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MongoDB



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M001: MongoDB Basics

on May 25, 2022

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Mark Porter
CTO
MongoDB,
Inc.



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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:                                     █
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: [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 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: [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 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:
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 1201F1
```

```
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 <NOTESPORGDIR>libsslplus.so
Replacing <NOTESPORGDIR>daosmgr
Replacing <NOTESPORGDIR>updall
Replacing <NOTESPORGDIR>update
Replacing <NOTESPORGDIR>adminp
Replacing <NOTESPORGDIR>dconsole.jar
Replacing <NOTESPORGDIR>notices.txt
Replacing <NOTESPORGDIR>libcrypto-domino.so.1.1
Replacing <NOTESPORGDIR>tika-server.jar
Replacing <NOTESPORGDIR>libjnotes.so
Replacing <NOTESDATADIR>dconsole.jar
Replacing <NOTESDATADIR>comparedbs.ntf
Replacing <NOTESPORGDIR>log4jTika.xml
Replacing <NOTESPORGDIR>libhttpstack.so
Replacing <NOTESPORGDIR>memcheck
Replacing <NOTESPORGDIR>libndgts.so
Replacing <NOTESDATADIR>Forms9.nsf
Replacing <NOTESPORGDIR>dirsync
Replacing <NOTESPORGDIR>libnotes.so
Replacing <NOTESPORGDIR>libinotes.so
Replacing <NOTESPORGDIR>router
Replacing <NOTESPORGDIR>libtlupdat.so
Replacing <NOTESPORGDIR>liblxsxbe.so
Replacing <NOTESPORGDIR>libprobes.so
Replacing <NOTESPORGDIR>nsd.sh
Replacing <NOTESDATADIR>dwabho.dll
Replacing <NOTESDATADIR>dwa9W.cab
Replacing <NOTESPORGDIR>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>daosmgrp
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

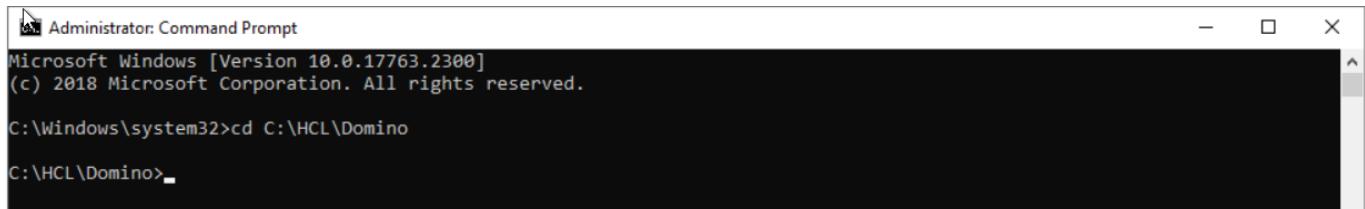
Dans notre cas le répertoire Domino_Program sera :

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 Connections : Installation Ifix en mode interactif

Pour installer un Ifix sur un environnement HCL Connections, il faut récupérer le fichier Ifix puis le copier dans le répertoire de mise à jour et d'exécuter la commande de mise à jour.

Récupération et copie du fichier :

Dans notre cas, le répertoire pour copier le fichier Ifix sera : **S:\HCL\Connections\updateInstaller\fixes**

Nous utiliserons les répertoires suivants :

- S:\HCL\WebSphere
- S:\HCL\Connections

Lancement de la mise à jour :

- Arrêter HCL Connections Application
- Ouvrir une fenêtre de commande Windows en mode administrateur
- Exécuter les commandes suivantes

```
S:  
cd S:\HCL\WebSphere\Profiles\dmgr01\bin  
setupCmdLine.bat  
cd S:\HCL\Connections\updateInstaller  
updateWizard.bat
```

- Cliquer sur **Next**
- Choisir **Install updates** et indiquer **S:\HCL\Connections\updateInstaller\fixes** comme chemin
- Choisir l'iFix à installer puis cliquer sur **Next**
- Choisir **I have backed up ...**
- Entrer le compte d'administration et son mot de passe de la console Websphere puis cliquer sur **Next**
- Cliquer sur **OK**
- Cliquer sur **Install**
- Cliquer sur **Finish**
- Arreter le nodeagent, supprimer le répertoire temp du serveur Connections
- Démarrer le nodeagent et lancer une synchronisation complète
- Relancer HCL Connections

Sources :

- [Installing fixes in interactive mode](#)

HCL Domino 12 : Domino Server Tasks

Les tâches serveur ont un rôle important pour le bon fonctionnement d'un serveur HCL Domino, elles permettent de lancer des actions d'administration complexe.

