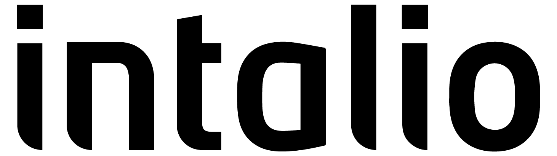
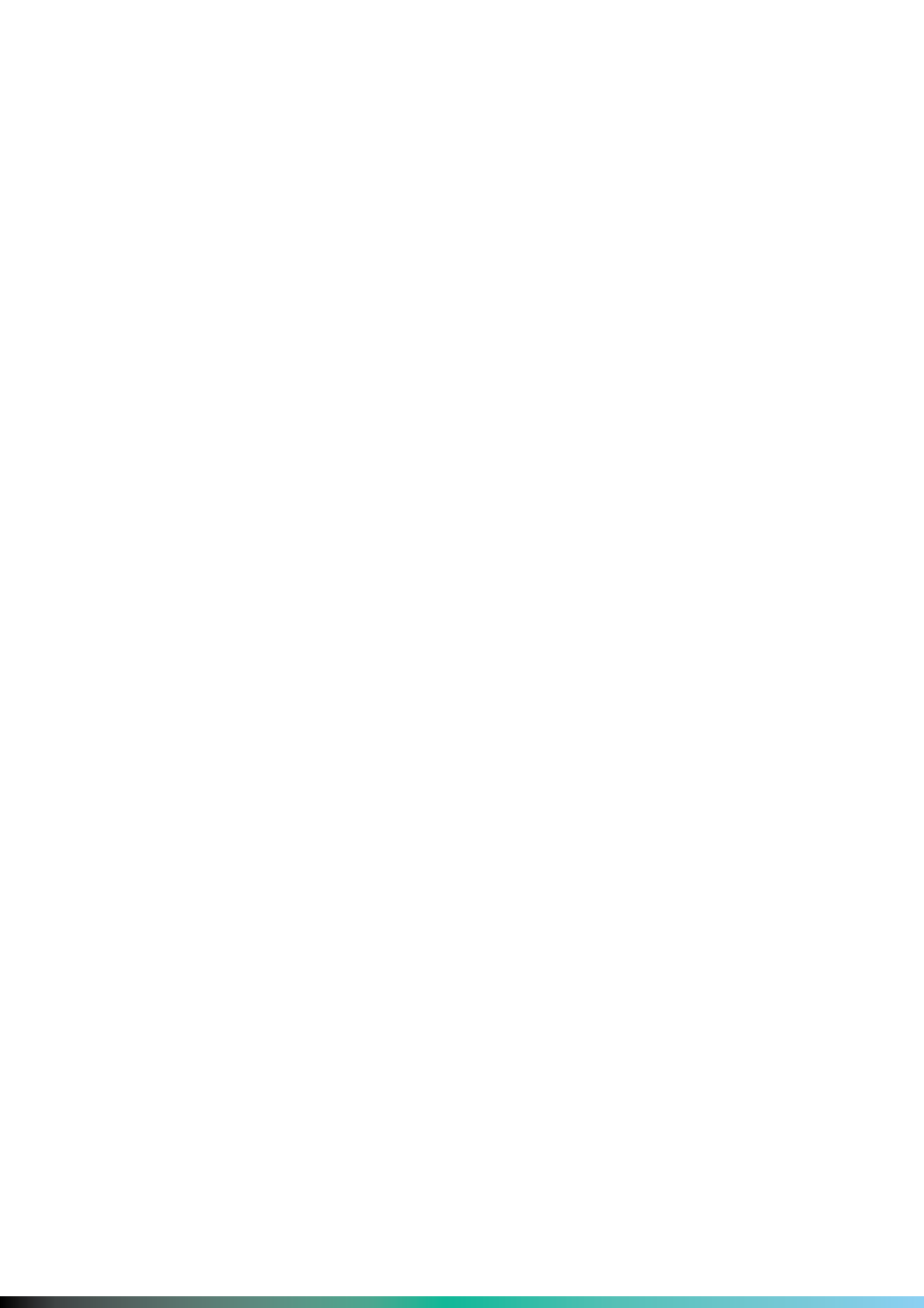
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Intalio IAM

Release Notes (EN)

**Vision.**

Making business simple by connecting people, processes and content.

