# The Problem: *Accurate* Authorized User Counts

Obtaining accurate Authorized User Counts in an HCL Domino environment has always been very difficult and time consuming.

The information is stored across multiple areas of the HCL Domino environment, making it a very difficult task.
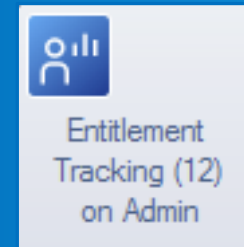
When an HCL Domino Administrator is tasked to perform this analysis using the data within the Domino environment, it normally takes weeks of effort.
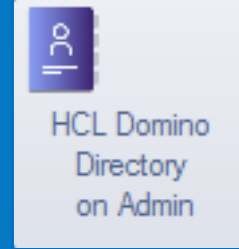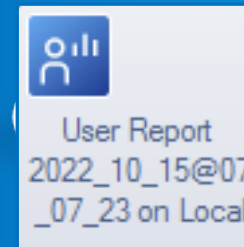
HCL Domino Directory on Admin
- Person documents
- Deny Access Groups
- Domino Server Settings
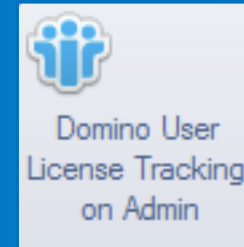
Domino User License Tracking on Admin
- Active Users per Domino server
- All Users per Domino server
- Protocols User by user

Entitlement Tracking (12) on Admin
- User's ACL Level per Domino server
- Where the user has access
- How user has access (implicit/explicit)

User Report 2022_10_15@07_07_23 on Local
- Based on "Entitlement Tracking"
- Manual deployment onto computer
- Works with Notes V9.x

Introducing the HCL Domino License Analysis Utility

This new utility will assist HCL Domino Administrators in determining your Authorized User Count within their HCL Domino environment.
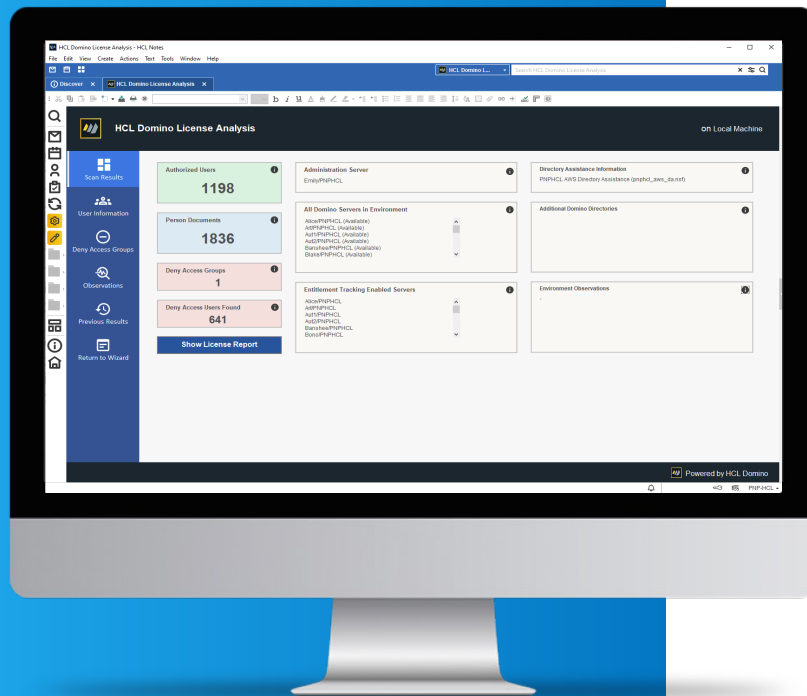
HCL Domino Administrators will no longer need to scour though all the different systems to determine who their Authorized Users are!

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HDLA – Ease of Use

The HCL Domino User License Analysis utility is simple to deploy and use:

- Provided as a HCL Notes application (.NSF)

- Runs from a user's HCL Notes client

- Compatibly with Notes V8.5x and above

- Will not "lock" the user's HCL Notes client

- Results will be provided within 45 – 120 minutes (approx.)

