



ivanti
Identity Director

Release Notes
2022.3

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What's New in Identity Director 2022.3

Enhancements and Improvements

User Experience: browser tabs will now display the title of the opened section

Starting with this release, browser tabs will display the title of the opened section. This improvement aims to help users who prefer to open multiple Identity Director tabs at once, as it eases navigation between tabs containing various sections or subsections of the Management Portal.

Access Certification: Approve All and Revoke All buttons added in the Web Portal

When working on an active campaign in the **My Access Reviews** tab of the Web Portal, reviewers now have the option to decide for all the people on the list at the same time, using the newly added **Approve All** and **Revoke All** buttons. To access these buttons, click on the text area of the campaign. You can click **Start** to open a window containing the list of qualified people and, after reviewing the list, close the window and either approve or revoke access for everyone.

This improvement allows for a more time efficient review process, especially for campaigns with large numbers of qualified people.

Access Certification: additional recurrence of review options added

Starting with this release, we have added the following options for campaign recurrence: **Weekly, Monthly, Quarterly, Semi-annually, Annually**. For each of these new options, you can set the campaign to recur until a specific end date, or until a specified number of occurrences has been reached. You can also opt to set no expiration limit and have the campaign recur indefinitely.

To diminish the need of recreating campaigns even further, you have the possibility to change reviewers while the campaign is active. To learn more about configuring recurring campaigns, visit the [Access Certification](#) page in the Identity Director Help.

Access Certification: Person Identifier added to the CSV export from the Reports tab

Starting with Identity Director 2022.3, the CSV exported from the Reports tab of an existing Access Certification campaign includes all the primary identifiers defined in Identity Director for the listed people, each of them in a separate column.

Access Certification: Reconciliation tab

In Identity Director 2022.2, we have added the Reconciliation feature for Access Certification. Starting with Identity Director 2022.3, all related functionality and information have been moved from the **Properties** tab to the **Reconciliation** tab.

You will find a new indicator for the status and duration of the reconciliation process in the **Reconciliation** section, and a new **Qualified People** section with information related to the people reconciled from Microsoft Active Directory.

Provide Information: display list attribute as searchable list

Starting with Identity Director 2022.3, you can opt to display list attributes in a Provide Information workflow action as searchable lists. This new option can be especially useful when your users must select from a large number of listed items.

Service attributes: two new service attributes available

In Identity Director 2022.3, we added two new service attributes: **Person List** and **Person checklist**. The new attributes rely on smart rules to obtain their values dynamically, which means you no longer have to manually provide the values.

The new service attributes will allow you to use people easier and more efficiently within your workflow.

Setup and Sync Tool: include one level of nested groups membership in Group Membership Data Sources

Starting with this release, the scope Microsoft Active Directory Group Membership data sources was extended to include one level of nested groups membership. This new option can be enabled individually for each Data Source in the Setup and Sync Tool, allowing for a larger number people to be imported into Identity Director.

Web Portal: Delegated Administration URL behavior updated

In the **Delegated Administration** section of the Web Portal, the URL was updated to point to a service name and section, similarly to services displayed in the **My Store** section. This improvement aims to ease sharing and accessing services in your environment, as the URLs can be copied and shared independently.

Previous versions of Identity Director 2022

Identity Director 2022.2

Enhancements and Improvements

Access Certification: add images to campaigns

Starting with Identity Director 2022.2, you can upload images for your access certification campaigns, in the Management Portal. This functionality aims to increase user experience and ease navigation in the Web Portal for users with a large number of active campaigns.

Access Certification: actions moved under Campaigns

All the buttons used to modify the campaign status can now be found under a dynamic section called **Campaigns**. Select one or more campaigns from your list and you will be able to perform various actions, such as **Launch**, **Delete**, **Resume**, and more.

Access Certification: email of campaign owners displayed in campaigns in the Web Portal

The email address of each campaign owner is displayed when reviewers click on the text area of the campaign in the Web Portal. This change aims to ease direct communication within the organization, should reviewers require additional information in order to complete the review process.

