

HCL Notes and Domino License Cost Reduction in the World of DLAU

June 11th, 2024



Host & Speaker



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Before We Start



All attendee lines are muted

This is to prevent interruptions during the presentation.



Please submit questions via the Chat or Q&A panel

Your questions will be addressed directly during the webinar or in the Q&A section after the presentation.



The webinar is being recorded

After the webinar, we will send you a mail to give access to the recording and presentation slides.

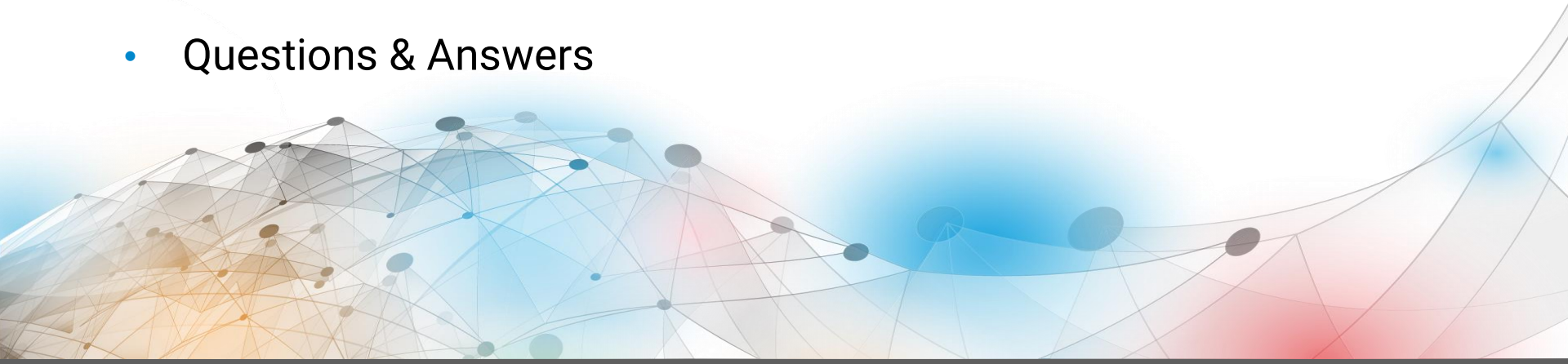


Share your feedback with us

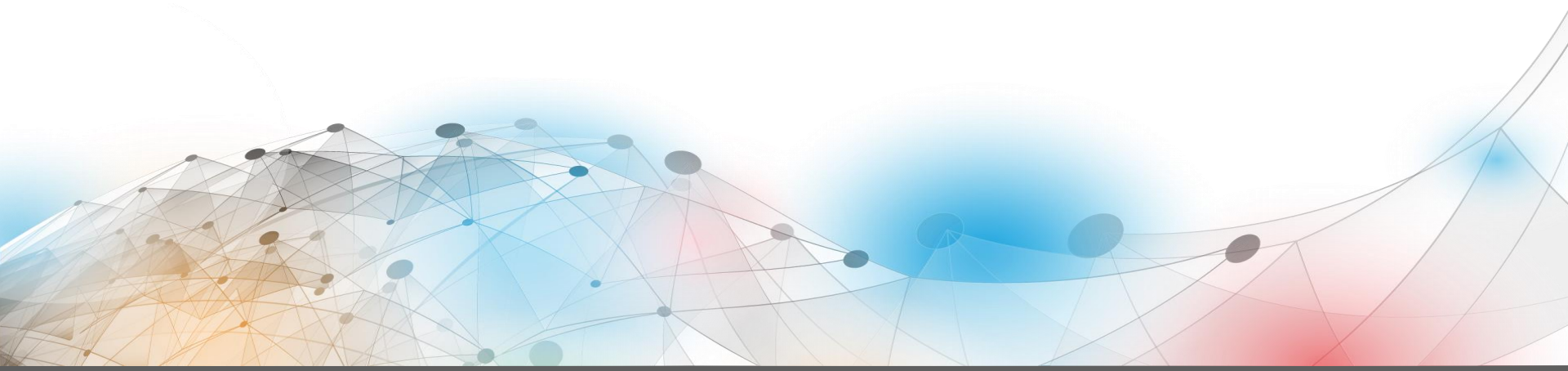
Use the link provided at the end to let us know what we can do better.

Agenda

- Licensing Overview (CCB / CCX)
- Introduction to DLAU
- Optimization Scenarios
- How panagenda can help
- Questions & Answers



Licensing Overview (CCB / CCX)



CCB and CCX first appearance



"Introducing HCL Domino Complete Collaboration Business Edition (CCB) – Simplifying Licensing, Amplifying Collaboration!"

First released with HCL Domino 11.0.1 March, 2020."

Program Name:

HCL Domino Complete Collaboration 11.0.1

The following standard terms apply to Licensee's use of the Program HCL Domino Complete Collaboration. The Program is provided in two models with separate entitlement requirements:

- 1) HCL Domino Complete Collaboration 11.0.1 Business Edition, also referenced herein as "CCB" and "Principal Program".
- 2) HCL Domino Complete Collaboration 11.0.1 External User, an add-on to CCB which is referenced herein as "CCX".

Domino Licensing model as of June 2023



- End of Jun 23 HCL announced the new licensing model for HCL Domino
 - EOM and EOS for Domino Utility Server and Domino Utility Express
 - **CCB** (complete Collaboration Business Edition)
 - **CCX** (complete Collaboration eXternal User)
 - CCB is the only license entitling customers to all Domino's features, updates, and supporting programs.
 - Following an adoption rate of over 70% for CCB licensing and with many more planning to move to CCB, we are making the **Domino License Analysis Utility (DLAU)** tool available to enable customers to perform a baseline count of the needed CCB/CCX entitlements for any Domino configuration and, at the same time, to perform a security "health check" on your Domino deployment.

