```
Program directory      : /opt/hcl/domino  
Data directory        : /local/notesdata  
    UNIX user          : notes  
    UNIX group         : notes
```

1201HF14 revert to 12000100

```
Type e or press ESC to exit the install program  
or  
Press the Tab key to perform the update...
```

Cliquer sur TAB.

```
WARNING:  
The following system commands were not located:  
  rsh  
Installation to remote systems will not be possible.  
  
Validating...  
  
Not checking patches for linux.  
  
Installing Domino Server kits ...  
Replacing <NOTESPROGDIR>libndgts.so  
Replacing <NOTESPROGDIR>libnotes.so.sym  
Replacing <NOTESPROGDIR>libnotes.so  
The installation completed successfully.  
  
Please be sure to login as the appropriate UNIX user  
before running Domino - Do not run as root.
```

```
[root@lgn-test-domino-lnx linux64] #
```

Nous allons vérifier que le HF14 soit bien désinstallé sur le serveur HCL Domino, nous allons redémarrer le serveur :

```
sudo domino start live  
show server
```

```
sh serv  
[001683:000009-00007F744F624700] HCL Domino (r) Server (64 Bit) (Release 12.0.1 for Linux/64) 04/20/2022 10:52:16 AM  
[001683:000009-00007F744F624700] Server name: DOMINO01A/DOMCNX - Domino Server - Verse  
[001683:000009-00007F744F624700] Domain name: DOMCNX
```

Avant de continuer l'installation, nous allons entrer dans le mode console, arrêter le serveur et sortir du mode console :

```
domino console  
QUIT  
close
```

Nous retournons dans le répertoire où se trouvent les sources décompactées du HF50 puis nous lançons l'installation :

```
cd /home/notes/Domino1201HF50/linux64/  
../install
```

```
=====
Domino Server Incremental Installer
=====
```

Welcome to the HCL Domino Incremental Installer.

The HCL Domino Incremental Installer will update an existing installation to a new revision. All installation settings are automatically set to be those of the last installation.

Type h for help on how to use this program.  
Press TAB to begin the update.

---

```
Type h for help
Type e to exit installation
Press TAB to continue to the next screen.
```

Cliquer sur TAB.

```
=====
Domino Server Incremental Installer
=====
```

In order to proceed with the installation of the Domino Server, you must read and agree with the terms and conditions of the HCL Domino/Notes Software Agreement.

Press TAB to read the HCL Domino/Notes Software Agreement.

---

```
Type e to exit the Install program.
Press ESC to return to the previous screen
Press TAB to continue to the next screen.
```

Cliquer sur TAB.

```
Specifications
```

```
Program's specifications can be found in the collective Description and Technical
>>> Press any key to continue <<<
```

Cliquer sur une touche (une ou plusieurs fois).

```
Press the Escape key to go back to the previous screen
or
Press the Tab key to continue...
```

Cliquer sur TAB.

```
=====
Domino Server Incremental Installer
=====

You may proceed with the installation only if you agree to the
terms and conditions of the HCL Domino/Notes Software Agreement.

-----
Type e to exit the Install program.
Press ESC to return to the previous screen.
Press the Spacebar to change the setting until you get the one you want.
Press TAB to accept a setting and continue to the next screen.

>>> Do you agree to the terms of the license agreement ? [Yes] █
```

Cliquer sur TAB.

```
=====
Domino Server Incremental Installer
=====

Installation settings:

Program directory      : /opt/hcl/domino
Data directory         : /local/notesdata
UNIX user              : notes
UNIX group             : notes

12000100 upgrade to 1201HF50

Type e or press ESC to exit the install program
or
Press the Tab key to perform the update...
```

Cliquer sur TAB.

```
WARNING: █
The following system commands were not located:
  rsh
Installation to remote systems will not be possible.

Validating...

Not checking patches for linux.

Installing Domino Server kits ...
Replacing <NOTESPROGDIR>libndgts.so
Replacing <NOTESPROGDIR>libnotes.so.sym
Replacing <NOTESPROGDIR>libnotes.so
The installation completed successfully.

Please be sure to login as the appropriate UNIX user
before running Domino - Do not run as root.

[root@lgn-test-domino-lnx linux64]# █
```

