

NAVIGATING **HCL NOTES 14.5 FP1** UPGRADES

Christoph Adler - panagenda





LinkedIn 

Christoph Adler 
Head of Solution Consulting

christoph.adler@panagenda.com

Before We Start



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Lus know what we can do better.

- **HCL Notes 14.5 FP1 - Release Notes & know issues**
- **Performance Tips & Tricks**
- **Upgrades to HCL Notes 14.5 FP1**
- **Q & A**



This is not a commercial webinar

All mentioned tools/solutions are **FREE**



HCL Notes 14.5 FP1

Release Notes & know issues

HCL Notes 14.5 FP1 - Release Info



- Release Date:
 - 2025-09-29
- System Requirements:
 - https://support.hcl-software.com/csm?id=kb_article&sysparm_article=KB0121297
- Release Notes:
 - https://support.hcl-software.com/csm?id=kb_article&sysparm_article=KB0124274
- Fix List:
 - 53 official fixes included (Notes and Domino)
 - https://ds_infolib.hcltechsw.com/ldd/fixlist.nsf?OpenDatabase&Start=1&Count=30&Expand=1

KB0122915 - Defect Article

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ID Vault password authentication to a Domino 14.5.0 ID Vault server fails with error ""Illegal Security function code"

🌐 English (Original) 📅 updated about a month ago • 👁 725 Views • ★★★★★

Applies to

HCL Domino 14.5.0

Observed Behavior

Notes/Domino 14.5.0 released with a new, stronger, default algorithm setting used during the password authentication protocol to the ID Vault. This new default algorithm has latent support only in 14.0.x clients and servers.

Notes clients and Domino servers that are pre-14.0 do not have the latent support for the new 14.5.0 default algorithm setting used in the ID Vault password authentication transaction.

Therefore any ID Vault password authentication transaction consisting of one endpoint running pre-14.0 code and the other end 14.5.0 code could encounter the ID Vault password authentication failure "Illegal Security function code."

Expected Behavior

ID Vault password authentication to the ID Vault should succeed if the password is validated by the ID Vault server.

Workaround

Run the HCL Domino ID Vault servers on a 14.0.x release other than 14.5.0 or upgrade to 14.5.0FP1

Or upgrade all Notes clients and servers to 14.0.x.

Defect Status

Open

Problem Resolution

Customers who need to stay on Domino 14.5.0 on ID Vault server can request a hotfix through support or upgrade to 14.5.0FP1

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https://support.hcl-software.com/csm?id=kb_article&sysparm_article=KB0122915

Important Fixes



KB0123412 - Defect Article

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Autosave データベースが ODS 56 で作成される

📅 published 3mo ago • 👁 10 Views • ★★★★★

Applies to

SPR Technote

SPR # JPAIDHWDWJ fixed in 14.5 FP1 release

Recommended Release (14.5 FP1)

Product Area: Client - Basic; - Standard **Technical Area:** AutoSave **Platform:** Cross Platform

Regression in 14.5

SPR# JPAIDHWDWJ - Client - AutoSave - Fixed an issue where AutoSave was creating unsupported ODS 56 AutoSave databases. This regression was introduced in 14.5

Last Modified on 09/26/2025

[Open](#)

Problem Resolution

この問題は問題報告番号 JPAIDHWDWJ として報告されています。

本技術文書の上部に表示されている、「Subscribe」または「登録」のボタンを押すと、更新された時に通知を受け取ることが可能です。(サポート・ポータルへのログインが必要です。)

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KB0122025 - Defect Article

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64-bit Notes crashes when opening document containing \$Fonts field

 updated 2mo ago •  65 Views •     

Applies to

HCL Notes 12.0.2 64-bit and later versions

Observed Behavior

There is a problem with 64-bit Notes regarding opening the Notes documents that have a RichText Field "\$Fonts".

Notes crashes when user tries to open such documents.

It doesn't crash when \$Fonts field is deleted from the document.

The problem exist only in 64-bit Notes, and doesn't exist in 32-bit Notes.

Expected Behavior

Notes should not crash when trying to open document contains \$Fonts field.

Defect Status

Resolved

Designated/Resolved version

12.0.2FP7, 14.5FP1

Problem Resolution

This issue has been reported via SPR # ASHEDG6FWQ. It has been resolved in release 12.0.2 FP7 and 14.5 FP1.

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https://support.hcl-software.com/csm?id=kb_article&sysparm_article=KB0122025

HCL NotesDomino 14.5 FP1 Security Fixes



What security updates are you missing from Domino?

What version of Domino are you running? 14.5

Your servers are currently missing 6 security updates. Please see below:

[Please click here for upgrade information.](#)

Version	SPR	Description
14.5 FP1	DKENDKNJG3	Previous versions of Domino mandated the "Domino.user.all" scope in access tokens used for HTTP bearer authentication. In 14.5 FPx, this mandatory scope can be customized via the notes.ini variable OIDC_DOMINO
14.5 FP1	DKENDKNJZ6	Federated Login with OIDC fails when using ID Vault names with space characters. This fix enables admins to configure a Vault scope in idpcat.nsf with underscore characters instead of space characters to avoid this pro
14.5 FP1	EPORDKXM36	Fix an issue where HCL Domino is affected by an XML External Entity (XXE) vulnerability in Apache Tika (CVE-2025-54988). See KB0124164.
14.5 FP1	JPAIDFBLN7	General - Fixed an issue to avoid a potential segmentation fault in UncoverPassword
14.5 FP1	MKSHDJM9SS	Server and Client - Security - ID Vault - Notes clients and Domino servers that are pre-14.0 do not have the latent support for a new default algorithm enabled in14.5 for password authentication transactions. So any ID
14.5 FP1	SRPIDKA8UU	D Vault - Fixed an issue where ID Vault authentication on the Verse server was causing several pthread crypto lock contention on the server

<https://e8-domino.preemptive.com.au/>

No known issues 😊

- almost -

Known issues (admins only)

KB0124771 - Defect Article

Directory links are disappearing in 14.5 FP1

published 24d ago • 25 Views • ★★★★★

Applies to
HCL Domino Administrator 14.5 FP1

Observed Behavior
You have created directory links in environment as explained here.
When Domino Administrator client 14.5 FP1 is installed or upgraded from older version, the directory links will get disappeared.
With Domino Admin client 14.5 FP1



The screenshot shows the Domino Admin client interface. On the left, the 'C:\Domino\data' folder is expanded, showing a list of subfolders: aut, etc, gsfhome, help, iNotes, IBM_CredStore, mail, mail1, panagenda, properties, W32, xmlschemas, and Catalog (S). The 'mail1' folder is highlighted with a red box. On the right, the 'Title' list shows various administrative tasks: Administration Request, AdminCentral, Admin Quick Requests, Java AgentRunner, Local free time info, Catalog (S), Certification Log, Server Certificate Admin, CPP FreeBusy WebServ, cspfwes, daosnap, Domino Domain Monit, and Offline Services. The main panel displays the HCLSoftware Domino Admin logo and version information: Release 14.5FP1 September 19, 2025, Version: 14.5. Logos for OnTime, eclipse, and Java are also visible.