From: <https://www.hcl-software.com/blog/domino/product-announcement-hcl-domino-license-simplification>

Domino Licensing model as of June 2023

- Away from server-only licensing (based on PVU) to user based licensing
- EOM (End of Marketing) for the part numbers in table: June 2023
- EOS (End of support) for the part numbers in table: June, 30 2024

Part Number	Part Number Description
D55MRL	HCL Domino Utility, Perpetual License & 12 Month S&S, Processor Value Unit
E0225LL	HCL Domino Utility, 12 Month S&S Renewal, Processor Value Unit
D1D1BLL	HCL Domino Utility Server, 1 Month Term License & S&S, Processor Value Unit
D55MVLL	HCL Domino Utility Express, Perpetual License & 12 Month S&S, Processor Value Unit
E0227LL	HCL Domino Utility Express, 12 Month S&S Renewal, Processor Value Unit
D18JXLL	HCL Domino Utility Express, 1 Month Term License & S&S, Processor Value Unit

From: <https://www.hcl-software.com/blog/domino/product-announcement-hcl-domino-license-simplification>

CCB License



- HCL Domino Complete Collaboration Business Edition (CCB) for B2E and B2C users
 - A simple “Per User *everything* model” – use **any** client and **any** protocol for **any** server capacity to run **all** applications – including enterprise **e-mail**.
 - Transparent license compliance management by simple user counting
 - All **new** Domino features are only included with CCB entitlements – e.g., from V12.0.2 *Nomad for Web Browsers* and *Domino REST APIs*
- Internal
 - CCB user (all employees or contractors in the enterprise)
- External
 - Guest user (unlimited anonymous browser access users)
 - Known Guest (unlimited registered users with read-only access)

From blog post Uffe Sorensen , Global Director of DS Strategy, HCL Software

<https://www.hcl-software.com/blog/domino/all-you-ever-wanted-to-know-about-domino-ccb-licensing-and-dlau-tool/>

CCX License



- For B2B (Business-to-Business) or advanced B2C scenarios, where the external users must fully engage in applications beyond the read/only access permitted for Known Guests, HCL introduced the CCX entitlement as an add-on for CCB-only environments.
- CCX users have full functionality (up to ACL level of “author”) to use Domino and Domino Leap (if installed) applications and workflows but cannot create applications themselves. CCX users do not have a personal mailbox but can use task/functional mail for workflow routing or applications generating mail.

From blog post Uffe Sorensen , Global Director of DS Strategy, HCL Software

<https://www.hcl-software.com/blog/domino/all-you-ever-wanted-to-know-about-domino-ccb-licensing-and-dlau-tool/>

Where to find details

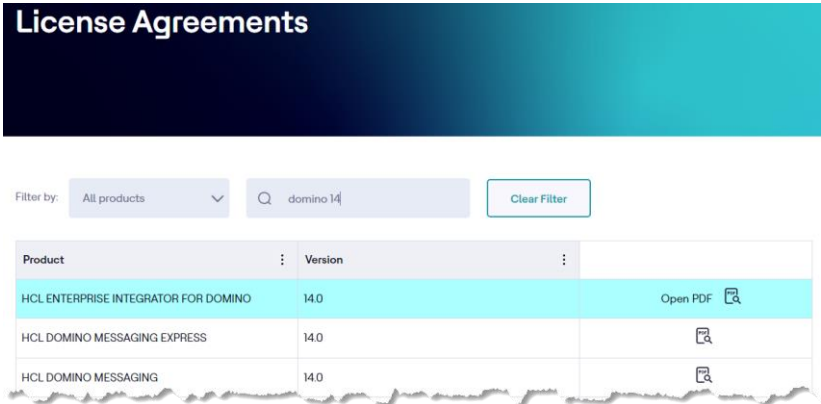
Good to know; resources about HCL License Agreements

License Agreements




- <https://www.hcl-software.com/resources/license-agreements?referrer=www.hcl-software.com>

Master Agreements

- <https://www.hcl-software.com/resources/master-agreements>



The screenshot shows a web interface titled "License Agreements". It features a search bar with the text "domino 14" and a "Clear Filter" button. Below the search bar is a table with the following data:

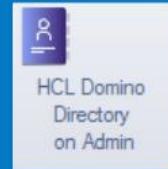
Product	Version	
HCL ENTERPRISE INTEGRATOR FOR DOMINO	14.0	Open PDF 
HCL DOMINO MESSAGING EXPRESS	14.0	
HCL DOMINO MESSAGING	14.0	

Introduction to DLAU – Domino License Analysis Utility (by HCL)



DLAU Overview

- This new utility will assist HCL Domino Administrators in determining your Authorized User Count within their HCL Domino environment
- Comes as a Notes template
- First Release 1.0.x from early 2023
- Latest Release 1.2.4 from April 2024
- **New releases quite frequently(22)**



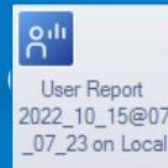
- Person documents
- Deny Access Groups
- Domino Server Settings



- Active Users per Domino server
- All Users per Domino server
- Protocols User by user



- User's ACL Level per Domino server
- Where the user has access
- How user has access (implicit/explicit)



- Based on "Entitlement Tracking"
- Manual deployment onto computer
- Works with Notes V9.x

— DLAU – Environment Scans



1 HCL Domino Server Environment Scan

- Scan for all HCL Domino servers
- Determines if servers are Online or Offline
- Makes "Observations" on the health of the HCL Domino servers
- Determines usage of License Tracking and Directory Assistance

HCL Domino Users Scan 2

- Scan for all Person documents across all Domino Directories
- Calculate Notes Certificate expiry
- Determine if user can use HTTP(S) applications
- List "Last Accessed" and "Protocols Used" from License Tracking system

3 Deny Access Group Usage and Membership Scan

- Locate Deny Access Groups used by the HCL Domino servers
- Validate Deny Access Groups existence
- Scan for Recursive Group usage
- List all members of the Deny Access Groups

Entitlement Tracking / User Report Scan 4

- Obtain highest Access Control Level to the HCL Notes applications
- List if ACL level is Implicit or Explicit
- Assists with differentiating between **CCB** and **CCX** licenses

DLAU Scan Results



HCL Domino License Analysis Utility (V1.2.3)

on do[redacted]

[Check for a new version](#)

Special Note: Running this utility directly on a HCL Domino will take approximately 3x as long to complete