Nous allons vérifier que le HF50 soit bien installé sur le serveur HCL Domino, nous allons redémarrer le serveur :

```
sudo domino start live  
show server
```

```
sh serv  
[014080:000009-00007F197A1C8700] HCL Domino (r) Server (64 Bit) (Release 12.0.1HF50 for Linux/64) 20/04/2022 14:28:57  
[014080:000009-00007F197A1C8700] Server name: DOMINO01B/DOMCNX - Domino Server - Verse  
[014080:000009-00007F197A1C8700] Domain name: DOMCNX
```

### 3 – Installation du FP1 à partir de HCL Domino 12.0.1 HF50

Avant de commencer l'installation, nous allons entrer dans le mode console, arrêter le serveur et sortir du mode console :

```
domino console  
QUIT  
close
```

Puis nous allons dans le répertoire où se trouvent les sources décompactées du FP1 puis nous lançons l'installation :

```
cd /home/notes/Domino1201FP1/linux64/domino  
../install
```

```
=====  
Domino Server Incremental Installer  
=====  
  
Welcome to the HCL Domino Incremental Installer.  
  
The HCL Domino Incremental Installer will update an existing  
installation to a new revision. All installation settings are  
automatically set to be those of the last installation.  
  
Type h for help on how to use this program.  
Press TAB to begin the update.  
  
=====  
Type h for help  
Type e to exit installation  
Press TAB to continue to the next screen.
```

Cliquer sur TAB.

=====  
Domino Server Incremental Installer  
=====

In order to proceed with the installation of the Domino Server,  
you must read and agree with the terms and conditions of the  
HCL Domino/Notes Software Agreement.

Press TAB to read the HCL Domino/Notes Software Agreement.

---

Type e to exit the Install program.  
Press ESC to return to the previous screen  
Press TAB to continue to the next screen.

Cliquer sur une touche.

Specifications

Program's specifications can be found in the collective Description and Technical  
>>> Press any key to continue <<<

Cliquer sur TAB.

Press the Escape key to go back to the previous screen  
or  
Press the Tab key to continue...

Cliquer sur TAB.

=====  
Domino Server Incremental Installer  
=====

You may proceed with the installation only if you agree to the  
terms and conditions of the HCL Domino/Notes Software Agreement.

---

Type e to exit the Install program.  
Press ESC to return to the previous screen.  
Press the Spacebar to change the setting until you get the one you want.  
Press TAB to accept a setting and continue to the next screen.

>>> Do you agree to the terms of the license agreement ? [Yes] <<<

Cliquer sur TAB.

```
=====
Domino Server Incremental Installer
=====

This Incremental Installer can only be used with a properly installed
Domino installation.
Not valid Domino version was detected:
 1201HF50

-----
Type e to exit the Install program.
```

Cliquer sur e pour sortir de l'installation. Pour installer le FP, il faut dans un premier temps désinstaller le HF.

Nous allons dans le répertoire où se trouvent les sources décompactées du HF50 puis nous lançons la désinstallation :

```
cd /home/notes/Domino1201HF50/linux64/
./install
```

```
=====
Domino Server Incremental Installer
=====

Welcome to the HCL Domino Incremental Installer.

The HCL Domino Incremental Installer will update an existing
installation to a new revision. All installation settings are
automatically set to be those of the last installation.

Type h for help on how to use this program.
Press TAB to begin the update.

-----
Type h for help
Type e to exit installation
Press TAB to continue to the next screen.
```

Cliquer sur TAB.

=====  
Domino Server Incremental Installer  
=====

In order to proceed with the installation of the Domino Server,  
you must read and agree with the terms and conditions of the  
HCL Domino/Notes Software Agreement.

Press TAB to read the HCL Domino/Notes Software Agreement.

---

Type e to exit the Install program.  
Press ESC to return to the previous screen  
Press TAB to continue to the next screen.

Cliquer sur TAB.

Specifications

Program's specifications can be found in the collective Description and Technical  
>>> Press any key to continue <<<

Cliquer sur une touche (une ou plusieurs fois).

Press the Escape key to go back to the previous screen  
or  
Press the Tab key to continue...