Intalio is an international software provider with 30 years of innovation in the field of Content and Process Services. By combining cutting-edge technologies with AI and Machine Learning to introduce advanced Line of Business solutions, Intalio managed to become a trusted leader in Digital Transformation across the US, Europe, and the MENA region.

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1. Release v3.8.0

An update to the Intalio IAM was released on date 30 November 2023.

* 1. Considerations

An updated version of the Developer Guide.pdf has been released, providing detailed instructions on developing the custom grant type provider.

* 1. New Features

1. **Custom Grant Type Providers**

* What's new?

Custom grant type provider section is a new login provider added to Login providers' section.

* Why added?

Allows generating IAM token from external token.

* For?

Admin.

* Reference guide:

Intalio IAM - Admin guide, refer to section custom grant type provider.

* 1. Enhancements
* Added two new APIs ListAllGroupsByApplication and ListAllRolesByApplication.
  1. Patch

A patch to the Intalio IAM was delivered on 7 December 2023.

* + 1. Bug Fixes
* If two users exist within the same two structures and the SearchUsersByStructureIds API is executed, passing the IDs of both structures will result in the users being displayed twice in the response.

1. Release v3.7.0

An update to the Intalio IAM was released on date 3 October 2023.

* 1. Enhancement

Security fixes including the following:

* Upgrade moment JS library.
* Upgrade HighChart library.
* Login page shows isInvalid alert that prevents XSS injection.
* Forget password includes a fix for "Username enumeration" security threat, in case the user exists or not, IAM will display an “email was sent notification” instead of invalid login or user does not exist.
  1. Patches

A patch to the Intalio IAM was delivered on 5 October 2023.

* + 1. Enhancements
* Swagger Interface is only accessible by users who have administrator role.

1. Release v3.6.0

An update to the Intalio IAM was released on date 3 August 2023.

* 1. Enhancements
* The OIDC provider can now be defined using one of the following methods:
  + Filling the Metadata address.
  + Manually specifying four URLs including the Authorization, Token, UserInfo, and Jwks Uri.
  + Manually specifying three URLs while also checking the OAuth2.0 checkbox for Authorization, Token, and UserInfo endpoints.
  1. Patches

A patch to the Intalio IAM was delivered on 5 September 2023.

* + 1. Enhancements
* Improvements have been implemented to the functionality of the submit button on the parameter page within the settings.

1. Release v3.5.0

An update to the Intalio IAM was released on date 27 June 2023.

* 1. Considerations

The Integration job file has been updated in the package, including the job pulling users from Windows Active Directory using IAM Linux environment.

* 1. Enhancements
* The gender field options “Male” and "Female" have been translated into French.
* Supports Connection between Windows Active Directory and IAM deployed on Linux environment.

1. Release v3.4.0

An update to the Intalio IAM was released on date 1 June 2023.

* 1. Considerations

An updated version of the Developer Guide.pdf has been released, providing detailed instructions on developing a two-factor authentication provider.

* 1. New Features

1. **Two-factor authentication providers**

* What's new?

Two-factor authentication provider section is added to the admin interface.

* Why added?

To include new custom providers that will be utilized when enabling two-factor authentication for the user.

* For?

Admin.

* Reference guide:

Intalio IAM - Admin guide, refer to section two factor authentication provider.

* 1. Enhancements
* The options "Other" and "Prefer not to say" have been added to the gender field.

1. Release v3.3.0

An update to the Intalio IAM was released on date 20 February 2023.

* 1. Considerations

For the upgrades, kindly apply the following:

IAM was upgraded from .net core 5.0.3 to .net core 6.0, therefore the Dotnet hosting bundle (windows) and .Net core runtime (Linux) should be updated accordingly on the environment.

* 1. Enhancements
* Added search by name and code to the structure page.
  1. Patch

A patch to the Intalio IAM was delivered on 10 March 2023.

* + 1. Enhancements
* SearchUsersByStructureIds API returns the custom attributes in its response.