- Scan Results
- User Information
- Deny Access Groups
- Observations
- Previous Results
- Scan Log
- Return to Wizard

Active	All 365 Days
Authorized Users 152	Authorized Users 152
CCB Users 152	CCB Users 152
Known Guest Users 5	Known Guest Users 5
Person Documents 176	Person Documents 176
Mail Users 112	Mail Users 112
Deny Access Groups 4	Deny Access Groups 4
Deny Access Users 0	Deny Access Users 0

[View Report](#)

Administration Server
do [redacted]

All Domino Servers in Environment

- al [redacted]
- al [redacted]
- cr [redacted]
- di [redacted]
- di [redacted]
- m [redacted]
- m [redacted]

Entitlement Tracking Enabled Servers

- an [redacted]
- cro [redacted]
- dor [redacted]
- dor [redacted]

Directory Assistance Information
Directory Assistance (da.nsf)

Additional Domino Directories

- Webuser NAB (cro [redacted])
- pana ID Check Directory (do [redacted].k.nsf)
- Webuser NAB (an [redacted].nsf)

Environment Observations

- The Deny Access Group named [redacted] appears to be missing from your Domino Directory
- The Deny Access Group named #-deny-servers has no Members listed
- The HCL Domino Server "apc [redacted]" is not properly secured for HTTP traffic
- The HCL Domino Server "ap [redacted]" is not properly secured for LDAP traffic

Special Note: there are **13** Security Observations within your environment. These will directly affect the proper Authorized user count. **You will need to correct these items and then re-run the scanning process again.**

Digital Signature

Signature	3U1d0U2FHUkhWV2xQYVVsNFRtazBkMDVETkhsTJFa3dTVVJGTUu5cVFUVIBhbEV1MwbHJSbFpkYw05cFRWUIZNMGXwZDB0SmEwWldUWHBaTVVscWlybE5WRIV6UMwbHJUa1JSY [redacted] Ww0VGx	Created On: 16.04.2024 14:09:44
	eEJiMmxSTUu [redacted] syU1dwQ	Created By: adr [redacted]
	iMmxSTUu1Wl [redacted] dwQmFVeEJiM	
	xUTUdOcfQyb [redacted] S1VWSkRTVFP	
	YWtVelRtEpjM [redacted] 1V10wazJ1V3BG20UxcPWT1KRnVADPvMmxSTR1MVRVTFpkYwWtWN	

DLAU Scan Results




- Runs from a Notes client
- Results in 45-120 minutes (depending on environment size)

Scan Results	Last Accessed	Full Name
152 ▾ CCB Users		
8 ▾ Certificate Expired Users		
5 ▾ Known Guest Users		
11 ▾ Unknown / Unlicensed Users		
176		

Scan Results	Last Accessed	Full Name	User Type	Highest ACL	Certificate Expiry ▾	Directory
152 ▾ CCB Users						
152 ▾ Full Server Access						
	04.2024	heiling.fund@panagenda	Client	Manager,Manager	01.07.2024	panagenda's Directory (dom-hub-01/panagenda names.nsf)
	04.2024	felix.vogel@panagenda	Client	Manager	01.07.2024	panagenda's Directory (dom-hub-01/panagenda names.nsf)
	04.2024	marc.fornes@panagenda	Client	Manager	01.07.2024	panagenda's Directory (dom-hub-01/panagenda names.nsf)
	04.2024	florian.roger@panagenda	Client	Manager,Manager	01.07.2024	panagenda's Directory (dom-hub-01/panagenda names.nsf)
	04.2024	g.hemo@_01.panagenda	Client	Manager	01.08.2025	panagenda's Directory (dom-hub-01/panagenda names.nsf)

DLAU License Report



YOUR LICENSE INFORMATION	
Authorized User Count	152 (152)
CCB License Count	152 (152)
CCX License Count	0 (0)
CCX Inactive Count	0 (0)
Known Guests Count	5 (5)
Mail User Count	112 (112)
Deny Access User Count	0
Person Document Count	176
Company	
HCL Account #	
Results Generated On	16.04.2024 14:09:44
Digital Signature	3U1d0U2FHUkhWV2xQYVVsnFRtazBkMDVETkhsTIJFa3dTVVJGTUU5cVFUV 

DLAU Summary



The Domino License Analysis Utility (DLAU) is a tool designed to help organizations track and manage their HCL Domino software licenses. It provides reports on license usage, ensuring compliance with HCL's licensing policies. DLAU supports both Complete Collaboration Business (CCB) and External User (CCX) licenses, helping administrators optimize license allocation and avoid over-purchasing.

- *“It is important to note that DLAU is **not** conducting a license audit, which is always an in-depth hindsight analysis. Instead, DLAU is creating a baseline to help you and HCLSoftware have a meaningful forward-looking conversation for your renewal or restart or move to CCB or Volt MX Go.”**

* <https://www.hcl-software.com/blog/domino/all-you-ever-wanted-to-know-about-domino-ccb-licensing-and-dlau-tool>

- Since Domino 14.0 license agreement:

At HCLSoftware’s request, Licensee must present a Domino License Analysis Utility (“DLAU”) report to substantiate needed licensed capacity prior to HCLSoftware’s acceptance of an Order for entitlements or Support renewal.

DLAU: How to get it!?