Cliquer sur TAB.

=====  
Domino Server Incremental Installer  
=====

You may proceed with the installation only if you agree to the  
terms and conditions of the HCL Domino/Notes Software Agreement.

---

Type e to exit the Install program.  
Press ESC to return to the previous screen.  
Press the Spacebar to change the setting until you get the one you want.  
Press TAB to accept a setting and continue to the next screen.

>>> Do you agree to the terms of the license agreement ? [Yes] <<<

Cliquer sur TAB.

```
=====
Domino Server Incremental Installer
=====

A valid Domino installation was detected:
1201HF50

=====
Type h for help.
Type e to exit the Install program.
Press ESC to return to the previous screen.
Press the Spacebar to change the setting until you get the one you want.
Press TAB to accept a setting and continue to the next screen.

>>> Select version to revert to : [12000100]
```

Cliquer sur TAB.

```
=====
Domino Server Incremental Installer
=====

Installation settings:

Program directory      : /opt/hcl/domino
Data directory         : /local/notesdata
    UNIX user          : notes
    UNIX group          : notes

1201HF50 revert to 12000100

Type e or press ESC to exit the install program
or
Press the Tab key to perform the update...
```

Cliquer sur TAB.

```
WARNING: [I
The following system commands were not located:
  rsh
Installation to remote systems will not be possible.

Validating...

Not checking patches for linux.

Installing Domino Server kits ...
Replacing <NOTESPROGDIR>libndgts.so
Replacing <NOTESPROGDIR>libnotes.so.sym
Replacing <NOTESPROGDIR>libnotes.so
The installation completed successfully.

Please be sure to login as the appropriate UNIX user
before running Domino - Do not run as root.

[root@lgn-test-domino-lnx linux64]#
```

Nous allons vérifier que le HF50 soit bien désinstallé sur le

serveur HCL Domino, nous allons redémarrer le serveur :

```
sudo domino start live  
show server
```

```
sh serv  
[001683:000009-00007F744F624700] HCL Domino (r) Server (64 Bit) (Release 12.0.1 for Linux/64) 04/20/2022 10:52:16 AM  
[001683:000009-00007F744F624700] Server name: DOMINO01A/DOMCNX - Domino Server - Verse  
[001683:000009-00007F744F624700] Domain name: DOMCNX
```

Avant de continuer l'installation, nous allons entrer dans le mode console, arrêter le serveur et sortir du mode console :

```
domino console  
QUIT  
close
```

Puis nous allons dans le répertoire où se trouvent les sources décompactées du FP1 puis nous lançons l'installation :

```
cd /home/notes/Domino1201FP1/linux64/domino  
../install
```

```
=====  
Domino Server Incremental Installer  
=====  
  
Welcome to the HCL Domino Incremental Installer.  
  
The HCL Domino Incremental Installer will update an existing  
installation to a new revision. All installation settings are  
automatically set to be those of the last installation.  
  
Type h for help on how to use this program.  
Press TAB to begin the update.  
  
-----  
Type h for help  
Type e to exit installation  
Press TAB to continue to the next screen.
```

Cliquer sur TAB.

=====  
Domino Server Incremental Installer  
=====

In order to proceed with the installation of the Domino Server,  
you must read and agree with the terms and conditions of the  
HCL Domino/Notes Software Agreement.

Press TAB to read the HCL Domino/Notes Software Agreement.

Type e to exit the Install program.  
Press ESC to return to the previous screen  
Press TAB to continue to the next screen.

Cliquer sur une touche.

Specifications

Program's specifications can be found in the collective Description and Technical  
>>> Press any key to continue <<<

Cliquer sur TAB.

Press the Escape key to go back to the previous screen  
or  
Press the Tab key to continue...

Cliquer sur TAB.

=====  
Domino Server Incremental Installer  
=====

You may proceed with the installation only if you agree to the  
terms and conditions of the HCL Domino/Notes Software Agreement.

Type e to exit the Install program.  
Press ESC to return to the previous screen.  
Press the Spacebar to change the setting until you get the one you want.  
Press TAB to accept a setting and continue to the next screen.