With Domino Admin client 14.5



The screenshot shows the Domino Admin client interface. On the left, the 'C:\Domino\data' folder is expanded, showing a list of subfolders: aut, etc, gsfhome, help, iNotes, IBM_CredStore, mail, mail1, panagenda, properties, W32, xmlschemas, and Catalog (S). The 'mail1' folder is highlighted with a red box. On the right, the 'Title' list shows various administrative tasks: Administration Request, AdminCentral, Admin Quick Requests, Java AgentRunner, Local free time info, Catalog (S), Certification Log, Server Certificate Admin, CPP FreeBusy WebServ, cspfwes, daosnap, Domino Domain Monit, and Offline Services. The main panel displays the HCLSoftware Domino Admin logo and version information: Release 14.5 June 06, 2025, Version: 14.5. Logos for OnTime, eclipse, and Java are also visible.

https://support.hcl-software.com/csm?id=kb_article&sysparm_article=KB0124771



Performance **Tips & Tricks**

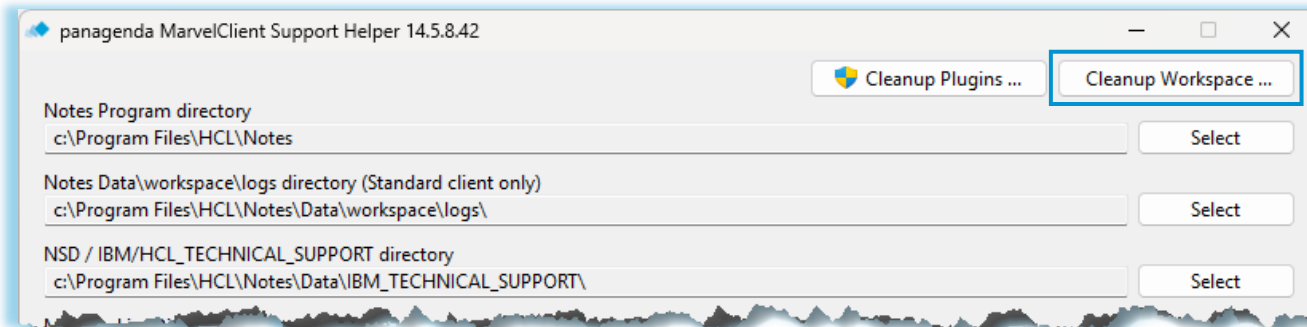
Upgrade Your Time

- Anti-virus & Security software
- Local data folder
- ODS (On Disk Structure)
- Port settings
- Location documents
- Connection documents
- And more ...

- **Cleanup Workspace**
- **Cleanup Plugins**

Performance → Cleanup Workspace

- **Building the Notes Data\workspace folder is an expensive operation**
 - especially when launching a client → Citrix/WTS/(non-persistent) VDI
- To address this, MarvelClient Upgrade can **prepare an optimized workspace image** in SharedData\Common
- **Significantly reduces client startup time and disk load**
- Plus, it can help with a corrupted workspace folder after upgrading Notes
- On demand cleanup included for **FREE** in latest **MCSupportHelper**



Look back to May 2025



```
<extendedDataElements name="CommonBaseEventLogRecord:Exception" type="string">
```

```
<values>org.osgi.framework.BundleException: Could not resolve module: org.eclipse.core.jobs [41]&#xA;
```

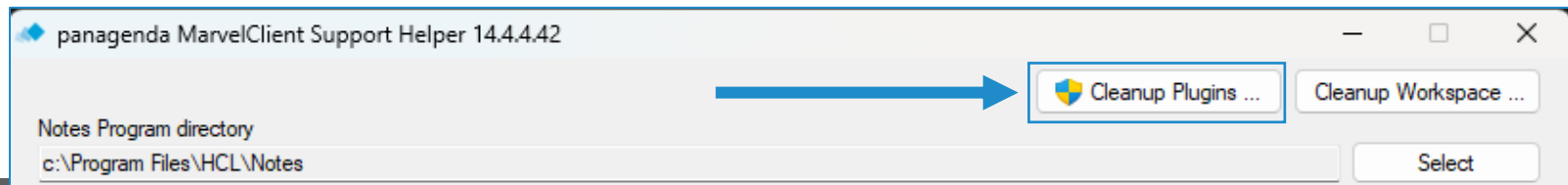
```
Another singleton bundle selected: osgi.identity; type=&quot;osgi.bundle&quot;;
```

```
version:Version=&quot;3.12.1.20241021-0835&quot;; osgi.identity=&quot;org.eclipse.core.jobs&quot;; singleton:=&quot;true&quot;&#xA;&#xD;&#xA;&#xA;&#x9;at  
org.eclipse.osgi.container.Module.start(Unknown Source)&#xD;&#xA;&#xA;&#x9;at org.eclipse.osgi.container.ModuleContainer$ContainerStartLevel.lambda$1(Unknown  
Source)&#xD;&#xA;&#xA;&#x9;at org.eclipse.osgi.container.ModuleContainer$ContainerStartLevel.incStartLevel(Unknown Source)&#xD;&#xA;&#xA;&#x9;at  
org.eclipse.osgi.container.ModuleContainer$ContainerStartLevel.incStartLevel(Unknown Source)&#xD;&#xA;&#xA;&#x9;at  
org.eclipse.osgi.container.ModuleContainer$ContainerStartLevel.doContainerStartLevel(Unknown Source)&#xD;&#xA;&#xA;&#x9;at  
org.eclipse.osgi.container.ModuleContainer$ContainerStartLevel.dispatchEvent(Unknown Source)&#xD;&#xA;&#xA;&#x9;at  
org.eclipse.osgi.container.ModuleContainer$ContainerStartLevel.dispatchEve</values>  
<values>nt(Unknown Source)&#xD;&#xA;&#xA;&#x9;at org.eclipse.osgi.framework.eventmgr.EventManager.dispatchEvent(Unknown Source)&#xD;&#xA;&#xA;&#x9;at  
org.eclipse.osgi.framework.eventmgr.EventManager$EventThread.run(Unknown Source)&#xD;&#xA;</values></extendedDataElements>
```

- ... Magic ... (= “remove all duplicate plugins”, but turned out a lot more complicated)
- Notes 14x64 FP4

Result: 73.9 MB volume saved, 137 folders, and 1.760 files

**In addition to
workspace cleanup
savings**



Notes 14.0 FP4

Name	Type	Size
 ORIGINAL_error-log-0.xml	XML File	252 KB
 WITH_PluginCleanup_error-log-0.xml	XML File	21 KB