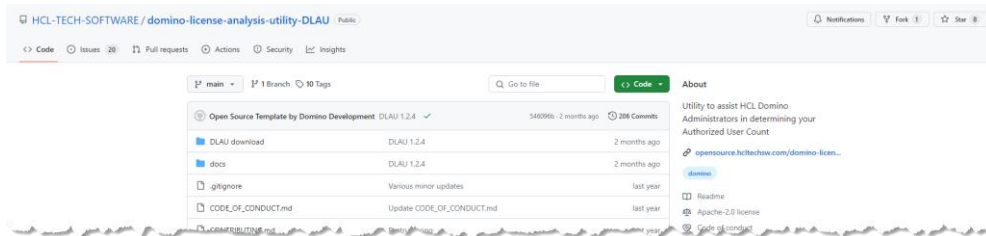
DLAU documentation:

- <https://opensource.hcltechsw.com/domino-license-analysis-utility-DLAU/>



DLAU download and github repository

- <https://github.com/HCL-TECH-SOFTWARE/domino-license-analysis-utility-DLAU>

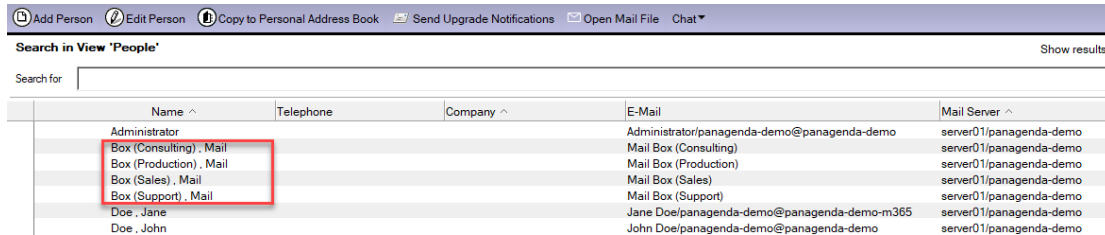


Optimization Scenarios



Not a rare customer situation

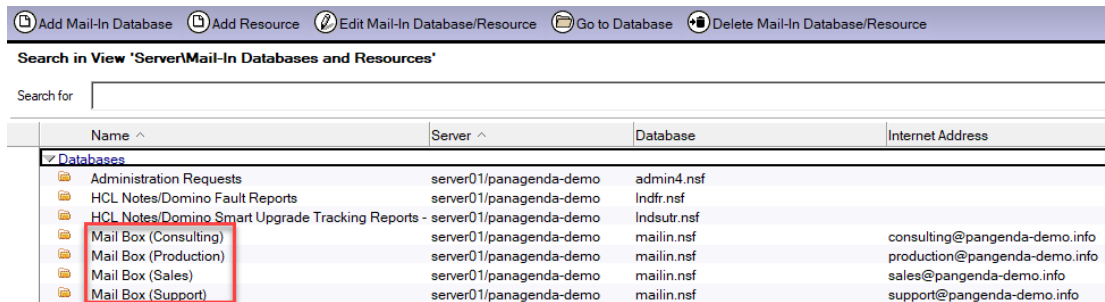
- Person documents in conjunction with functional mailboxes



Name ^	Telephone	Company ^	E-Mail	Mail Server ^
Administrator			Administrator panagenda-demo@panagenda-demo	server01 panagenda-demo
Box (Consulting) - Mail			Mail Box (Consulting)	server01 panagenda-demo
Box (Production) - Mail			Mail Box (Production)	server01 panagenda-demo
Box (Sales) - Mail			Mail Box (Sales)	server01 panagenda-demo
Box (Support) - Mail			Mail Box (Support)	server01 panagenda-demo
Doe, Jane			Jane Doe panagenda-demo@panagenda-demo-m365	server01 panagenda-demo
Doe, John			John Doe panagenda-demo@panagenda-demo	server01 panagenda-demo

vs.

- Mail-In Databases with no functional mailboxes in the person doc's



Name ^	Server ^	Database	Internet Address
Administration Requests	server01 panagenda-demo	admin4.nsf	
HCL Notes/Domino Fault Reports	server01 panagenda-demo	Indfr.nsf	
HCL Notes/Domino Smart Upgrade Tracking Reports -	server01 panagenda-demo	Indstr.nsf	
Mail Box (Consulting)	server01 panagenda-demo	mailin.nsf	consulting@panagenda-demo.info
Mail Box (Production)	server01 panagenda-demo	mailin.nsf	production@panagenda-demo.info
Mail Box (Sales)	server01 panagenda-demo	mailin.nsf	sales@panagenda-demo.info
Mail Box (Support)	server01 panagenda-demo	mailin.nsf	support@panagenda-demo.info

Understanding Authorized Users

Simplified: users who can authenticate

- Have a valid certificate
- or
- Have an Internet Password set



Therefore (again, simplified): remove the users' ability to authenticate and they will not be counted by DLAU.

Understanding Authorized Users

Simplified: users who can authenticate

- Have a valid certificate
- or
- Have an Internet Password



THIS IS NOT ABOUT CHEATING/GAMING THE SYSTEM

DO NOT TRY TO ABUSE IT!!!

Therefore: remove the users' ability to authenticate and they will not be counted by DLWS

Identifying Optimization Candidates

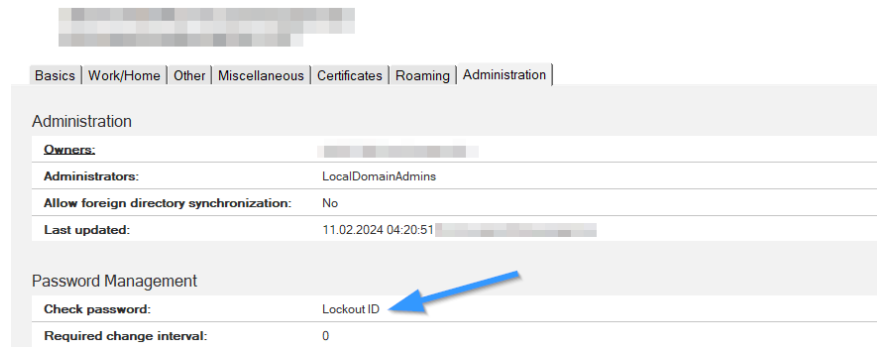


- This is not about proving DLAU wrong or trying to replace it
- This is not about “counting more accurately”
- DLAU is improving rapidly, so any current issues might soon be resolved
- Our goal is to provide transparency so our customers can verify they are only paying for what they are supposed to be paying for

Identifying Optimization Candidates

Areas to consider:

- Recursive Deny Access memberships
- Person Document “Lockout ID”
- Opportunity: Last user activity
- Check: ACL Managers
- Check: Agent Signers



Basics | Work/Home | Other | Miscellaneous | Certificates | Roaming | Administration

Administration

Owners:	[Redacted]
Administrators:	LocalDomainAdmins
Allow foreign directory synchronization:	No
Last updated:	11.02.2024 04:20:51 [Redacted]