Access Certification: new reviewer type options

You can now select Groups and Smart rule from the Reviewer type drop-down list, in addition to the existing Individual Reviewers option. This expands the functionality of certification campaigns and opens a new door in the feature set. A campaign can now be assigned to multiple reviewers, with the results centralized in the **Results** tab of the campaign once the review process is complete. The results can also be exported into a CSV file from the Management Portal.

Access Certification: operations added to the Audit Trail

Access certification events such as adding or editing campaigns and deleting campaign instances or definitions are now logged in the Audit Trail. The additional information improves the reporting capability and provides a more in-depth look at the access certification campaigns from your environment.

Access Certification: reconciliation

Starting with Identity Director 2022.2, you can select a MicrosoftActive Directory connector to use information about people from Security Groups and Organizational Units into the Management Portal. This is used for entitlement reconciliation.

Information received from MicrosoftActive Directory is synchronized with Identity Director via data sources and handled using the mappings defined in data connections. People and Classifications data connections are used together with People and Group membership data sources to ensure the People related information is imported properly. When setting up a certification campaign, multiple data connections can be selected to match complex business scenarios. The result is then reconciled and compared so that reviewers can see an user's resulting qualifications in both Identity Director and Active Directory and decide according to them.

Data connections are only needed to determine the connectivity and mapping information for the external system, they are by no means synchronized. No entities from Identity Director (people or organizations) will be modified in any way following a reconciliation.

The Identity Director component responsible for the actual connection to the external system is Transaction Engine, therefore this component must be able to access the Active Directory.

Provide Information: dynamic attributes available for two new service attributes

On the Pages tab of a Provide Information workflow action, you can now enable dynamic attributes for List and Checklist service attributes. This comes as an addition to the dynamic attributes introduced in Identity Director 2021.2. The dynamic features allowing extra attributes to be displayed in a Provide Information workflow action according to various conditions are now available for 6 attributes: Date, DateTime, Text, Organization, List, and Checklist.

Run book output parameters retrieval retry mechanism removed

In Identity Director 2020.3.1, we have introduced a retry mechanism that would initiate if the Transaction Engine was unable to retrieve Run Book results during its first attempt. This mechanism is no longer necessary and was removed from the product starting with Identity Director 2022.2.

Web Portal: behavior updated for services set as favorites

Previously, services marked as favorite disappeared from the Web Portal when the **Show in My Store** option was disabled in the Management Portal.

Starting with Identity Director 2022.2, the service is displayed in the Web Portal, even with the **Show in My Store** option disabled. However, users are no longer able to request it.

Web Portal: Security tab added under Account

In the Web Portal, under **Account**, users can manage the applications used for sign in, password reset, or unlock account from the newly added **Security** tab.

With the introduction of Multifactor Authentication, we have allowed users to enroll their own devices and authentication applications. However, the devices could only be used in Password Reset scenarios if Multifactor Authentication was enabled in the environment. With this update, the device management functionality has been decoupled from Multifactor Authentication so users can freely manage their devices without requiring additional assistance from the IT department.

Announcements

Access Certification now requires certain license types

The Access Certification feature is only available with the Access and Enterprise licenses, starting with Identity Director 2022.2.

Identity Director 2022.1

Highlighted Features

Access Certification

Starting with Identity Director 2022.1, you can use Access Certification to improve the management of users and entitlements in your environment.

This feature allows administrators to create and manage certification campaigns from the Management Portal. The newly added section contains a series of tabs which display campaigns according to their status. New campaigns can be created by clicking on the **Add** button at the bottom of the page.

Once a certification campaign starts, the selected reviewers are able to see it in the **My Access Reviews** tab of the Web Portal. After starting the review process, reviewers see a list of users that qualify for an entitlement and the options to either authorize or revoke access for each user. At this point, the reviewer can either complete the process in one go or save it and continue at a later date. Once completed, the campaign moves to the **Completed** tab under **My Access Reviews** and becomes read-only.



Please note that, at the moment, campaigns can only be created for entitlements. Additional options will be added in the future.