~1.800 vs. <200 lines

Plugin Cleanup Normal* Client Savings: Cold Start

Process	CPU	Private Bytes	Working Set	PID	I/O Reads	I/O Writes	I/O Read Bytes	I/O Write Bytes	I/O Other	I/O Other Bytes	Handles	CPU Time	Threads	Cycles
ninotes.exe	< 0.01	74.800 K	125.664 K	976	4.096	2.746	16.5 MB	5.5 MB	12.574	283.2 KB	733	0:00:02.734	23	10.422.348.316
notes2.exe	< 0.01	720.420 K	259.656 K	2748	39.177	777	90.3 MB	2.3 MB	61.376	2.1 MB	1.126	0:00:12.484	60	46.056.466.187
ntaskldr.exe	< 0.01	43.708 K	17.556 K	11044	1.016	79	3.2 MB	64.7 KB	1.944	74.1 KB	326	0:00:00.250	10	837.426.166

Process	CPU	Private Bytes	Working Set	PID	I/O Reads	I/O Writes	I/O Read Bytes	I/O Write Bytes	I/O Other	I/O Other Bytes	Handles	CPU Time	Threads	Cycles
ninotes.exe	0.38	70.652 K	121.732 K	3612	4.041	2.478	16.2 MB	4.5 MB	12.293	274.1 KB	731	0:00:02.515	22	10.052.597.528
notes2.exe	< 0.01	717.492 K	232.712 K	4900	26.789	523	60.5 MB	320.5 KB	36.928	1.5 MB	1.157	0:00:11.031	61	38.964.613.937
ntaskldr.exe	< 0.01	44.224 K	17.512 K	4996	1.015	79	3.2 MB	66.3 KB	1.916	73.1 KB	332	0:00:00.234	10	809.878.234

Metric	Original	Optimized	Savings #	Savings %
Private Bytes (MB)	720,4	717,5	3,0	< 1%
Working Set (MB)	259,6	232,7	26,9	10%
I/O Reads (K)	39,1	26,8	12,3	31%
I/O Writes (K)	0,7	0,5	0,2	32%
I/O Read Bytes (MB)	90,3	60,5	29,8	33%
I/O Write Bytes (MB)	2,3	0,3	2,0	86%
I/O Other (K)	61,3	41,3	20,0	32%
I/O Other Bytes (MB)	2,1	1,9	0,2	9%
CPU Time (sec)	12,48	11,03	1,45	10%
CPU Cycles (M)	46,05	38,96	7,09	15%

*** Actually, more a
Dev/Admin Client
with various plugins**

Plugin Cleanup Normal* Client Savings: 6+ Warm start

Process	CPU	Private Bytes	Working Set	PID	I/O Reads	I/O Writes	I/O Read Bytes	I/O Write Bytes	I/O Other	I/O Other Bytes	Handles	CPU Time	Threads	Cycles
nlnotes.exe	0.37	69.784 K	116.348 K	8536	3.500	1.957	11.8 MB	3.7 MB	10.049	232.0 KB	650	0:00:01.937	21	7.872.689.771
notes2.exe	< 0.01	713.768 K	218.832 K	10400	27.459	535	63.2 MB	602.4 KB	37.330	1.5 MB	1.154	0:00:09.718	63	36.038.726.892
ntaskldr.exe	< 0.01	42.824 K	10.060 K	1720	580	47	2.8 MB	5.8 KB	1.150	44.7 KB	292	0:00:00.140	7	544.698.684

Process	CPU	Private Bytes	Working Set	PID	I/O Reads	I/O Writes	I/O Read Bytes	I/O Write Bytes	I/O Other	I/O Other Bytes	Handles	CPU Time	Threads	Cycles
nlnotes.exe	< 0.01	70.308 K	116.540 K	5608	3.507	1.963	11.8 MB	3.7 MB	10.060	233.8 KB	649	0:00:01.859	21	7.440.107.991
notes2.exe	< 0.01	713.488 K	216.112 K	3016	26.538	445	59.9 MB	291.2 KB	35.824	1.4 MB	1.109	0:00:09.140	61	34.057.498.792
ntaskldr.exe	< 0.01	43.728 K	12.608 K	8472	589	51	2.9 MB	6.9 KB	1.187	46.0 KB	291	0:00:00.140	9	600.752.512

Metric	Original	Optimized	Savings #	Savings %
Private Bytes (MB)	-	-	-	-
Working Set (MB)	-	-	-	-
I/O Reads (K)	27,4	26,6	0,9	3%
I/O Writes (K)	0,5	0,4	0,1	15%
I/O Read Bytes (MB)	63,2	59,9	3,3	5%
I/O Write Bytes (MB)	0,6	0,3	0,3	50%
I/O Other (K)	37,3	36,0	1,3	3%
I/O Other Bytes (MB)	1,5	1,4	0,1	5%
CPU Time (sec)	9,72	9,14	0,58	5%
CPU Cycles (M)	36,04	34,06	1,98	5%

* Actually, more a
Dev/Admin Client
with various plugins

Plugin Cleanup Citrix Savings: Setup Start

Process	CPU	Private Bytes	Working Set	PID	I/O Reads	I/O Writes	I/O Read Bytes	I/O Write Bytes	I/O Other	I/O Other Bytes	Handles	CPU Time	Threads	Cycles
nlnotes.exe	1.87	58.816 K	114.404 K	2464	8.577	12.137	36.0 MB	65.0 MB	27.330	768.0 KB	653	0:00:03.015	18	9.621.538.744
notes2.exe	10.86	792.868 K	460.656 K	2324	44.157	20.980	116.9 MB	28.9 MB	79.072	1.7 MB	1.431	0:00:15.593	97	47.537.879.440
Process	CPU	Private Bytes	Working Set	PID	I/O Reads	I/O Writes	I/O Read Bytes	I/O Write Bytes	I/O Other	I/O Other Bytes	Handles	CPU Time	Threads	Cycles
nlnotes.exe	0.37	59.876 K	112.368 K	2788	8.787	11.994	36.1 MB	64.2 MB	41.264	1.1 MB	660	0:00:03.390	20	10.261.599.420
notes2.exe	10.62	772.900 K	437.980 K	2312	40.262	20.809	103.7 MB	26.3 MB	82.413	1.8 MB	1.371	0:00:09.953	92	31.790.430.693
Process	CPU	Private Bytes	Working Set	PID	I/O Reads	I/O Writes	I/O Read Bytes	I/O Write Bytes	I/O Other	I/O Other Bytes	Handles	CPU Time	Threads	Cycles
nlnotes.exe	0.76	59.380 K	112.236 K	6748	8.849	12.142	36.2 MB	65.0 MB	40.344	1.1 MB	667	0:00:03.468	21	10.354.074.276
notes2.exe	8.31	779.416 K	430.776 K	9700	38.527	20.428	99.0 MB	25.7 MB	76.497	1.7 MB	1.375	0:00:09.109	94	28.904.236.958

