

Release Notes v3.1.0

panagenda is proud to announce this new release of iDNA Applications. Whether you're in a Notes/Domino modernization or migration project, iDNA gives you the knowledge to deliver the most difficult projects efficiently, on time and on budget.

This new version is a feature update for the critical milestone release 3.0.0. It requires panagenda's new base operating system Alma Linux.

Critical Update

Our previous operating system CentOS Linux 7 has reached end of life (EOL) on June 30, 2024. Please see the [official announcement by Red Hat](#) for more details.

panagenda provides new virtual images based on Alma Linux 9, a RHEL based open source Linux distribution. We encourage all customers to migrate their installations to the new virtual image.

Compatibility Warning

From version 3.0.0 onward, iDNA Applications upgrade packages will not be backward compatible with the previous CentOS-based appliances. Please deploy a new v3 Alma Linux appliance to continue benefiting from iDNA's latest and greatest features!

For a how-to on migrating your existing system and data please visit our [iDNA Version 2 to Version 3 Migration Guide](#).

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New Features

Explore Insights Findings and Code Blocks

New code Insights and analyzing their findings is a big focus in iDNA v3.0.0. With the new features in this version, we aim to make that even better by introducing overall performance improvements and several new dashboards to work with the results.

- **Dashboard: Insights Findings by Code Element in Database**

This dashboard has drastically improved performance and functionality. Not only does it now indicate if the database is similar to a standard template, it also allows drilling down into details and occurrences of a code block.



- **Dashboard: Insights Findings by Unique Code Block**

This new dashboard is essentially a list of code blocks ranked by their impact on the environment with regards to terms of Insights Findings. Imagine you are preparing for the Notes 64-bit client migration. This dashboard makes it very easy to compile a list of code blocks that needs to be investigated and possibly re-developed.

Insights Findings Overview by Code Hash ID

| Code Block Drill-Down | Code Block Occurrences | Replica Sets Affected | DB Instances Affected | Ruleset Matches | Finding Matches |
|-------------------------|------------------------|-----------------------|-----------------------|--|----------------------------------|
| Explore Hash ID 13,968 | 61 166 | 61 | 90 | Specific Code Findings | Use of Script Libraries |
| Explore Hash ID 10,224 | 15 360 | 62 | 91 | Specific Code Findings | Use of Script Libraries |
| Explore Hash ID 6,219 | 11 010 | 49 | 76 | Notes 64bit Readiness, Operating System Dependencies, Specific Code Findings, Web Design | Con: Code interacting with Notes |
| Explore Hash ID 158,367 | 8 096 | 121 | 171 | Cloud Readiness, Dependencies on other Databases | Dependencies on other database |
| Explore Hash ID 151,816 | 8 008 | 59 | 88 | Cloud Readiness, Dependencies on other Databases | Dependencies on other database |
| Explore Hash ID 65,168 | 7 916 | 121 | 171 | Cloud Readiness, Dependencies on other Databases | Dependencies on other database |
| Explore Hash ID 8,574 | 7 792 | 44 | 69 | Specific Code Findings, Web Design | Con: Code interacting with Notes |
| Explore Hash ID 95,864 | 7 308 | 51 | 80 | Web Design | Con: Code interacting with Notes |
| Explore Hash ID 148,250 | 5 469 | 52 | 81 | Cloud Readiness, Special Interfaces, Web Design | Con: LS Buttons and ActionHotSt |
| Explore Hash ID 72,763 | 5 106 | 50 | 77 | Cloud Readiness, Special Interfaces, Web Design | Con: LS Buttons and ActionHotSt |
| Explore Hash ID 18,740 | 5 100 | 51 | 80 | Mail Dependencies, Web Design | Con: Code interacting with Notes |
| Explore Hash ID 105,143 | 5 100 | 51 | 80 | Mail Dependencies, Web Design | Con: Code interacting with Notes |

Collecting and Analyzing Profile Documents

Several have been made in this version regarding the collection and analysis of Profile Documents (PD). Please note that PD collection still needs to be enabled manually. See this [knowledge base article on setting up and configuring profile document collection](#). PD collection was previously tied to design collection. With this new version, the two have been somewhat separated, so profile documents can now be updated periodically independent on design. See configuration options regarding this in the above-linked article as well.