>>> Do you agree to the terms of the license agreement ? [Yes] <<<

Cliquer sur TAB.

```
=====
                         Domino Server Incremental Installer
=====

Installation settings:

Program directory      : /opt/hcl/domino
Data directory         : /local/notesdata
UNIX user              : notes
UNIX group             : notes

12000100 upgrade to 1201FP1

Type e or press ESC to exit the install program
or
Press the Tab key to perform the update...
```

Cliquer sur TAB.

```
WARNING:
The following system commands were not located:
  rsh
Installation to remote systems will not be possible.

Validating...

Not checking patches for linux.

Installing Domino Server kits ...
Replacing <NOTESPROGDIR>libsslplus.so
Replacing <NOTESPROGDIR>daosmgr
Replacing <NOTESPROGDIR>updall
Replacing <NOTESPROGDIR>update
Replacing <NOTESPROGDIR>adminp
Replacing <NOTESPROGDIR>dconsole.jar
Replacing <NOTESPROGDIR>notices.txt
Replacing <NOTESPROGDIR>libcrypto-domino.so.1.1
Replacing <NOTESPROGDIR>tika-server.jar
Replacing <NOTESPROGDIR>libjnotes.so
Replacing <NOTESDATADIR>dconsole.jar
Replacing <NOTESDATADIR>comparedbs.ntf
Replacing <NOTESPROGDIR>log4jTika.xml
Replacing <NOTESPROGDIR>libhttpstack.so
Replacing <NOTESPROGDIR>memcheck
Replacing <NOTESPROGDIR>libndgts.so
Replacing <NOTESDATADIR>Forms9.nsf
Replacing <NOTESPROGDIR>dirsync
Replacing <NOTESPROGDIR>libnotes.so
Replacing <NOTESPROGDIR>libinotes.so
Replacing <NOTESPROGDIR>router
Replacing <NOTESPROGDIR>libtlupdat.so
Replacing <NOTESPROGDIR>liblsxbe.so
Replacing <NOTESPROGDIR>libprobes.so
Replacing <NOTESPROGDIR>nsd.sh
Replacing <NOTESDATADIR>dwabho.dll
Replacing <NOTESDATADIR>dwa9W.cab
Replacing <NOTESPROGDIR>event
The installation completed successfully.

Please be sure to login as the appropriate UNIX user
before running Domino - Do not run as root.
```

```
[root@lgn-test-domino-lnx domino]#
```

Nous allons vérifier que le FP1 soit bien installé sur le

serveur HCL Domino, nous allons redémarrer le serveur :

```
sudo domino start live  
show server
```

```
sh serv  
[018616:000009-00007F838C0C8700] HCL Domino (r) Server (64 Bit) (Release 12.0.1FP1 for Linux/64) 04/20/2022 02:21:20 PM  
[018616:000009-00007F838C0C8700] Server name: DOMINO01A/DOMCNX - Domino Server - Verse  
[018616:000009-00007F838C0C8700] Domain name: DOMCNX
```

## 4 – Installation du HF50 à partir de HCL Domino 12.0.1

Avant de commencer l'installation, nous allons entrer dans le mode console, arrêter le serveur et sortir du mode console :

```
domino console  
QUIT  
close
```

Puis nous allons dans le répertoire où se trouvent les sources décompactées du FP1 puis nous lançons l'installation :

```
cd /home/notes/Domino1201FP1/linux64/domino  
../install
```

```
=====  
Domino Server Incremental Installer  
=====  
  
Welcome to the HCL Domino Incremental Installer.  
  
The HCL Domino Incremental Installer will update an existing  
installation to a new revision. All installation settings are  
automatically set to be those of the last installation.  
  
Type h for help on how to use this program.  
Press TAB to begin the update.  
  
-----  
Type h for help  
Type e to exit installation  
Press TAB to continue to the next screen.
```

Cliquer sur TAB.

```
=====
Domino Server Incremental Installer
=====
```

In order to proceed with the installation of the Domino Server,  
you must read and agree with the terms and conditions of the  
HCL Domino/Notes Software Agreement.

Press TAB to read the HCL Domino/Notes Software Agreement.

---

Type e to exit the Install program.  
Press ESC to return to the previous screen  
Press TAB to continue to the next screen.