Metric	Original	Workspace Optim.	Savings %	Plugin Cleanup	Savings %	Total %
Private Bytes (MB)	792	772	5%	-	-	5%
Working Set (MB)	460	437	5%	430	1%	6%
I/O Reads (K)	44,1	40,2	8%	38,5	3%	12%
I/O Writes (K)	20,9	20,8	-	20,4	2%	2%
I/O Read Bytes (MB)	116,9	103,7	11%	99,0	4%	15%
I/O Write Bytes (MB)	28,9	26,3	9%	25,7	2%	11%
I/O Other (K)	79,0	82,4	-	76,5	3%	3%
I/O Other Bytes (MB)	-	-	-	-	-	-
CPU Time (sec)	15,59	9,95	36%	9,11	8%	41%
CPU Cycles (M)	47,54	31,79	33%	28,90	9%	39%

Plugin Cleanup Citrix Savings: Roaming Start

Process	CPU	Private Bytes	Working Set	PID	I/O Reads	I/O Writes	I/O Read Bytes	I/O Write Bytes	I/O Other	I/O Other Bytes	Handles	CPU Time	Threads	Cycles
nlnotes.exe	0.73	57.132 K	114.712 K	5440	8.599	9.073	41.0 MB	69.7 MB	40.820	1.7 MB	668	0:00:02.953	20	9.635.797.058
notes2.exe	13.80	796.436 K	449.504 K	10168	43.083	18.964	113.8 MB	21.0 MB	76.204	1.6 MB	1.405	0:00:14.500	93	45.107.395.013
Process	CPU	Private Bytes	Working Set	PID	I/O Reads	I/O Writes	I/O Read Bytes	I/O Write Bytes	I/O Other	I/O Other Bytes	Handles	CPU Time	Threads	Cycles
nlnotes.exe	2.62	57.984 K	117.620 K	3876	8.442	9.015	40.8 MB	69.3 MB	52.780	2.0 MB	676	0:00:03.390	19	10.320.674.689
notes2.exe	7.85	759.488 K	418.456 K	6576	39.363	18.833	101.3 MB	18.4 MB	79.046	1.7 MB	1.329	0:00:09.718	89	30.208.158.031
Process	CPU	Private Bytes	Working Set	PID	I/O Reads	I/O Writes	I/O Read Bytes	I/O Write Bytes	I/O Other	I/O Other Bytes	Handles	CPU Time	Threads	Cycles
nlnotes.exe	1.11	58.376 K	114.988 K	9916	8.803	9.070	40.9 MB	69.7 MB	52.020	2.0 MB	669	0:00:03.484	21	10.238.254.945
notes2.exe	11.07	777.804 K	419.944 K	9164	37.778	18.479	96.7 MB	17.8 MB	75.049	1.6 MB	1.347	0:00:08.953	91	28.339.552.656

Metric	Original	Workspace Optim.	Savings %	Plugin Cleanup	Savings %	Total %
Private Bytes (MB)	796	759	4%	777	-	2%
Working Set (MB)	459	418	9%	419	-	9%
I/O Reads (K)	43,1	39,3	8%	37,8	4%	12%
I/O Writes (K)	18,9	18,8	-	18,4	2%	2%
I/O Read Bytes (MB)	113,8	101,3	11%	96,7	4%	15%
I/O Write Bytes (MB)	21,0	18,4	10%	17,8	4%	14%
I/O Other (K)	80,1	76,5	4%	72,0	6%	10%
I/O Other Bytes (MB)	-	-	-	-	-	-
CPU Time (sec)	14,50	9,72	33%	8,95	8%	38%
CPU Cycles (M)	45,11	30,21	33%	28,34	6%	37%

Plugin Cleanup Citrix Savings: 1st Warm Start

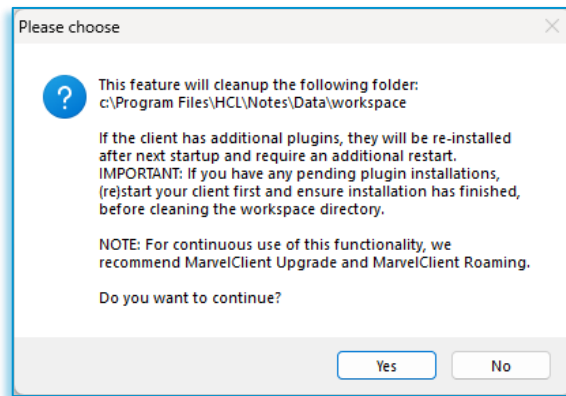
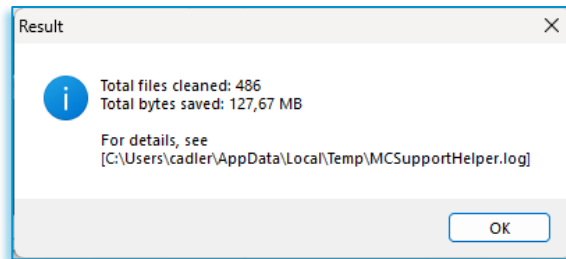
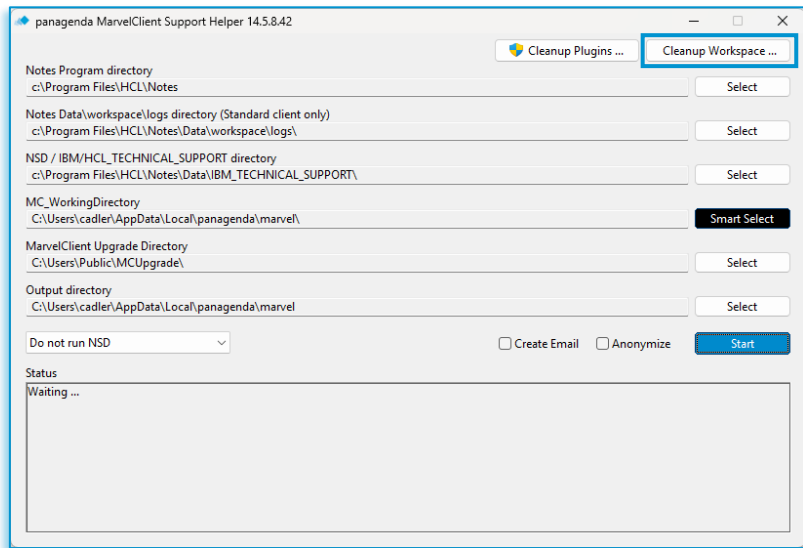
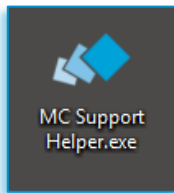
Process	CPU	Private Bytes	Working Set	PID	I/O Reads	I/O Writes	I/O Read Bytes	I/O Write Bytes	I/O Other	I/O Other Bytes	Handles	CPU Time	Threads	Cycles
nlnotes.exe	< 0.01	58.088 K	97.328 K	7872	2.474	726	7.0 MB	1.5 MB	5.377	134.9 KB	646	0:00:00.671	22	1.961.034.562
notes2.exe	2.67	786.092 K	317.872 K	8528	30.467	488	70.7 MB	1.3 MB	53.330	1.4 MB	1.329	0:00:07.531	92	21.174.916.001
Process	CPU	Private Bytes	Working Set	PID	I/O Reads	I/O Writes	I/O Read Bytes	I/O Write Bytes	I/O Other	I/O Other Bytes	Handles	CPU Time	Threads	Cycles
nlnotes.exe	0.75	56.696 K	100.732 K	3680	2.472	781	7.0 MB	1.5 MB	11.524	317.6 KB	655	0:00:00.796	20	2.515.840.571
notes2.exe	8.28	757.440 K	325.888 K	8516	29.858	397	68.7 MB	1.2 MB	52.767	1.4 MB	1.316	0:00:06.812	88	21.480.616.630