For a complete overview of the Access Certification feature, check out the [Access Certification](#) page in the Identity Director Help.

Enhancements and Improvements

Hours option added for Email Reminder

You can now set hourly intervals for email reminders for your workflow actions.

Multifactor authentication: authenticator enrollment related data is now deleted when a person is marked for deletion

Previously, users remained enrolled when marked for deletion using an import file from which they had been removed. This behavior was changed in this version and users are unenrolled when marked for deletion.

Multifactor authentication: operations added to the Audit Trail

All Multifactor Authentication add or removal operations are now logged in the Audit Trail.

Multifactor authentication: make enrollment mandatory for all users in your environment

At **Setup > Multifactor Authentication**, you can now decide whether or not you want to enforce multifactor authentication for the users in your environment.

While multifactor authentication is enabled in your environment, you can opt between making enrollment mandatory for everyone, or allowing your users to decide independently if they want to use an authenticator application or not.

Performance-related improvements

This version of Identity Director includes the following performance-related improvements:

- The overall qualification processing has been improved through code and cache loading optimization.
- Qualification based on people attributes has been improved and changing a regular people attribute that is not used in qualifications does not trigger any qualification processing.
- The responsiveness and time interval before triggering services when people attributes change have been improved.

Use Authenticator Applications for Password Reset and Unlock Account flows

A new section called **Authenticator Apps** was added for both the **Password Reset** and the **Unlock Account** login page services. Enabling this option allows your users to choose enrolled authenticator applications as their preferred verification method in the Web Portal.



For the release notes of previous versions, please refer to the [Previous Versions](#) page.

Bugs Fixed

The following issues were resolved in this release:

Problem ID	Title
90141	The performance of Smart Rules in the Management Portal has decreased after upgrading to Identity Director 2021.2.1. Knowledge-base article

Previous versions of Identity Director 2022

Identity Director 2022.2

Problem ID	Title
89144	Requesting a service that contains a Provide Information workflow action with a non-cascading organizational attribute is not working. Knowledge-base article
88649	The placeholder button for Email Reminder does not work in multiple workflow actions. Knowledge-base article
89382	The Delegated Administration button in the Web Portal does not work after resizing the browser window. Knowledge-base article
89337	Service form loads slowly when the first workflow action is a Provide Information with Global Attributes. Knowledge-base article

Identity Director 2022.1

Problem ID	Title
86415	After signing out of the Identity DirectorWeb Portal, using the Back button in Apple Safari results in services being redisplayed. Knowledge-base article

Problem ID	Title
78242	The Identity Director client does not remember credentials, even when the Remember me option is enabled. Knowledge-base article
87591	Identity Director Administrative Roles with Read-Only permissions on the People node allow Request/Assign/Return/Unassign of Services. Knowledge-base article
87296	In a Send Message workflow action, attempting to modify the message breaks the text formatting. Knowledge-base article
87262	Intermittently, Smart Rules cannot retrieve people from organizations and the message <i>No people match the rule</i> is displayed in the Diagnostics tab. Knowledge-base article
87916	The Provide information workflow action does not show all the information when a table add or edit operation is performed. Knowledge-base article
87462	When disabled, the option to Wait for Runbook to finish on an Invoke Runbook workflow action prevents the workflow from moving forward after invoking the runbook. Knowledge-base article




For a list of the bugs fixed in previous versions and more, please refer to the [Previous Versions](#) page.

About this Release

This table shows the Identity Director version that introduced the Datastore revision level that applies to Ivanti Identity Director 2022.3:

Datastore revision level	Introduced in
95	Identity Director 2022.3

 During installation, the Datastore is automatically updated if it is of a lower revision level.

Additional information

Compatibility Matrix

Supported operating systems, database systems, browsers, and Ivanti products are detailed in the [Compatibility Matrix](#).

Further Help and Information

Information about installing, configuring, and using Identity Director is available from the [Online Help](#).

For details on currently known issues and application limitations, see [Known Issues and Limitations](#).