Cliquer sur une touche.

```
Specifications
```

Program's specifications can be found in the collective Description and Technical  
>>> Press any key to continue <<<

Cliquer sur TAB.

```
Press the Escape key to go back to the previous screen  
or  
Press the Tab key to continue...
```

Cliquer sur TAB.

```
=====
Domino Server Incremental Installer
=====
```

You may proceed with the installation only if you agree to the  
terms and conditions of the HCL Domino/Notes Software Agreement.

---

Type e to exit the Install program.  
Press ESC to return to the previous screen.  
Press the Spacebar to change the setting until you get the one you want.  
Press TAB to accept a setting and continue to the next screen.

```
>>> Do you agree to the terms of the license agreement ? [Yes] <<<
```

Cliquer sur TAB.

```
=====
                         Domino Server Incremental Installer
=====

Installation settings:

Program directory      : /opt/hcl/domino
Data directory         : /local/notesdata
UNIX user              : notes
UNIX group             : notes

12000100 upgrade to 1201FP1

Type e or press ESC to exit the install program
or
Press the Tab key to perform the update...
```

Cliquer sur TAB.

```
WARNING:
The following system commands were not located:
  rsh
Installation to remote systems will not be possible.

Validating...

Not checking patches for linux.

Installing Domino Server kits ...
Replacing <NOTESPROGDIR>libsslplus.so
Replacing <NOTESPROGDIR>daosmgr
Replacing <NOTESPROGDIR>updall
Replacing <NOTESPROGDIR>update
Replacing <NOTESPROGDIR>adminp
Replacing <NOTESPROGDIR>dconsole.jar
Replacing <NOTESPROGDIR>notices.txt
Replacing <NOTESPROGDIR>libcrypto-domino.so.1.1
Replacing <NOTESPROGDIR>tika-server.jar
Replacing <NOTESPROGDIR>libjnotes.so
Replacing <NOTESDATADIR>dconsole.jar
Replacing <NOTESDATADIR>comparedbs.ntf
Replacing <NOTESPROGDIR>log4jTika.xml
Replacing <NOTESPROGDIR>libhttpstack.so
Replacing <NOTESPROGDIR>memcheck
Replacing <NOTESPROGDIR>libndgts.so
Replacing <NOTESDATADIR>Forms9.nsf
Replacing <NOTESPROGDIR>dirsync
Replacing <NOTESPROGDIR>libnotes.so
Replacing <NOTESPROGDIR>libinotes.so
Replacing <NOTESPROGDIR>router
Replacing <NOTESPROGDIR>libtlupdat.so
Replacing <NOTESPROGDIR>liblsxbe.so
Replacing <NOTESPROGDIR>libprobes.so
Replacing <NOTESPROGDIR>nsd.sh
Replacing <NOTESDATADIR>dwabho.dll
Replacing <NOTESDATADIR>dwa9W.cab
Replacing <NOTESPROGDIR>event
The installation completed successfully.

Please be sure to login as the appropriate UNIX user
before running Domino - Do not run as root.
```

```
[root@lgn-test-domino-lnx domino]#
```

Nous allons vérifier que le FP1 soit bien installé sur le

serveur HCL Domino, nous allons redémarrer le serveur :

```
sudo domino start live  
show server
```

```
sh serv  
[018616:000009-00007F838C0C8700] HCL Domino (r) Server (64 Bit) (Release 12.0.1FP1 for Linux/64) 04/20/2022 02:21:20 PM  
[018616:000009-00007F838C0C8700] Server name: DOMINO01A/DOMCNX - Domino Server - Verse  
[018616:000009-00007F838C0C8700] Domain name: DOMCNX
```

---

# Configuration de Rocky Linux 9.x pour Domino 12 – Domino 14

## Prérequis Linux :

[Rocky Linux 9.x](#)

Mise à jour du système :

```
dnf check-update  
dnf update
```

Installation de « epel-release » :

```
dnf install epel-release
```

Installation de vim (vi amélioré), unzip, wget et net-tools :

```
dnf install vim unzip wget bind-utils net-tools tar sysstat  
ncdu policycoreutils-python-utils
```