Metric	Original	Workspace Optim.	Savings %	Plugin Cleanup	Savings %	Total %
Private Bytes (MB)	786,1	-	-	757,4	-	-
Working Set (MB)	317,9	-	-	325,9	-	-
I/O Reads (K)	30,5	-	-	29,9	-	2%
I/O Writes (K)	0,5	-	-	0,4	-	20%
I/O Read Bytes (MB)	70,7	-	-	68,7	-	3%
I/O Write Bytes (MB)	1,3	-	-	1,2	-	7%
I/O Other (K)	53,3	-	-	52,7	-	1%
I/O Other Bytes (MB)	-	-	-	-	-	-
CPU Time (sec)	7,53	-	-	6,81	-	9%
CPU Cycles (M)	21,17	-	-	21,48	-	-

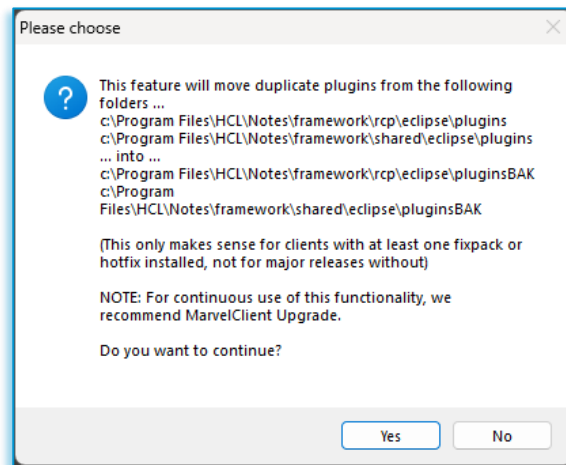
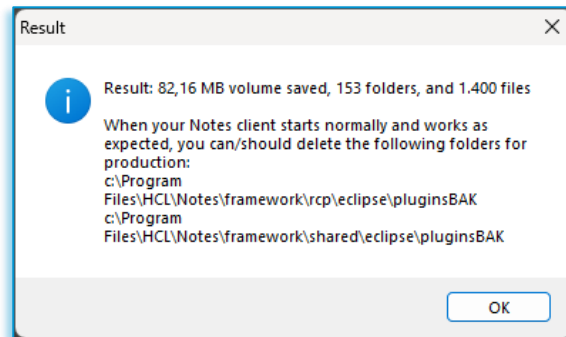
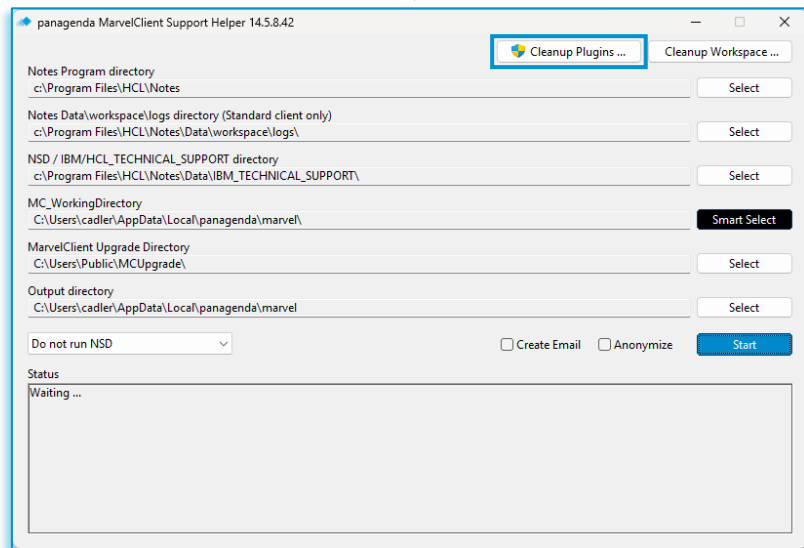
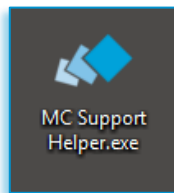


Well, actually - back to now 😊

Performance → Cleanup Workspace



Performance → Cleanup Plugins



FREE MarvelClient Support Helper



Using MarvelClient Support Helper / MCSupportHelper

The MarvelClient Support Helper tool (MCSupportHelper.exe) is a small program for Windows that helps you **collect and optionally anonymize your Notes client logs and MarvelClient data**, so you can easily send them to support for analysis and troubleshooting.

- [Quickstart Guide](#)
- [How Anonymization Works](#)
- [Collecting Files from HCL Nomad Clients](#)
- [Files that are Collected in Each Directory](#)
- [Content that is anonymized](#)

Quickstart Guide

STEP 1: Download MCSupportHelper.exe

You can find it here: <https://update.panagenda.com/mclhc/MCSupportHelper/MCSupportHelper.zip>

2025-11-17: 14.5.8.42

- FIX: Fixed an issue where Plugin Cleanup failed for HCL Notes 14.5FP1

2025-07-28: 14.5.7.42

- FIX: Fixed an issue where MCSupportHelper displayed "Error in line 8860" when launched on clients without MarvelClient installed

2025-07-14: 14.5.5.42

- FIX: "Cleanup Workspace" no longer deletes Sametime Emoticons
- ENHANCEMENT: MCSupportHelper is now fully per Monitor Hi-DPI-aware

2025-04-16: 14.5.0.42

- ENHANCEMENT: 7-Zip has been updated from version 9.22 beta to 24.09

2025-03-23: 14.4.4.42

- ENHANCEMENT: Added a messagebox to display information when "Cleanup Plugins ..." requires elevation

2025-03-06: 14.3.3.42

- FIX: Fixed an issue where shortcuts to C:\Program Files\... were wrongly resolved as C:\Program Files (x86) due to a Windows bug
- FIX: Fixed an issue where MCSupportHelper would detect a missing MC_WorkingDirectory as 0 instead of empty / not set
- NEW: The MCSupportHelper.log file is included in the resulting zip file and contains Notes client autodetection details, as well as details of all found Notes shortcuts
- NEW: Added a new feature "Cleanup Workspace"
- NEW: Added a new feature "Cleanup Plugins" (requires administrative rights)
- NEW / CHANGE: MCSupportHelper now writes a MCSupportHelper.log file to the Windows TEMP folder
- CHANGE: The input fields for the various folders/directories are no longer editable. They should only be changed using the buttons right next to them



Upgrades to HCL Notes 14.5 FP1



Why are we still talking about Notes Upgrades?