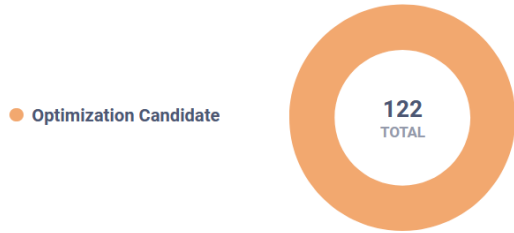
Password Management

Check password:	Lockout ID
Required change interval:	0

Identifying Optimization Candidates



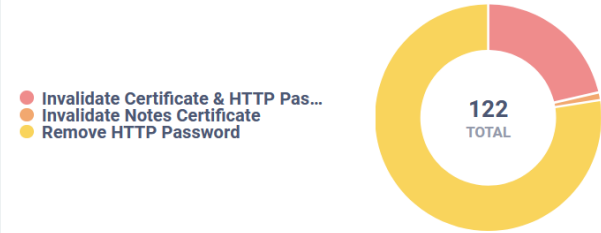
User Category Overview



User Category Detail



Authorization Removal Action



Users List [Open this dashboard in Metabase to use links in this list]

Username ^	Category ^	Authorization Removal Action ^	DLAU License Requirement ^	Last Activity Date ^	User Is ACL Manager ^	User Is Agent Signer ^	Count Deny Access Group Memberships	ID Lockout [Person
04ac14cefa922a02f2dcf98f/panagenda	Optimization Candidate (Inactive >90 days)	Remove HTTP Password	CCB	-	false	false	-	false
05308b805cd8c64e4706d294/panagenda	Optimization Candidate (ID Lockout & Deny Access)	Remove HTTP Password	CCB	Apr 1, 2019	false	false	8	true
05652024496e28b8b60c1025/panagenda	Optimization Candidate (Inactive >90 days)	Invalidate Certificate & HTTP Password	CCB	-	false	false	-	false
0586c8a42874b931db169058/panagenda	Optimization Candidate (ID Lockout & Deny Access)	Remove HTTP Password	CCB	Oct 30, 2021	false	false	8	true
0c9de360344c1c9f4f73b39b/panagenda	Optimization Candidate (Inactive >90 days)	Remove HTTP Password	CCB	-	false	false	-	false
11e919b3561dccb45c63fc/panagenda	Optimization Candidate (Inactive >90 days)	Invalidate Certificate & HTTP Password	CCB	Nov 24, 2022	false	false	-	false
1288dcba73b9727c7dbf2e16/panagenda	Optimization Candidate (Inactive >90 days)	Remove HTTP Password	CCB	-	false	false	-	false
17ef3fd79cf71d155e604ce0/panagenda	Optimization Candidate (Inactive >90 days)	Remove HTTP Password	CCB	-	false	false	-	false
1c3861c60986e9a430fb2da1/panagenda	Optimization Candidate (ID Lockout & Deny Access)	Invalidate Certificate & HTTP Password	CCB	Jun 20, 2023	true	false	8	true
1d060cd393d14a8efe4f1ba7/panagenda	Optimization Candidate (ID Lockout & Deny Access)	Invalidate Certificate & HTTP Password	CCB	-	false	false	8	true

Removing Authorization

Remove Fields in Person Document

- “HTTPassword”
- “Certificate”
- Via agent, 3rd party dev tools
or panagenda Document Properties Pro



**A resizable, searchable replacement for
the HCL Notes properties dialog.**

How panagenda can help!

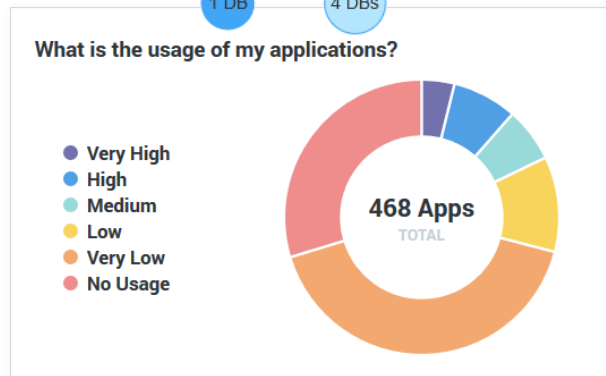
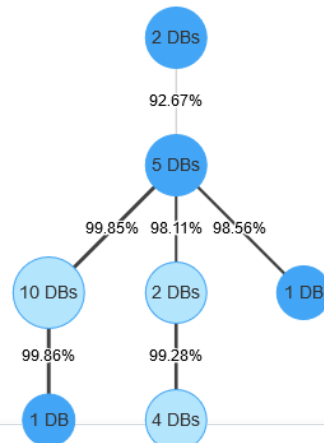
(panagenda solutions)





- Environment Insights

- Usage of applications (Notes Client / Web)
- Design complexity and similarity
- Source code analysis
- Content analysis
- License optimization



- Key Benefits
 - Consolidation & optimization potential
 - Basic information for effort estimates
 - Facts for risk assessments
 - Better decisions, based on facts