- Can be run multiple times

- User can compare Current and Previous results

HDLA – 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

2 — HCL Domino Users Scan
- 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

4 — Entitlement Tracking / User Report Scan
- Obtain highest Access Control Level to the HCL Notes applications
- List is ACL level is Implicit or Explicit
- Assists with differentiating between **CCB** and **CCX** licenses

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HCL Domino License Analysis Utility Summary of Benefits

Fast and Accurate

Results of the analysis are provided same day. No more manual analysis that takes days/weeks to complete.

No Changes to HCL Domino Servers

The utility runs from a HCL Domino Administrators client. No changes are made to the HCL Domino server environment at all.

Provides Observations for HCL Domino Servers

During the scanning process, various Observations on the health and configuration of the HCL Domino servers are captured. These Observations can assist you in ensuring the health and security of your HCL Domino servers.

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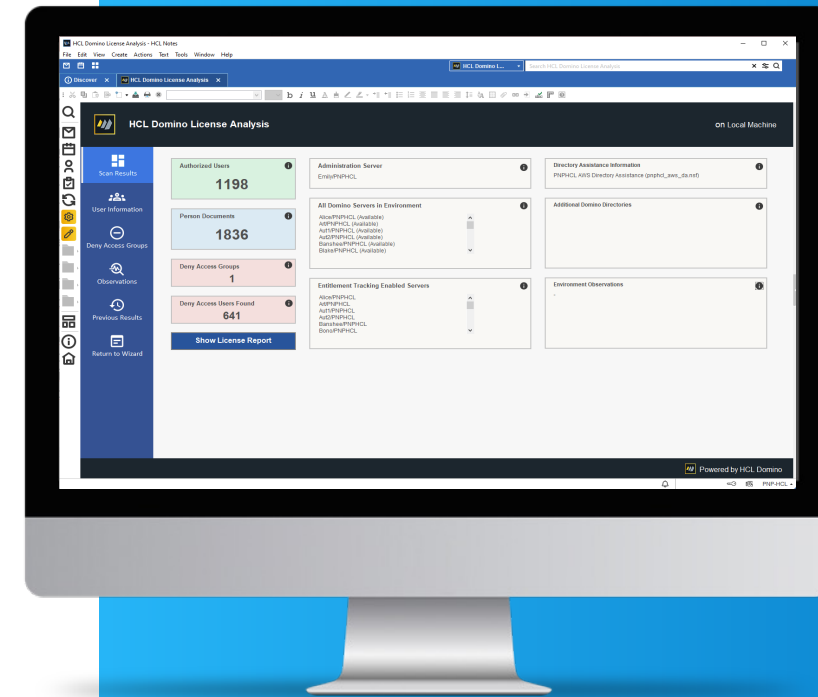
Frequently Asked Questions / Objections

- **"I am not allowed to introduce any new features / functionality to my Production HCL Domino servers"**

  - This utility does not require any additional functionality to be added to ANY HCL Domino servers. It runs completely on the local drive of the HCL Domino Administrator who is running the utility

- **"If this is a Licensing Audit, I will need to involve our legal / compliance team(s)"**

  - This utility is not an audit tool. It is meant to automate the manual processes that the HCL Domino Administrator would need to perform in order to obtain the same results. This utility will perform the same analysis that the HCL Domino Administrator would have to perform, but with 100% accuracy.

- **"I do not have the time to 'Babysit' this type of analysis. I have a lot of things to do."**

  - The scans within the utility run in a background task. The user's Notes Client can be used as normal during the scanning processes. The user only needs to "check in" periodically to see if the current scan is complete and to progress to the next scan.

- **"How long will the process take?"**

  - 1 - 3+ hours, depending on the number of Person documents and HCL Domino servers in the environment. For example, a small deployment (~200 users) will take 45 minutes, medium deployments (~5000 users) will take under 2 hours.

- **"How do I provide you with the results?"**

  - Within the "Scan Results" page, there is a button labeled "View Printable Result". When that is clicked, you will be presented with a printable report that you can send to HCL as a PDF (Print to PDF and then send to HCL).

- **"How accurate are the results of the scans?"**

  - Our early adopters of the utility are reporting a 96% accuracy. The 4% generally are seen to be special Administration or Design Signing users.

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