Stay current with (security) updates

Current available and supported releases

- **HCL Notes 14.5 FP1 (September 2025) – 64-bit only**
 - Next version → 14.5.1
 - No EOS defined yet

- **HCL Notes 14.0 FP4 (April 2025) – 64-bit only**
 - Next version → 14.0 FP5
 - No EOS defined yet

- **HCL Notes 12.0.2 FP7 (August 2025) – 32 and 64-bit**
 - Next version → 12.0.2 FP8
 - No EOS defined yet

Stay current with (security) updates

Current available and EXTENDED supported releases

- **HCL Notes 11.0.1 FP9 Interim Fix 1 (February 2025) – 32-bit only**
 - Next version → not planned
 - EOS announced for June 26th, 2025 (Extended Support End Date June 30th, 2025)

- **HCL Notes 10.0.1 FP8 Interim Fix 1 (May 2023) – 32-bit only**
 - Next version → not planned
 - EOS announced for June 01st, 2024 (Extended Support End Date June 30th, 2030)

- **HCL Notes 9.0.1 FP10 Interim Fix 12 (August 2023) – 32-bit only**
 - Next version → not planned
 - EOS announced for June 01st, 2024 (Extended Support End Date June 30th, 2030)

HCL Notes Product Lifecycle



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You are viewing products in the Notes family of products. Select multiple products to download a .csv or .xml file with the lifecycle information.

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☐ Select All	Product Name	Ver.	Category	Policy Type	Availability	End of Support	End of Extended Support	More Info
☐	HCL Notes	14.5.x	Sovereign Collaboration	S	06/17/2025			
☐	HCL Notes	14.0.x	Sovereign Collaboration	S	12/07/2023			
☐	HCL Notes	12.0.x	Sovereign Collaboration	S	05/27/2021			
☐	HCL Notes	11.0.x	Sovereign Collaboration	S	12/20/2019	06/26/2025	06/30/2025	EOS More Info
☐	Notes	10.0.x	Sovereign Collaboration	E	10/10/2018	06/01/2024	06/30/2030	More Info
☐	Notes	9.0.x	Sovereign Collaboration	E	04/12/2013	06/01/2024	06/30/2030	More Info

Notes 2026 (14.5.1) - Early Access Drop 1

next week “Tuesday”

- HCL Notes 14.5 FP1
- MultiUser Install
- Languages: Czech, Danish, English, French, German, Norwegian and Swedish
- Default paths for

Program directory

C:\Program Files\HCL\Notes

Shared data directory

C:\ProgramData\HCL\Notes\Data\shared

Data directory

C:\Users\%USERNAME%\AppData\Local\HCL\Notes\Data

No need to make changes to MSI package(s)

- Scripts can help here (or a good Notes Upgrade solution)
- Differentiation between package and configuration (notes.ini, ConfigFile, etc.)
- That will help you a lot when it comes to package changes, new versions and testing

Always include an Uninstall part in your package

- In-place upgrades are not recommended
- You can use the package also in cases of an initial- or re-installs

Execution order (1)

a) Kill all possible Notes processes (and more)

- notes.exe ; nlnotes.exe ; notes2.exe ; ntaskldr.exe ; designer.exe ; admin.exe ; nhttp.exe ; sametime75.exe ; nminder.exe ; soffice.bin ; soffice.exe ; nsd.exe ; notesmm.exe ; nnotesmm.exe ; ccmexec.exe

b) Stop all possible Notes services (and more)

- HCLAUTService ; IBMAUTService ; HCLNotesSingleLogon ; IBMNotesSingleLogon ; LotusNotesSingleLogon ; Multi-userCleanupService ; IBMNotesDiagnostics ; LotusNotesDiagnostics ; LNSUSvc ; wuauserv ; SMSAgentHost ; IntuneManagementExtension

c) Remove all possible Notes shortcuts pointing to

- nlnotes.exe ; notes.exe ; admin.exe ; designer.exe

Execution order (2)

- d) Uninstall current Notes version by using both nice64.exe & nice.exe
 - Notes_14.5_Win64_English\Utility\NotesCustomizationKit_1_0.zip\nice64.exe
 - Notes_12.0.2_Win_English\Utility\NotesCustomizationKit_1_0.zip\nice.exe

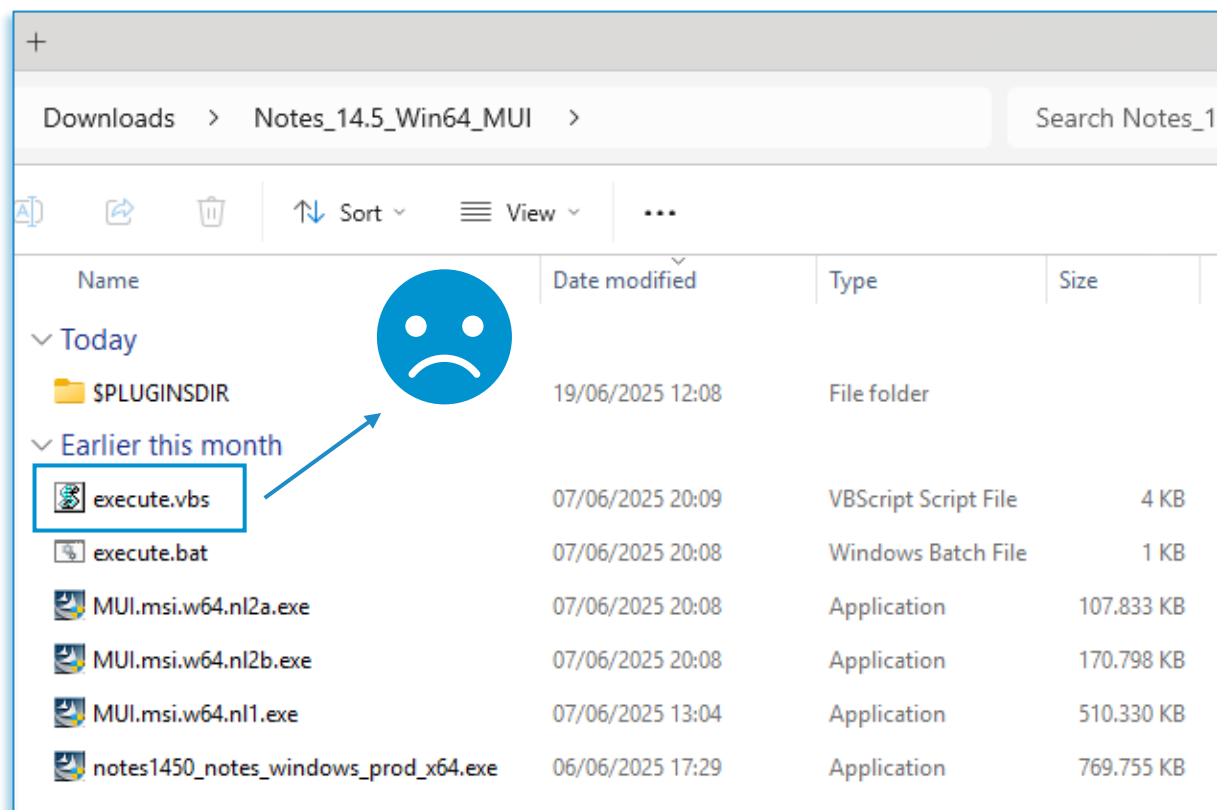
- e) Migrate Data folder (if needed)
 - Target: %LocalAppData%\HCL\Notes\Data