Mise à jour du hostname :

```
vim /etc/hostname
```

Mise à jour du fichier hosts :

```
vim /etc/hosts
```

Pour Domino 12

Mise à jour SELINUX

- SELINUX=disabled

```
vim /etc/sysconfig/selinux
```

```
# This file controls the state of SELinux on the system.  
# SELINUX= can take one of these three values:  
#       enforcing - SELinux security policy is enforced.  
#       permissive - SELinux prints warnings instead of enforcing.  
#       disabled - No SELinux policy is loaded.  
SELINUX=disabled  
# SELINUXTYPE= can take one of these three values:  
#       targeted - Targeted processes are protected,  
#       minimum - Modification of targeted policy. Only selected processes are protected.  
#       mls - Multi Level Security protection.  
SELINUXTYPE=targeted
```

puis taper la commande

```
setenforce 0
```

Pour configurer l'heure à celle de Paris :

```
timedatectl set-timezone Europe/Paris
```

## Prérequis Domino:

Pour Domino 12

Installation de perl et librairie pour snmp :

```
dnf install perl glibc.i686 gdb
```

Pour Domino 14

Installation de perl et librairie pour snmp :

```
dnf install gdb perl-libs
```

Ajout de l'utilisateur « notes » et du groupe « notes »

```
useradd notes -U -m
```

Pour Domino 12

Ajout du paramètre « DOMINO\_LINUX\_SET\_PARMS »

```
export DOMINO_LINUX_SET_PARMS=1
echo -e "\nexport DOMINO_LINUX_SET_PARMS=1" >>
/home/notes/.bashrc
vim /home/notes/.bashrc
```

Security limits

Mettre à jour le fichier Security/limits en ajoutant ou modifiant les deux lignes suivantes :

- notes soft nofile 80000
- notes hard nofile 80000

```
vim /etc/security/limits.conf
```

## Mise à jour du firewall

```
firewall-cmd --zone=public --permanent --add-service=http
firewall-cmd --zone=public --permanent --add-service=https
firewall-cmd --zone=public --permanent --add-service=ldap
firewall-cmd --zone=public --permanent --add-service=ldaps
firewall-cmd --zone=public --permanent --add-service=smtp
firewall-cmd --zone=public --permanent --add-service=smtps
firewall-cmd --zone=public --permanent --add-port 1352/tcp
firewall-cmd --zone=public --permanent --add-port 2050/tcp
firewall-cmd --zone=public --permanent --add-port 8585/tcp
firewall-cmd --reload
firewall-cmd --list-all
```

Vous pouvez ajouter ou supprimer des services et ports au niveau du firewall selon votre architecture Domino.

---

# HCL Domino 12 : Configuration du service Domino

Comment modifier le démarrage d'un serveur Domino? Telle était mon interrogation quand j'ai lancé mon serveur Domino sans sélectionner le mode de démarrage suivant : Démarrage en tant que service Windows.

On pourrait envisager de refaire l'installation du serveur Domino mais il y a un autre solution, beaucoup plus simple et plus rapide. Comme pour HCL Connections, il existe un exécutable qui permet de créer le service Windows.

Il est présent au moins depuis la version 8.x de Domino. Ce fichier se trouve dans le répertoire `Domino_Program` :

## **ntsvinst.exe**

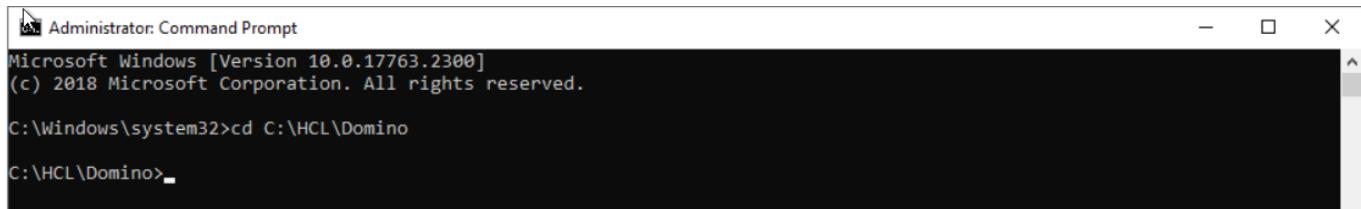
Dans notre cas le répertoire **Domino\_Program** sera :