iDNA Applications

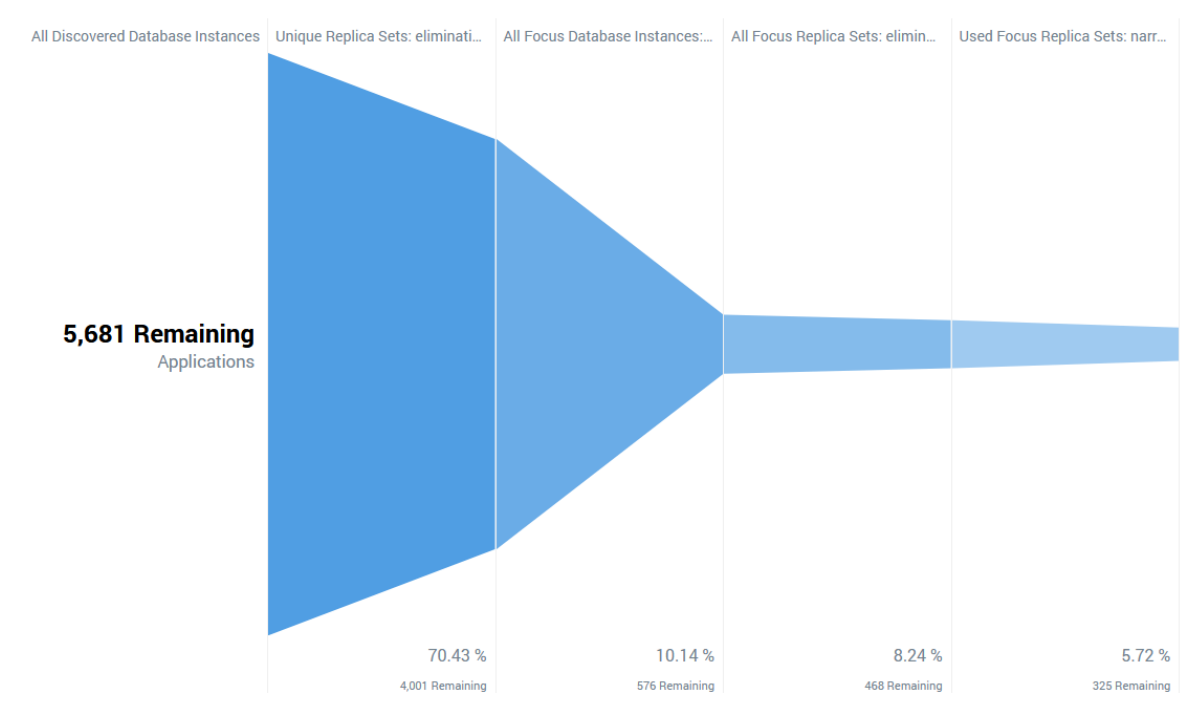
- Virtual Appliance collects datapoints
 - includes Data Warehouse, Web Server, etc.
 - Turnkey solution
(based on Docker-ized Containers)
- Your data stays on prem!



iDNA Applications



Reducing the project scope by focusing on the right applications. | Mouse over segments of the funnel for details.



94% Reduction
of Project Scope

330 Active
Used Focus Replica Sets
↑ 16% - was 285 Active last month

- [Continue to Focus Replica Sets](#)
- [Continue to Usage Summary](#)
- [Continue to Database Inventory](#)

IFA Sandbox



The screenshot shows the panagenda website's contact page. At the top, there is a navigation menu with 'Products', 'Services', 'Resources', and 'Company'. Below the menu is a large background image of hands typing on a laptop. On the left side, there is a large QR code. To the right of the QR code, the text reads 'Get started in less than 2 minutes.' Below this text are three icons with labels: a clipboard for 'Fill in form', a padlock for 'Set password', and a computer monitor for 'Login & go!'. At the bottom of this section, it says 'Fasten your seatbelt and be prepared to transform Notes/Domino.' On the right side of the page, there is a 'Your Information' form with fields for 'First Name *', 'Last Name *', 'Telephone *', 'Business email *', and 'Company Name *'. There are also two checkboxes for consent and a 'Submit' button. A small note at the bottom of the form says 'If you are unable to see this form, temporarily turn off your ad-blocking applications.'

<https://www.panagenda.com/contact/contact-sandbox-idna>



Understand Your Licensing



- You have to understand the new [HCL Domino License Analysis Utility \(DLAU\)](#) tool results
 - Why are some of my “external” users being counted as CCB instead of CCX?
 - Why are some of my Deny Access groups not being recognized?
 - Do I have databases with ACL settings that skew the results?
- SecurityInsider has new scanning capabilities and views that can help

DISCLAIMER: SecurityInsider is NOT a replacement for DLAU, but it can provide insights to help you understand your environment



- panagenda product (successor of GroupExplorer)
- Domino application (comes as ntf)
- Scans directory(ies)
 - Users
 - Groups
- Resolves groups
- Scans DB ACLs

panagenda SI

<<< Charts >>>

- Group Analysis
- Database ACL Analysis
- Endpoint Analysis
- DLAU & Licensing
 - Highest User Access Levels
 - Database Default Access
 - Deny Access
 - Groups
 - Endpoints
 - Database ACL Cleanup
- Self-created Folders
- Maintenance / Admin.
- Advanced
- Information

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henning.kunz/pa

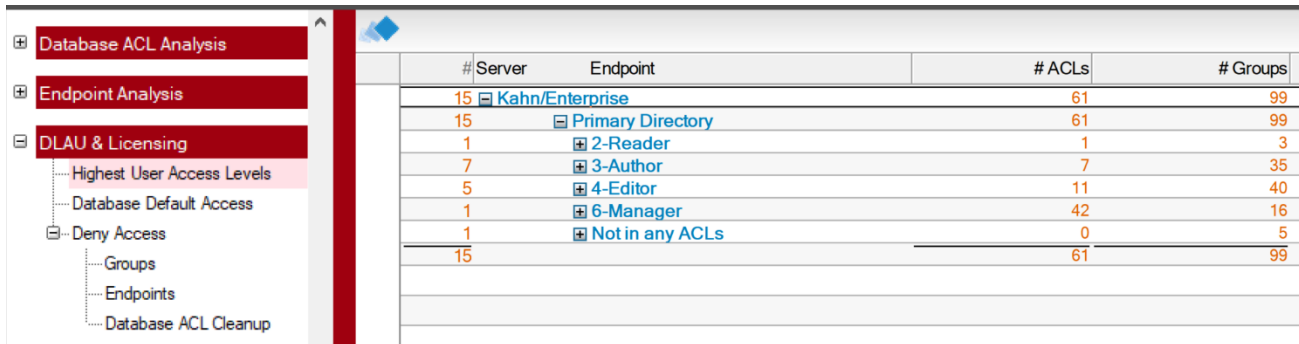
Search in View 'DLAU User Access by Server'

Search for

#	Server	Endpoint	# ACLs	# Groups
104		c:\windows\system32\cmd.exe	9 851	4 536
104		Primary Directory	9 851	4 536
1		3-Author	6	18
95		6-Manager	8 218	3 785
8		Not in any ACLs	1 627	733
104			9 851	4 536