- f) Run local cleanup
 - (old) Registry
 - Folders → (old) Program & (old) Shared Data

Execution order (3)

- g) Install Notes 14.5 (English)
- h) Install Languages
 - MUI.msi.w64.nl1 → French, German
 - MUI.msi.w64.nl2a → Swedish
 - MUI.msi.w64.nl2b → Czech
 - Notes_14.5_Win64_MUI_G3 → Danish, Norwegian
- i) Install Notes 14.5 FP1
- j) Copy customized files like stub notes.ini, ConfigFile, etc.

Always uncompress the MUI pack



MUI G3 is a different installer and included in the MUI Pack



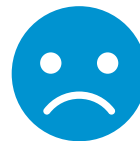
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My HCLSoftware Downloads Deployments panagenda

Notes

Name	Description	Platform	Released	Size	Actions
Notes_14.5_Win64_Arabic.exe	HCL Notes 14.5 for Windows 64bit Arabic	windows	17 Jun 2025	842.74 MB	Download Copy #
Notes_14.5_Win64_BPortuguese.exe	HCL Notes 14.5 for Windows 64bit Brazilian Portuguese	windows	17 Jun 2025	896.34 MB	Download Copy #
Notes_14.5_Win64_Catalan.exe	HCL Notes 14.5 for Windows 64bit Catalan	windows	17 Jun 2025	891.66 MB	Download Copy #
Notes_14.5_Win64_Czech.exe	HCL Notes 14.5 for Windows 64bit Czech	windows	17 Jun 2025	842.56 MB	Download Copy #
Notes_14.5_Win64_Danish.exe	HCL Notes 14.5 for Windows 64bit Danish	windows	17 Jun 2025	892.05 MB	Download Copy #
Notes_14.5_Win64_Dutch.exe	HCL Notes 14.5 for Windows 64bit Dutch	windows	17 Jun 2025	847.75 MB	Download Copy #
Notes_14.5_Win64_English.exe	HCL Notes 14.5 for Windows 64bit English	windows	17 Jun 2025	751.71 MB	Download Copy #
Notes_14.5_Win64_Finnish.exe	HCL Notes 14.5 for Windows 64bit Finnish	windows	17 Jun 2025	892.05 MB	Download Copy #
Notes_14.5_Win64_French.exe	HCL Notes 14.5 for Windows 64bit French	windows	17 Jun 2025	895.94 MB	Download Copy #
Notes_14.5_Win64_German.exe	HCL Notes 14.5 for Windows 64bit German	windows	17 Jun 2025	902.85 MB	Download Copy #
Notes_14.5_Win64_Hebrew.exe	HCL Notes 14.5 for Windows 64bit Hebrew	windows	17 Jun 2025	842.52 MB	Download Copy #
Notes_14.5_Win64_Hungarian.exe	HCL Notes 14.5 for Windows 64bit Hungarian	windows	17 Jun 2025	843.12 MB	Download Copy #
Notes_14.5_Win64_Italian.exe	HCL Notes 14.5 for Windows 64bit Italian	windows	17 Jun 2025	895.92 MB	Download Copy #
Notes_14.5_Win64_Japanese.exe	HCL Notes 14.5 for Windows 64bit Japanese	windows	17 Jun 2025	846.5 MB	Download Copy #
Notes_14.5_Win64_Korean.exe	HCL Notes 14.5 for Windows 64bit Korean	windows	17 Jun 2025	846.55 MB	Download Copy #
Notes_14.5_Win64_MUI_G3.exe	HCL Notes Client 14.5 Multilingual User Interface for Windows 64bit for Catalan, Da...	windows	17 Jun 2025	374.96 MB	Download Copy #
Notes_14.5_Win64_MUI.exe	HCL Notes 14.5 64bit Multilingual User Interface for German, Japanese, Italian, Fren...	windows	17 Jun 2025	1.49 GB	Download Copy #
Notes_14.5_Win64_Norwegian.exe	HCL Notes 14.5 for Windows 64bit Norwegian	windows	17 Jun 2025	892.85 MB	Download Copy #
Notes_14.5_Win64_Polish.exe	HCL Notes 14.5 for Windows 64bit Polish	windows	17 Jun 2025	842.42 MB	Download Copy #
Notes_14.5_Win64_Russian.exe	HCL Notes 14.5 for Windows 64bit Russian	windows	17 Jun 2025	843.36 MB	Download Copy #
Notes_14.5_Win64_Simplified_Chinese.exe	HCL Notes 14.5 for Windows 64bit Simplified Chinese	windows	17 Jun 2025	808.47 MB	Download Copy #

Go to top



Create Notes Upgrade Package – Command lines

- Kill Processes & Stop Services

```
Taskkill /IM "notes.exe"  
Taskkill /IM "nlnotes.exe"  
Taskkill /IM "notes2.exe"  
Taskkill /IM "ntaskldr.exe"  
Taskkill /IM "nsd.exe"  
Taskkill /IM "notesmm.exe"  
Taskkill /IM "nnotesmm.exe"  
Taskkill /IM "designer.exe"  
Taskkill /IM "admin.exe"  
Taskkill /IM "nhttp.exe"  
Taskkill /IM "sametime75.exe"  
Taskkill /IM "nminder.exe"  
Taskkill /IM "soffice.bin"  
Taskkill /IM "soffice.exe"
```

```
net stop "HCLAUTService"  
net stop "IBMAUTService"  
net stop "HCLNotesSingleLogon"  
net stop "IBMNotesSingleLogon"  
net stop "LotusNotesSingleLogon"  
net stop "Multi-userCleanupService"  
net stop "IBMNotesDiagnostics"  
net stop "LotusNotesDiagnostics"  
net stop "LNSUSvc"  
net stop "wuauerv"  
net stop "SMSAgentHost"  
net stop "IntuneManagementExtension"
```