C:\HCL\Domino

Voici les paramètres :

- **-c** : crée le service Domino
- **-d** : supprime le service Domino
- **-t"Nom du service"** : définit le nom du service Domino »
- **-i"Chemindunotes.ini"** : définit le chemin complet du fichier notes.ini

Pour utiliser cette commande, ouvrez une fenêtre de commande en mode administrateur, se déplacer dans le répertoire **C:\HCL\Domino** :



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.17763.2300]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Windows\system32>cd C:\HCL\Domino
C:\HCL\Domino>
```

Pour créer le service Domino, taper la commande :

**ntsvinst.exe -c -t"Nom du service" -i"Chemindunotes.ini"**

Dans notre cas :

```
ntsvinst.exe -c -t"HCL Domino Server" -i"C:\HCL\Domino\notes.ini"
```

Pour supprimer le service Domino, taper la commande :

**ntsvinst.exe -d -t"Nom du service"**

Dans notre cas :

```
ntsvinst.exe -d -t"HCL Domino Server"
```

---

# HCL Domino 12 – ODS 55

## Structure ODS (On-Disk Structure) de Domino

La sortie de HCL Domino 12 a introduit une nouvelle version ODS (On Disk Structure) pour les bases de données. Cette nouvelle version est nommée ODS 55. Cette structure représente le format de fichier d'une base de données, en l'occurrence la structure de la base NSF(1).

Chaque nouvelle version de HCL Domino peut proposer une nouvelle version qui s'accompagne d'améliorations spécifiques à ces bases de données non accessibles avec les anciennes versions ODS.

Voici le tableau qui indique la versions ODS par défaut, la nouvelle version ODS et le paramètre à activer dans le fichier notes.ini à partir de HCL Domino 9.

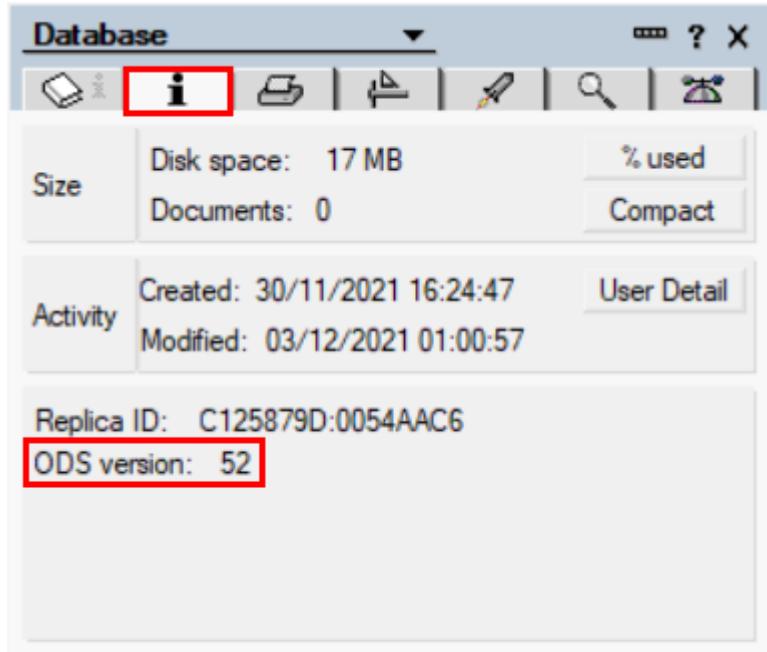
Edition Notes/Domino	Système ODS par défaut	Nouveau système ODS	Paramètre notes.ini à ajouter
9	43	52	Create_R9_Databases=1
10	52	53	Create_R10_Databases=1
11	52	Aucun	Non applicable
12	52	55	Create_R12_Databases=1

Comme nous pouvons le voir dans ce tableau, si on n'utilise pas de paramètre **Create\_Rx\_Databases=1**, les bases NSF sont créées avec la version ODS par défaut. Elles peuvent être mises à niveau en les compactant à l'aide d'une optimisation

par copie.