Highest Access Levels for All Users

- Easily see the highest access level for all users
 - Split between primary and secondary directory users, for CCX license checks
 - Highest access across all databases on the server
 - Opening an Endpoint document shows what group structure gives the user that access, and which database(s) it applies to

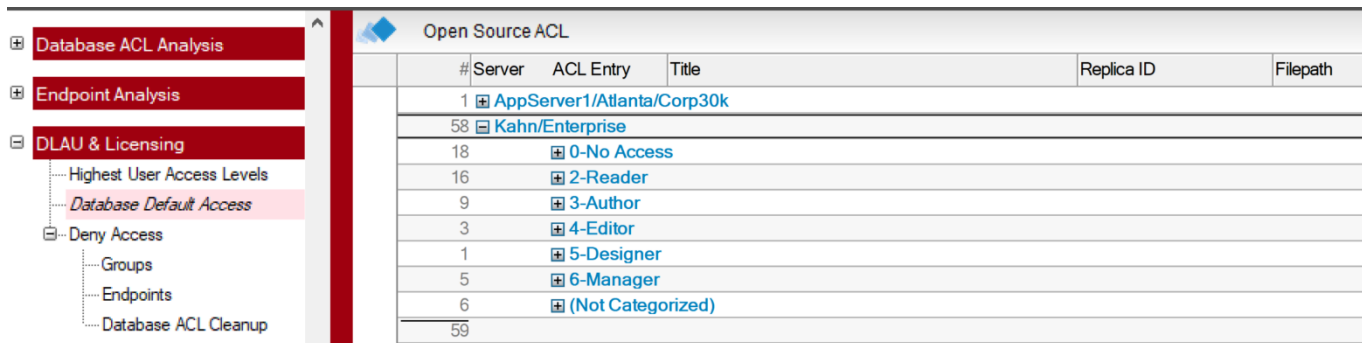


The screenshot shows a software interface with a tree view on the left and a data table on the right. The tree view includes categories like 'Database ACL Analysis', 'Endpoint Analysis', and 'DLAU & Licensing'. Under 'DLAU & Licensing', 'Highest User Access Levels' is selected and highlighted in pink. The data table has four columns: '# Server', 'Endpoint', '# ACLs', and '# Groups'. It lists various endpoints and their associated ACL counts and group counts.

# Server	Endpoint	# ACLs	# Groups
15	Kahn/Enterprise	61	99
15	Primary Directory	61	99
1	2-Reader	1	3
7	3-Author	7	35
5	4-Editor	11	40
1	6-Manager	42	16
1	Not in any ACLs	0	5
15		61	99

Default Database Access

- Get a list of all the databases on a server with Default access at or above a certain level

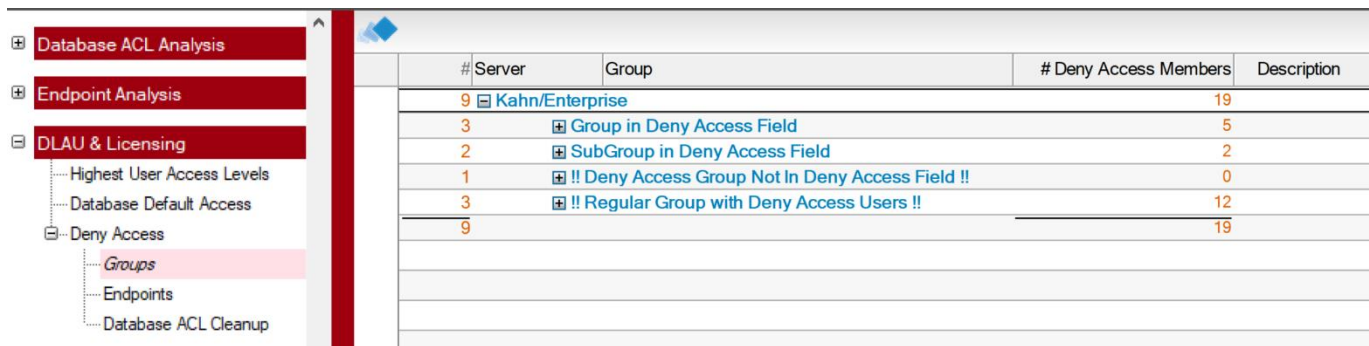


The screenshot shows the 'Open Source ACL' tool interface. On the left is a tree view with the following items: Database ACL Analysis, Endpoint Analysis, DLAU & Licensing (expanded), Highest User Access Levels, Database Default Access (highlighted in pink), Deny Access, Groups, Endpoints, and Database ACL Cleanup. The main area displays a table of ACL entries.

#	Server	ACL Entry	Title	Replica ID	Filepath
1	AppServer1/Atlanta/Corp30k				
58	Kahn/Enterprise				
18		0-No Access			
16		2-Reader			
9		3-Author			
3		4-Editor			
1		5-Designer			
5		6-Manager			
6		(Not Categorized)			
59					

Deny Access Groups

- See which users are in Deny Access groups, and whether those groups are included on the Server document's "Not Access Server" field
 - Also see which users are in both Deny Access groups AND other (regular) groups, you might want to remove those users from the regular groups



# Server	Group	# Deny Access Members	Description
9	Kahn/Enterprise	19	
3	Group in Deny Access Field	5	
2	SubGroup in Deny Access Field	2	
1	!! Deny Access Group Not In Deny Access Field !!	0	
3	!! Regular Group with Deny Access Users !!	12	
9		19	