Create Notes Upgrade Package – Command lines

- Uninstall & Cleanup

```
reg delete HKEY_LOCAL_MACHINE\Software\Wow6432Node\Lotus /f
reg delete HKEY_LOCAL_MACHINE\Software\Lotus /f
reg delete HKEY_LOCAL_MACHINE\Software\HCL /f
C:\Install\nice.exe -rp -qn -wipe
C:\Install\nice64.exe -rp -qn -wipe
rmdir "C:\Program Files (x86)\IBM\Lotus" /s/q
rmdir "C:\Program Files (x86)\IBM\Notes" /s/q
rmdir "C:\Program Files (x86)\IBM\HCL" /s/q
rmdir "C:\Program Files\HCL" /s/q
rmdir "C:\ProgramData\Lotus" /s/q
rmdir "C:\ProgramData\IBM\Notes" /s/q
rmdir "C:\ProgramData\IBM\JVMPatcher" /s/q
rmdir "C:\ProgramData\HCL" /s/q
```

Create Notes Upgrade Package – Command lines

- Installation(s)

```
C:\Install\notes1450_notes_windows_prod_x64.exe -s -a /s /v"SETMULTIUSER=1 REBOOT=REALLYSUPPRESS /qn /lime "C:\Install\notes1450_notes_windows_prod_x64.log""  
C:\Install\MUI.msi.w64.nl1.exe -s -a /s /v"ADDLOCAL=French,German REBOOT=REALLYSUPPRESS /qn /lime "C:\Install\MUI.msi.w64.nl1.log""  
C:\Install\MUI.msi.w64.nl2a.exe -s -a /s /v"ADDLOCAL=Swedish REBOOT=REALLYSUPPRESS /qn /lime "C:\Install\MUI.msi.w64.nl2a.log""  
C:\Install\MUI.msi.w64.nl2b.exe -s -a /s /v"ADDLOCAL=Czech REBOOT=REALLYSUPPRESS /qn /lime "C:\Install\MUI.msi.w64.nl2b.log""  
C:\Install\Notes_14.5_Win64_MUI_G3.exe -s -a /s /v"ADDLOCAL=Danish,Norwegian REBOOT=REALLYSUPPRESS /qn /lime "C:\Install\Notes_14.5_Win64_MUI_G3.log""  
C:\Install\Notes_1450FP1_Win64.exe -s -a /s /v"METHOD=INSTALL REBOOT=REALLYSUPPRESS /qn /lime "C:\Install\Notes_1450FP1_Win64.log""
```

- Customized Files

```
copy /Y "C:\Install\Customized_Files\notes.ini" "C:\ProgramData\HCL\Notes\Data\notes.ini"  
copy /Y "C:\Install\Customized_Files\config.txt" "C:\ProgramData\HCL\Notes\Data\config.txt"
```

Create Notes Upgrade Package – MSI .log files

Check ALL log files (created during installations) for errors

– Successful

```
MSI (s) (B8:68) [22:13:14:894]: Product: HCL Notes 14.5 x64 -- Installation operation completed successfully.  
MSI (s) (B8:68) [22:13:14:894]: Windows Installer installed the product. Product Name: HCL Notes 14.5 x64.  
Product Version: 14.50.25156. Product Language: 1033. Manufacturer: HCL. Installation success or error status: 0.  
=== Logging stopped: 19/06/2025 22:13:14 ===
```

– Not successful (with errors)

```
MSI (s) (B8:68) [22:42:33:894]: Product: HCL Notes 14.5 x64 -- Installation operation failed.  
MSI (s) (B8:68) [22:42:33:894]: Windows Installer installed the product. Product Name: HCL Notes 14.5 x64.  
Product Version: 14.50.25156. Product Language: 1033. Manufacturer: HCL. Installation success or error status: 1603.  
=== Logging stopped: 19/06/2025 22:42:33 ===
```

Create Notes Upgrade Package – MSI .log files

– Customized stub notes.ini (example)

```
[Notes]
KitType=1
SharedDataDirectory=c:\ProgramData\HCL\Notes\Data\Shared
InstallType=6
InstallMode=1
NotesProgram=c:\Program Files\HCL\Notes\
ConfigFile=%ProgramData%\HCL\Notes\Data\setup.txt
FailoverSilent=1
HidePromptFailoverInc=1
OS_DisableMMapFileCopy=1
Ports=TCPIP
TCPIP=TCP,0,15,0,,12320,
Create_R12_Databases=1
```

– Config file → setup.txt (example)

```
USERNAME=%USERNAME%
Domino.Name=server/acme
Domino.Address=server.acme.local
Domino.Port=TCPIP
Domino.Server=1
AdditionalServices=-1
```

- notes.ini changes for existing configurations
(via [MarvelClient Essentials](#) or Domino Policy)
 - Remove CREATE_R85_DATABASES=1
 - Remove CREATE_R9_DATABASES=1
 - Remove CREATE_R10_DATABASES=1
 - Add CREATE_R12_DATABASES=1
 - ~~Add NSF_UpdateODS=1~~

OR

- NSF_AlwaysUpdateODS=0

Add Exclusions for Anti-virus and security software

- C:\Program Files\HCL\Notes
- C:\ProgramData\HCL\Notes\Data
- C:\Users*\AppData\Local\HCL\Notes\Data

If AppBlocker(s) are available

- Ensure all Notes executables / folders are whitelisted

Test → Pilot → Production

Test

- Try to use virtual machines with snapshots
- Use production configuration images
 - Desktops vs. Laptops vs. VDI
 - ActiveDirectory → GPOs (Group Policy Objects)
 - No local admin user rights
 - Enabled UAC (User Account Control)
 - Installed Security Software
 - ...

Test → Pilot → Production

Pilot

- Choose the members of the pilot group wisely and let them know about it
- 20 – 50 users from different departments and with different requirements on HCL Notes

Production Deployment

- Inform your ServiceDesk and your users before you push the button
- Balance your deployment by upgrading e. g. 100-500 users at the same time – not more



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- Unrestricted use on 25 computers*
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- Access to our knowledge base

* The 25 computers require internet access
for automatic licenses checkout.

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Q & A



NEXT SESSION

OpenNTF End-of-Year Festivities for 2025

Dec. 18th , 2025



<https://openntf.org/main.nsf/blog.xsp?permaLink=SBAZ-DNKU2B>



THANK YOU!