Dashboard: Catalog Profile Documents

This new dashboard provides the ability to search through PD content across servers and databases.

Profile Documents Search Result

| Title | File Name | Server Name | Document Name | Field Name | Field Value | Last Updated By | Latest Revisio |
|--------------|-----------------|-------------|-------------------------------|--------------------------|--|-----------------|-----------------|
| IDNA Example | test/idnaex.nsf | | \$profile_01Sarchive profile_ | ArchiveLocation | Server | | Fri, Oct 18, 20 |
| IDNA Example | test/idnaex.nsf | | \$profile_01Sarchive profile_ | ArchiveLogDBPath | archiveU_idnaex.nsf | | Fri, Oct 18, 20 |
| IDNA Example | test/idnaex.nsf | | \$profile_01Sarchive profile_ | ArchiveVersion60 | 6.0 | | Fri, Oct 18, 20 |
| IDNA Example | test/idnaex.nsf | | \$profile_01Sarchive profile_ | SourceDBReplicaID | 2013-10-18T11:46:10Z | | Fri, Oct 18, 20 |
| IDNA Example | test/idnaex.nsf | | \$profile_01Sarchive profile_ | ArchProfilesToCopy | ["notesprofile", "calendarprofile", "Sshimmerid", "DOLSOOfflineConfiguration"] | | Fri, Oct 18, 20 |
| IDNA Example | test/idnaex.nsf | | \$profile_01Sarchive profile_ | PROTECTFROMARCHIVE | 1 | | Fri, Oct 18, 20 |
| IDNA Example | test/idnaex.nsf | | \$profile_01Sarchive profile_ | ArchiveOnClientOrServer | 1 | | Fri, Oct 18, 20 |
| IDNA Example | test/idnaex.nsf | | \$profile_01Sarchive profile_ | ArchivePrivatePolicyList | ["Default for Last Modified", "Default for Expired"] | | Fri, Oct 18, 20 |
| IDNA Example | test/idnaex.nsf | | \$profile_01Scalendarprofile_ | SName | \$profile_01Scalendarprofile_ | | Sun, Oct 20, 2 |
| IDNA Example | test/idnaex.nsf | | \$profile_01Scalendarprofile_ | CalURLs | "myNotesCalendar/calendar white.png(185,211,238)(0,0)1 | | Sun, Oct 20, 2 |
| IDNA Example | test/idnaex.nsf | | \$profile_01Scalendarprofile_ | SNoPurge | | | Sun, Oct 20, 2 |
| IDNA Example | test/idnaex.nsf | | \$profile_01Scalendarprofile_ | SRevisions | 2013-10-20T19:47:52Z, 2013-10-20T19:47:52Z, 2013-10-20T19:47:52Z | | Sun, Oct 20, 2 |

Improvements

LDAP Login across all UI components: All UI components (user portal, config interface, DataMiner and Metabase) can now be configured to work with LDAP credentials. Previously, the config interface and DataMiner could not be accessed via configured LDAP credentials.

Metabase Links: Many links embedded Metabase dashboards are now clickable without first opening the dashboard in Metabase. As many dashboards get more and more interactive, we are aiming to improve the experience with drill-down capabilities. However, with certain specialized dashboards, you need to open them directly to access the full drill-down and drill-through capabilities, as some features are not available in embedded Metabase dashboards.

Bug Fixes

Dashboard Display: A bug has been fixed that would lead to issues with displaying embedded Metabase dashboards resulting in the message "Unauthenticated / Not Found".

DWH Configuration: A bug prevented the PostgreSQL auto-tuning feature from working properly and the RDB would always use un-tuned default configuration parameters. Now that this has been fixed, the Postgres container will automatically adapt tuning parameters according to available memory.

Weblog File Collection: An issue has been resolved that would lead to problems when collecting web logs from files. This issue did not affect collection from domlog.nsf via Notes channels.

Structural Changes / Upgrade Path

Data Warehouse Rebuild Required



DWH Rebuild Required

After installing the update, parts of the application may not be available until the data warehouse is rebuilt. This process runs automatically at night, but can be triggered manually after the update. On the first login after the installation, more information on this topic will be displayed, along with the option to trigger the rebuild.

Upgrade Procedure: Container Installer

Details on how to update to this new version can be found in the knowledge base article [Upgrading iDNA Applications](#).

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