Il existe plusieurs méthodes pour lancer ces tâches :

- A partir de la console du serveur local
- A partir de la console du serveur Domino Administrator
- A partir de l'outil de démarrage de tâche de Domino

Administrator

- Dans le fichier NOTES.INI
- Dans un document Programme

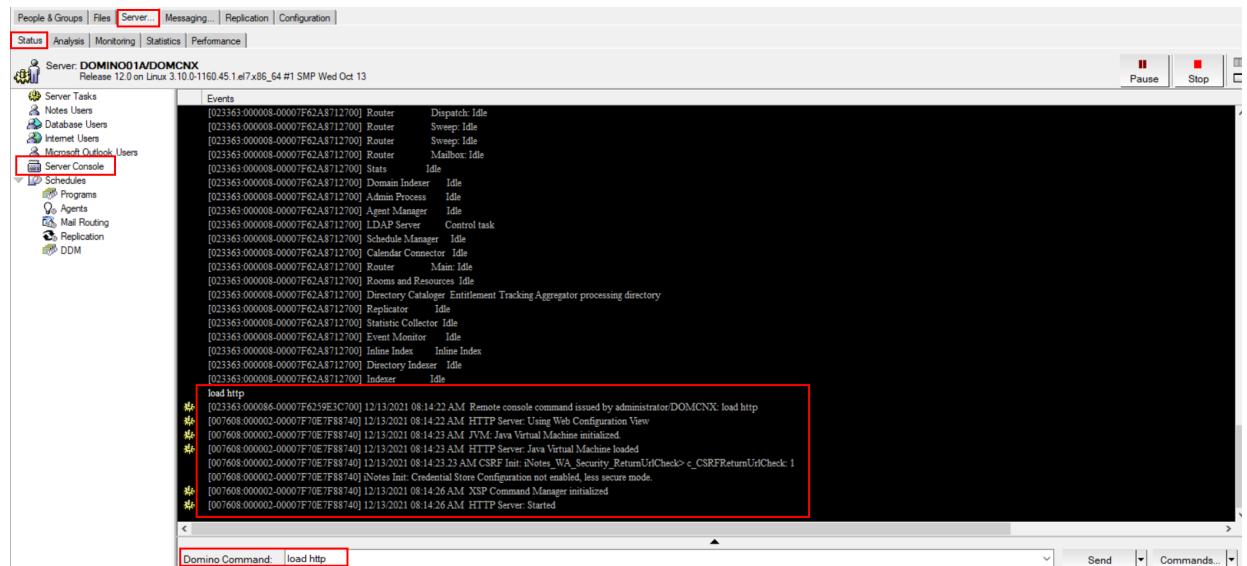
A partir de la console du serveur local

Lancer la tâche serveur à partir de la console du serveur local.

A partir de la console du serveur Domino Administrator

Dans Domino Administrator :

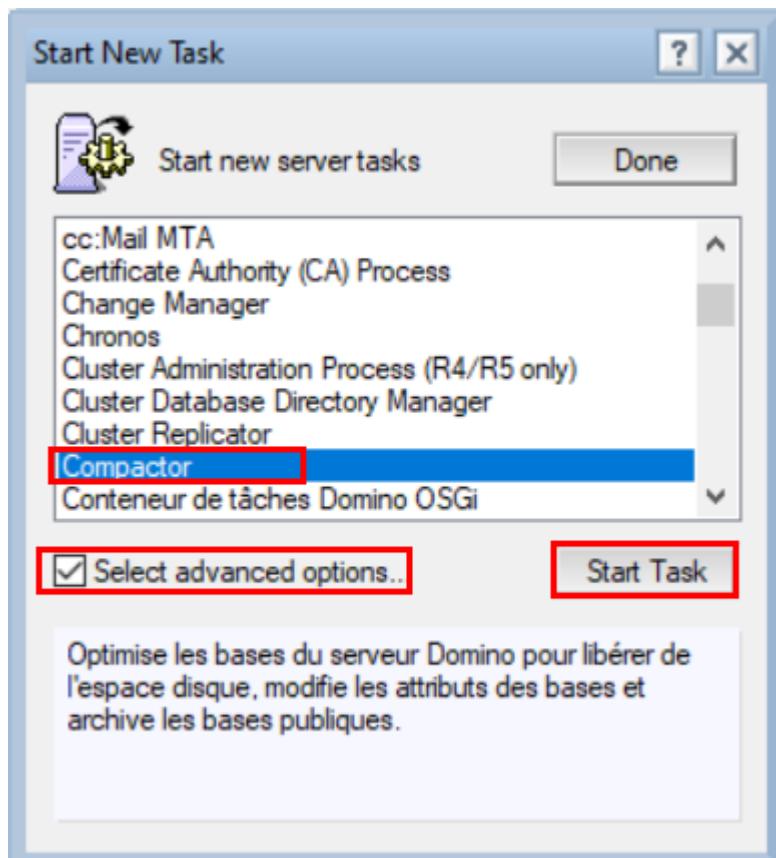
- Cliquer sur l'onglet **Serveur** -> **Status**
- Cliquer sur **Server Console**
- Dans le champ **Domino Command**, taper la commande **load taskname**



A partir de l'outil de démarrage de tâche de Domino Administrator

Dans Domino Administrator :

- Cliquer sur l'onglet **Serveur -> Status**
- Cliquer sur **Server Tasks**.
- Clic droit sur une tâche puis cliquer sur **Start New Task**
- Sélectionner une tâche serveur dans la liste puis sélectionner les options avancées pour spécifier des paramètres supplémentaires.