1. Release v3.2.0

An update to the Intalio IAM was released on date 10 February 2023.

* 1. Considerations

For the upgrades, kindly apply the following:

IAM was upgraded from .net core 5.0.3 to .net core 6.0, therefore the Dotnet hosting bundle (windows) and .Net core runtime (Linux) should be updated accordingly on the environment.

* 1. Enhancements
* The addition of username to the token claims.
* The addition of showOnlyActiveUsers parameter to some APIs. This parameter is optional with default value false (does not affect any product already using the APIs). Passing this parameter with the value true, would return only active users in the results otherwise all users are returned.
* Changes to APIs names: GetUsersAndStructures/ ListUsers / GetUsersAndStructuresWithSearchAttributes/ ListUsersNoAttributesWithSearch/ ListUsersByGroupId/ ListUsersByStructureId/ ListUsersWithSearch/ SearchGroupsUsers/ SearchRolesGroupsUsers/ SearchUsers/ SearchUsersByStructureIds/ SearchUsersWithStructures/ SearchUsersWithStructuresByStructureIds/ SearchStructureUsers/ SearchStructureUsersByStructureIdsWithSearchAttributes/ SearchStructureUsersByStructureIds/ SearchStructureUsersWithSearchAttributes/ SearchTeamByUserId/ UserExistenceInStructure.
* The support of proxy server.
* The addition of Admin audit:
  + Added UI (Admin audit menu).
  + Added “Admin Audit” checkbox in the parameter page to enable/disable the audit.
* The support of single tenant account type in Azure apps:
  + Added Single tenant checkbox, Authorization endpoint and Token endpoint fields in the Microsoft login provider to support the configuration of Azure apps with single tenant account type.

2.Release v3.1.0

An update to the Intalio IAM was released on date 30 November 2022.

* 1. Considerations

For the upgrades, kindly apply the following:

* IAM was upgraded from .net core 5.0.3 to .net core 6.0, therefore the Dotnet hosting bundle (windows) and .Net core runtime (Linux) should be updated accordingly on the environment.
  1. Enhancements

In IAM database, audit table is added to log the following actions when AdminAudit keyword is enabled in parameter table:

* Application (add, edit, activate/deactivate)
* Roles (add, edit, delete)
* Groups (add, edit, delete)
* Parameters (edit)
* Structures (add, edit, delete)
* Users (add, edit, delete, activate/deactivate)
* Attributes (add, edit, delete)
* User attribute (add, edit, delete)
* Structure attribute (add, edit, delete)
* Attribute mapping (add, edit, delete)
  1. Bug Fixes
* User can access IAM application with expired license after logging into IAM and redirecting to Intalio Correspondence link manually.
  1. Patches

A patch to the Intalio IAM was delivered on 27 January 2023.

* + 1. Enhancements
* Intalio IAM now supports CORS and can be opened in iframe. Their configurations can be done from the appsettings file.

1. Release v3.0.0

An update to the Intalio IAM was released on date 10 November 2022.

* 1. Considerations

For the upgrades, kindly apply the following:

* IAM was upgraded from .net core 5.0.3 to .net core 6.0, therefore the Dotnet hosting bundle (windows) and .Net core runtime (Linux) should be updated accordingly on the environment.
* **Also note that this version is only compatible with CTS version 3.0.0 and above.**

1. Release v2.0.2

An update to the Intalio IAM was released on date 30 December 2021.

* 1. Considerations

For the upgrades, kindly apply the following:

* IAM was upgraded from .net core 3.1 to .net 5.0.3, therefore the Dotnet [hosting bundle](https://dotnet.microsoft.com/download/dotnet/thank-you/runtime-aspnetcore-5.0.3-windows-hosting-bundle-installer) (windows) and [.Net core runtime](https://dotnet.microsoft.com/download/dotnet/5.0) (Linux) should be updated accordingly on the environment.

API documentation file “Intalio.IAM.chm” :

* API documentation:
* .chm file
  1. New Features

New Feature is presented in a short video, included in this version’s package, under folder “New Features Videos”.

1. **Force change password**

* What's new?

A new checkbox is added in the user's section. The administrators can force new or existing local users to change their password on their next login.

* Why added?