```
load compact -c base.nsf
```

Nous pouvons visualiser la version ODS d'une base nsf en cliquant sur l'onglet i de la boite des propriétés de la base.



Nous pouvons aussi afficher les versions ODS de plusieurs bases dans la colonne Format de l'onglet Fichier du client d'administration Domino.

Server: DOMINO01A/DOMCNX  
Release 12.0 on Linux 3.10.0-1160.45.1.el7.x86\_64 #1 SMP Wed Oct 13

	Title	Filename	Physical Path	File Format
aut	Administration Request: admin4.nsf	/local/notesdata/admin4.nsf	/local/notesdata/admin	R12 (55:0)
etc	Java AgentRunner	agentrunner.nsf	/local/notesdata/AgentRunner.nsf	R5 (41:0)
gthrhome	Local free time info	busystime.nsf	/local/notesdata/busytime.nsf	R12 (55:0)
help	Catalog (12)	catalog.nsf	/local/notesdata/catalog.nsf	R12 (55:0)
iNotes	DOMCNX's Certification	certlog.nsf	/local/notesdata/certlog.nsf	R9 (52:0)
IBM_CredStore	CPP FreeBusy WebServ	cppfbws.nsf	/local/notesdata/cppfbws.nsf	R9 (52:0)
mail	cppfbws	cppfbws.ntf	/local/notesdata/cppfbws.ntf	R6 (43:0)
nsd.notes	daosnap	daosnap.ntf	/local/notesdata/DAO.snap.ntf	R10 (53:0)
panagenda	Domino Domain Monitor	ddm.nsf	/local/notesdata/ddm.nsf	R12 (55:0)
Properties	Entitlement Tracking (1)	entitlements.nsf	/local/notesdata/entitlements.nsf	R12 (55:0)
mmeval	Monitoring Configuration	events4.nsf	/local/notesdata/events4.nsf	R12 (55:0)
W32	Homepage (11.0)	homepage.nsf	/local/notesdata/homepage.nsf	R9 (52:0)
xmsschemas	HCL Notes/Domino Fau	Indfr.nsf	/local/notesdata/Indfr.nsf	R9 (52:0)
xsp	HCL Notes/Domino Sm	Indstr.nsf	/local/notesdata/Indstr.nsf	R9 (52:0)
Catalog (12)	Notes Log (12) ()	log.nsf	/local/notesdata/log.nsf	R9 (52:0)
	DOMCNX's Directory	names.nsf	/local/notesdata/names.nsf	R9 (52:0)
	Sample Web Agent - Re	pwdresetsample.nsf	/local/notesdata/PwdResetSample.nsf	R6 (43:0)
	Reports for DOMINO01	reports.nsf	/local/notesdata/reports.nsf	R9 (52:0)
	Domino LDAP Schema	schema.nsf	/local/notesdata/schema.nsf	R12 (55:0)
	DOMINO01A Stats/DOM	statmail.nsf	/local/notesdata/statmail.nsf	R12 (55:0)
	Monitoring Results	statrep.nsf	/local/notesdata/statrep.nsf	R12 (55:0)

## Améliorations introduites avec la structure ODS 55 dans Domino 12

Cette nouvelle structure apporte trois nouvelles améliorations :

Pour ces améliorations, il faut que la structure ODS soit en 55.

- **Augmentation des entrées LCA.**

Passage de 950 à 65535. Pour bénéficier de cette augmentation, il suffit d'ajouter dans le notes.ini des serveurs et clients la valeur suivante :

```
NSF_ENABLE_LARGE_ACL=1
```

Pour revenir en arrière, supprimer suffisamment d'entrées LCA pour revenir à une taille de 32 Ko puis lancer la commande **compact -r**

- **Augmentation de la taille des champs de type *summary*.**

Elle passe de 64 Ko à 16 Mo. Pour activer cette fonctionnalité, taper la commande suivante :

```
load compact -c -LargeSummary on base.nsf
```

- **Augmentation de la taille des champs de type *non-summary*.**

Chaque champs peut avoir une taille maximum de 1 Go avec un document maximum de 4 Go

1 – NSF : Notes Storage Facility est le nom du format des bases de données pris en charge par HCL Notes/Domino.