- Cliquer sur **Start Task**

Dans le fichier NOTES.INI

En ajoutant la tâche taskname à une des deux variables suivantes :

serverTasks lance automatiquement la tâche

serverTasksAt si on souhaite la lancer à un moment précis

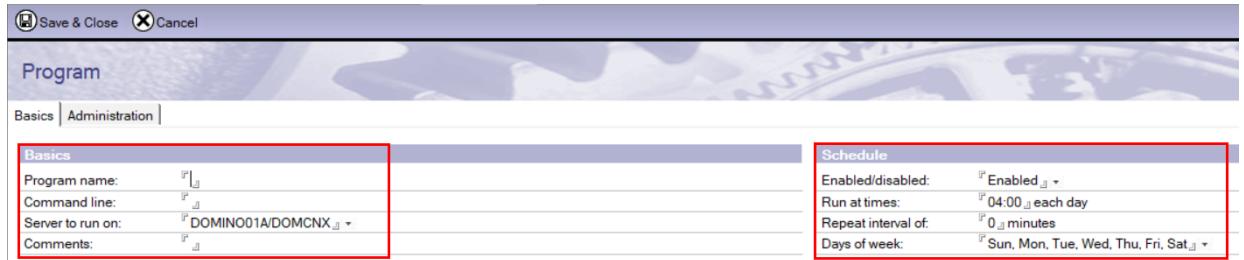
serverTasks=taskname

serverTasksAt=taskname

Dans un document Programme

Dans Domino Administrator :

- Cliquer sur l'onglet Configuration -> Server -> Program
- Cliquer sur Add Program



- Compléter les champs dans l'onglet **Basics**
- Compléter les champs dans l'onglet **Schedule**
- Cliquer sur **Save & Close**

Pour afficher toutes les tâches planifiées, taper dans la console serveur la commande suivante :

```
show sched
```

Liste des tâches serveurs

Tâche	Commande d'exécution	Valeur par défaut dans le fichier NOTES.INI
Activity Trends Collector	trends	Aucune
Administration Process	AdminP	ServerTasks
Agent manager	AMgr	ServerTasks
Billing	Billing	ServerTasks
Calendar Connector	Calconn	ServerTasks
CA process	ca	ServerTasks
Cataloger	Catalog	ServerTasksAt1

Tâche	Commande d'exécution	Valeur par défaut dans le fichier NOTES.INI
Change Manager	runjava ChangeMan	Aucune
Chronos	Chronos	Aucune
Cluster Database Directory Manager	Cldbdir	Aucune
Cluster Replicator	Clrepl	Aucune
Database compactor	Compact	Aucune
Database fixup	Fixup	Aucune
Designer	Design	ServerTasksAt1
DIIOP	DIIOP	ServerTasks
Directory Cataloger	Dircat	Aucune
Domain Indexer	Domidx	Aucune
Event Monitor	Event	Aucune
HTTP Server	HTTP	Aucune
IMAP Server	IMAP	Aucune
Indexer	Updall	ServerTasksAt2
Internet Cluster Manager (ICM)	ICM	Aucune
ISpy	RunJava ISpy	ServerTasks
LDAP Server	LDAP	ServerTasks sur le serveur d'administration pour l'annuaire Domino. Aucune pour les autres serveurs
MTC	MTC	ServerTasks
POP3 Server	POP3	Aucune
Replicator	Replica	ServerTasks
Reporter	Report	Aucune

Tâche	Commande d'exécution	Valeur par défaut dans le fichier NOTES.INI
Router	Router	ServerTasks
Runjava	Runjava	Aucune. Utilisée uniquement avec le nom d'une autre tâche complémentaire, n'apparaît jamais seule
Rooms & Resource Manager	RnRMgr	ServerTasks
Schedule manager	Sched	Aucune
SMTP listener	SMTP	Aucune
SNMP QuerySet	QurySet	Aucune
SNMP Interceptor	Intrcpt	Aucune
Statistic Collector	Collect	Aucune
Statistics	Statlog	ServerTasksAt5
Stats	Stats	ServerTasks
Web Retriever	Web	Aucune