By forcing users to change their password, the risk of a third party accessing their accounts will be reduced.

* For?

Admin.

* Reference guide:

Intalio IAM – Admin guide, refer to section Users.

* 1. Enhancements

This enhancement was delivered on 08 August 2022:

* Support SSL for AD login provider.
  1. Bug Fixes

This bug was delivered on 08 August 2022:

In the **User interface**:

* Issue in ListUsersWithSearch API (related to DMS issue, Manage Users > Synchronize all Users).

This bug was delivered on 1 September 2022:

In the **Admin interface**:

* When the user changes one of the metadata in his profile, the hidden fields are emptied from the admin side.

1. Release v2.0.1

An update to the Intalio IAM was released on 08 October 2021.

* 1. Considerations

This release note support MYSQL database Type.

For the upgrades, kindly apply the following:

* IAM was upgraded from .net core 3.1 to .net 5.0.3, therefore the Dotnet [hosting bundle](https://dotnet.microsoft.com/download/dotnet/thank-you/runtime-aspnetcore-5.0.3-windows-hosting-bundle-installer) (windows) and [.Net core runtime](https://dotnet.microsoft.com/download/dotnet/5.0) (Linux) should be updated accordingly on the environment.

1. Release v2.0.0

An update to the Intalio IAM was released on 09 July2021.

* 1. Considerations

Support configuring the persistent cookie lifetime from the appsettings (cookie lifetime when remember me is checked):

* The default lifetime of the specified cookie is 604800 seconds (7 days) unless configured otherwise from the appsettings by adding the below configuration: "PersistentCookieLifeTime ": 604800 //in seconds, minimum value 1h = 3600 sec, default 7 days = 604800 sec

The following Documents are updated:

* Intalio.IAM.chm: updated API documentation file.
* Intalio.IAM - Developer Guide.pdf: developer guide including the sections validator, integration and custom web service login provider.
* IWebServiceLoginProvider.cs: sample related to the developer guide.
* RangeValidator.cs: sample related to the developer guide.
* CustomJobs.iam: file to import custom user and structure jobs.
* Intalio.IAM - Custom Jobs Guide.pdf: guide with details on the jobs imported with the CutomJobs.iam file.

For the upgrades, kindly apply the following:

* IAM was upgraded from .net core 3.1 to .net 5.0.3, therefore the Dotnet [hosting bundle](https://dotnet.microsoft.com/download/dotnet/thank-you/runtime-aspnetcore-5.0.3-windows-hosting-bundle-installer) (windows) and [.Net core runtime](https://dotnet.microsoft.com/download/dotnet/5.0) (Linux) should be updated accordingly on the environment.
  1. New Features

1. **Custom Web Service Providers**

* What's new?

Custom Web Service Provider is a new login provider added to Login providers' section.

* Why added?

A new type of login provider source is added to retrieve users from a web service.

* For?

Admin.

* Reference guide:

Intalio IAM – Admin guide, refer to section Custom Web Service Providers.

1. **New APIs**

* What's new?

The following new APIs are added:

* GetGroups.
* GetUsers.
* ListAllStructuresByIds.
* ListExternalStructuresWithSearchAttributes.
* ListStructuresAndFirstLevelParents.
* ListStructuresByIdsWithParent.
* ListStructuresByIdsWithSearchAttributes.
* ListStructuresWithSearchAttributes.
* ListStructuresWithSearchByIds.
* ListStructuresWithSearchByIdsWithSearchAttributes.
* SearchExternalStructuresWithSearchAttributes.
* SearchStructuresWithSearchAttributes.
* SearchStructureUsers.
* SearchStructureUsersByStructureIds.
* SearchStructureUsersByStructureIdsWithSearchAttributes.
* SearchStructureUsersWithSearchAttributes.
* SearchUsersWithStructures.
* SearchUsersWithStructuresByStructureIds.
* Why added?

The APIs are used to exchange data between applications. Intalio Correspondence application uses the above list of APIs.

* For?

Admin.

* Reference guide:

For more info related to each API, refer to the swagger page.