Differences Between SecurityInsider and DLAU



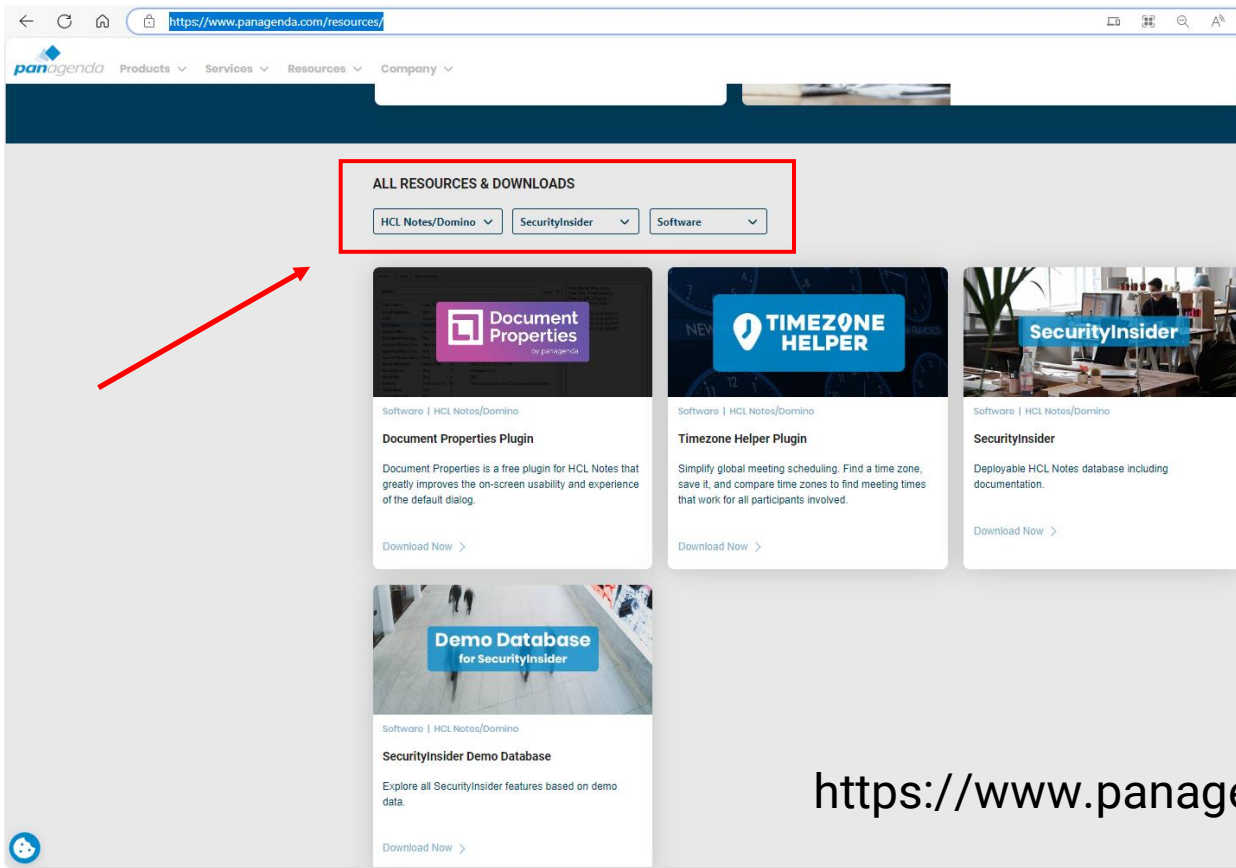
- Secondary Directories (as of 5 Dec 2023)

SecurityInsider	DLAU
Secondary directory in Directory Assistance (da.nsf) marked "Enabled: Yes" and "Group Authorization: Yes"	All directories in Directory Assistance (da.nsf), even those marked "Enabled: No"

- Deny Access Groups/Users (as of 5 Dec 2023)

SecurityInsider	DLAU
All users, groups, and subgroups in the "Not Access Server" field of the server document	Some combination of: <ul style="list-style-type: none">• Groups in the "Not Access Server" field• Users without Internet passwords• Users with expired Notes certificates• "Enforce server access settings" fields (LDAP and HTTP) on the server document
	Does not include explicit users and wildcard groups in "Not access server" field

Security Insider Trial or Demodatabase



ALL RESOURCES & DOWNLOADS

HCL Notes/Domino SecurityInsider Software

Document Properties
Software | HCL Notes/Domino
Document Properties Plugin
Document Properties is a free plugin for HCL Notes that greatly improves the on-screen usability and experience of the default dialog.
Download Now >

TIMEZONE HELPER
Software | HCL Notes/Domino
Timezone Helper Plugin
Simplify global meeting scheduling. Find a time zone, save it, and compare time zones to find meeting times that work for all participants involved.
Download Now >

SecurityInsider
Software | HCL Notes/Domino
SecurityInsider
Deployable HCL Notes database including documentation.
Download Now >

Demo Database for SecurityInsider
Software | HCL Notes/Domino
SecurityInsider Demo Database
Explore all SecurityInsider features based on demo data.
Download Now >



<https://www.panagenda.com/resources>

Let's summarize

- **Understand Licensing Requirements**
(CCB, CCX, Guests)
- **Person documents and mail-in documents**
(be aware of the impact of the differences, license wise)
- **Leverage the Domino License Analysis Utility**
(Utilize the DLAU tool to regularly analyze and report on license usage.)

Let's summarize

- **Maximize Value with Included Supporting Programs (CCB)**
 - HCL Domino
 - HCL Domino Designer
 - HCL Domino Leap (limited to five applications running in production)
 - HCL Domino REST APIs
 - HCL Nomad for iOS and Android
 - HCL Nomad for Web Browsers
 - HCL Notes
 - HCL SafeLinx
 - HCL Sametime Limited Chat
 - HCL Traveler
 - HCL Traveler for Microsoft Outlook
 - HCL Verse
 - OnTime Group Calender
 - **MarvelClient Essentials**

One last thing / „AI is all around“

HCL Domino Guide ▾



You

Hey HCL Domino Guide, briefly introduce yourself.



HCL Domino Guide

Hello, I am your HCL Domino Guide, specialized in providing information about the HCL Domino platform. My focus is on technical aspects of administration, installation, troubleshooting, and development within Domino, including coding in Domino Designer. I also offer guidance on handling CCB and CCX licenses using the Domino License Analysis Utility (DLAU) tool. My responses are concise, accurate, and technically focused to assist you with any queries related to HCL Domino.

If you have any specific questions or need assistance on any particular topic, feel free to ask!





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THANK YOU!



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SCAN ME