* 1. Enhancements
* Structure jobs support external structure.
* Structure jobs support push/pull structures with all children.
* Ability to add multiple login AD provider with same LDAP.
* Updated the description of "User Naming Attribute" in the AD login providers.
* For data sources, if encrypted checked, the default value on edit will be displayed encrypted.
* For jobs, if the property is encrypted, the value will be masked.

**Note:** In the job sections, execute now will not run the job immediately, it will run after x seconds (x being the SchedulePollingInterval value) specified in the appsettings (minimum value 100 - 100 seconds).

* User pull jobs support specifying the user login provider and application(s) role.
  + Pull a new User:
    - If this list is empty  the user will have no groups.
    - If this list contains groups  the user will be added to the sent groups.
  + Pull for an existing user:
    - If this list is empty  the user's groups will not be updated. He will remain in his existing groups, if they are no longer required, the admin must remove them via the IAM interface.
    - If this list contains groups  the user's groups will be modified. He will be removed from all existing groups and added to the sent ones.

1. Release v2.0.0-rc

An update to the Intalio IAM was released on 01 April 2021.

* 1. Considerations

The following configurations can be done by the admin, in the appsettings:

* **EnableBackgroundJobs:** To enable/disable background jobs. (Integration jobs)
* **SchedulePollingInterval:** Hangfire Server periodically checks the schedule to enqueue scheduled jobs to their queues, allowing workers to execute them. By default, check interval is equal to 15 seconds, but you can change it by setting the SchedulePollingInterval property.
* **StatsPollingInterval:** Interval which Hangfire UI periodically checks the database.
* **HealthChecks**:
* **Name and Url** Application name and URL should be added for each application to be monitored.
* **SystemEmail:** Emails of notifications receivers.
* **EvaluationTimeInSeconds:** Number of elapsed seconds between health checks.
* **MinimumSecondsBetweenFailureNotifications:** The minimum seconds between failure notifications to avoid receiver flooding.

For the upgrades, kindly apply the following:

* IAM was upgraded from .net core 3.1 to .net 5.0.3, therefore the Dotnet [hosting bundle](https://dotnet.microsoft.com/download/dotnet/thank-you/runtime-aspnetcore-5.0.3-windows-hosting-bundle-installer) (windows) and [.Net core runtime](https://dotnet.microsoft.com/download/dotnet/5.0) (Linux) should be updated accordingly on the environment.

API documentation file “Intalio.IAM.chm”:

* API documentation:
* .chm file
  1. New Features

1. **Health Check**

* What's new?

Health check section is added to offer valuable insight into the effectiveness of IAM or of the custom applications.

* Why added?

The admin can check the applications health.

* For?

Admin.

* Reference guide:

Intalio IAM – Admin guide, refer to section Health check.

1. **External Structures**

* What's new?

External structures can be created in the structure section.

* Why added?

The user can create external structures without managers. In addition, custom applications can have access to the created external structures.

* For?

User and Admin.

* Reference guide:

Intalio IAM – Admin guide, refer to section Structures.

* 1. Enhancements
* Two-factor authentication can be activated or deactivated from profile section.
* OIDC login provider can be set as default provider.
* Resource owner password credentials required once accessing to Apis section.
* User credential is added to active directory provider.
* Ability to disable background job.

1. Release v1.0.2

An update to the Intalio IAM was released on 11 January 2021.

* 1. Bug Fixes
* Same user couldn't open IAM sessions from different browsers or machines at the same time.
* The structure and user jobs display an internal server error, when using oracle database type.

1. Release v1.0.1

An update to the Intalio IAM was released on 15 December 2020.

* 1. New Features

1. **Export/import configuration**

* What's new?

New buttons added inside the parameter's tab: Import/Export.

* Why added?

The admin can easily import/export the configuration from one environment to another.

* For?

Admin.

* Reference guide:

Intalio IAM - Admin guide, refer to section Parameters.

* 1. Enhancements
* User Pull Job:
* Give user access to an application with a default role.
* Removed application dropdown and all user checkbox.
* For the Integration jobs, "Execute now" button is added.
* New APIs are added.
* UID is added in the user naming attribute found in the active directory login provider section.
* When creating a new application, two new fields are added to the Application section:
* Allowed API Scope.
* Disable PKCE.