

GIA – Get Intune Assignments

<https://sibranda.github.io/GetIntuneAssignments/>

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About GIA

A Journey of Innovation and Collaboration

The Evolution of Get Intune Assignments for the IT Community

Get Intune Assignments (GIA) is a **free C#.NET** application meticulously designed to empower IT professionals by streamlining the task of querying Intune and Entra ID assignments via Microsoft Graph. Its core mission is to deliver accurate, actionable insights into all active Intune item assignments, helping users efficiently manage complex environments. Recognizing the importance of reliable, user-friendly solutions in enterprise IT, GIA continues to evolve in response to real-world requirements, community collaboration, and technical advancements.

Origins: Addressing Real Need

The GIA story began in June 2022, when the need arose for a practical method to audit Intune assignments. Initially conceived as a set of PowerShell scripts, the project provided basic functionality for extracting assignment data, addressing a critical gap for IT professionals managing large-scale deployments. These early scripts laid the groundwork for automating tedious manual tasks and demonstrated the potential for a more comprehensive tool.

Feature Expansion and Transition

Responding to growing user needs, GIA quickly expanded beyond its original scope. New features were added to include compliance policies, application assignments, device configurations, and update management. Recognizing the limitations of command-line tools for broader adoption, development shifted in September 2022 to a graphical interface built in C#.NET, dramatically improving usability and enabling more sophisticated data visualization. The transition marked a pivotal milestone, transforming GIA from a niche script into an accessible, robust application for the entire community.

Community Impact and Collaboration

The launch of GIA on GitHub marked the beginning of genuine community collaboration. Feedback from beta testers and contributors, including valuable insights from IT professionals, helped prioritize new features and guide bug fixes. Each release was shaped by constructive input, ensuring GIA stayed relevant and responsive to users' evolving needs.

The open distribution model fostered a dynamic cycle of improvement, with enhancements and refinements driven by real-world challenges.

Major Releases: Building Value

GIA's version history reflects its commitment to continuous innovation. Version 1.5 introduced export capabilities, allowing users to generate CSV reports for further analysis. Version 2.0 brought expanded support for new assignment types and performance optimizations. With version 3.0 and 3.1, advanced filtering and reporting tools were added, making the application indispensable for IT teams seeking efficiency and clarity in their management workflows.

Latest Innovations: GIA 4.0 and Beyond

The release of GIA 4.0 represents the most significant leap to date, introducing a groundbreaking comparison feature that allows users to analyze assignment differences across policies, applications, and devices. This innovation delivers unparalleled visibility and control, empowering IT professionals to make informed decisions swiftly. Alongside cutting-edge features, ongoing bug fixes and usability enhancements ensure GIA remains robust, reliable, and at the forefront of enterprise IT solutions.

A Commitment to Excellence

GIA is more than a tool; it is a collaborative project shaped by the needs and feedback of a passionate community. The application continues to be refined and improved, embodying a commitment to delivering practical value while adapting to the challenges faced by modern IT environments. Users are encouraged to share comments and suggestions, knowing that their contributions help drive the evolution of GIA and benefit the broader professional community.

Thank you for your trust, engagement, and support in advancing GIA.

Copyrights Warranty and Support

This application is provided **free of charge**. It was initially developed to meet both my personal and professional requirements, and, having found it highly effective, I have chosen to share it with the community.

As this project was built during my limited spare time, I am unable to offer user support or ensure compatibility across all systems.

Use of this application is entirely optional. I kindly request that users approach its use with civility and professionalism. Should you choose to try it, I hope it proves valuable for you and your clients.

Additionally, I welcome any constructive **feedback**, as it benefits the broader community.

Document Version

This document was updated on **Oct 27, 2025**.

Requirements

User access to Intune and Entra ID Resources:

Users must have access to **Read All Intune Items** and queries for **Entra ID Groups, Devices and Users**.

Create/Register an Entra ID App to Get Intune Assignments can get data from the environment.

Follow the **Read Rights** the User and the App may need:

```
CloudPC.Read.All  
Device.Read.All  
DeviceManagementApps.Read.All  
DeviceManagementConfiguration.Read.All  
DeviceManagementManagedDevices.Read.All  
DeviceManagementScripts.Read.All  
DeviceManagementServiceConfig.Read.All  
Group.Read.All  
GroupMember.Read.All  
Policy.Read.All  
RoleManagement.Read.Directory  
User.Read.All
```

Creating an App Registration on your ENTRA ID.

GIA uses an **App Registered** to get MS Graph Token Authentication to be able to query your Intune and Entra ID Environment.

Note

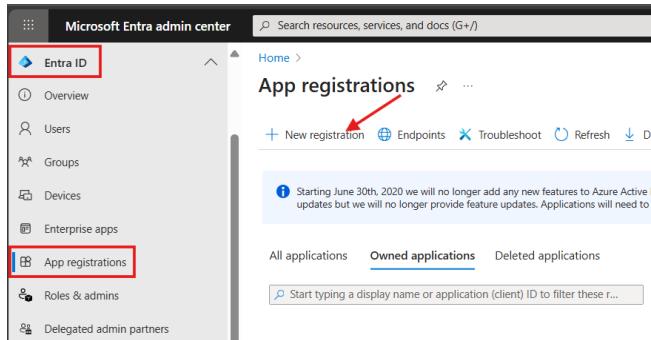
You can use any App you already have if your App have the **Read** Permissions Required.

For Best Practices and Safety use an App with **Read Only** Permissions

Log in to the [Entra Admin Center](#) Portal with an user who have permission to register Apps.

Go to the [App Registrations](#) Blade.

Click **New registration** to create an App:



The screenshot shows the Microsoft Entra admin center interface. The left sidebar has a tree view with 'Entra ID' selected, which is highlighted with a red box. Under 'Entra ID', 'App registrations' is also highlighted with a red box. The main content area is titled 'App registrations'. At the top, there is a button labeled '+ New registration' with a red arrow pointing to it. Below the button, there are tabs for 'All applications', 'Owned applications' (which is currently selected), and 'Deleted applications'. There is also a search bar at the bottom of the main content area.

Give a **Name** for your application i.e., “**GIA**”.

Select the Supported account types according to your Tenant. Example: “**Single tenant**”

At **Redirect URI (optional)** choose **Public client/native (mobile & desktop)** and enter the following address: “”

Click the **Register** button.

Register an application ...

* Name
The user-facing display name for this application (this can be changed later).
 

Supported account types
Who can use this application or access this API?
 Accounts in this organizational directory only (Contoso only - Single tenant)
 Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant)
 Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)
 Personal Microsoft accounts only
[Help me choose...](#)

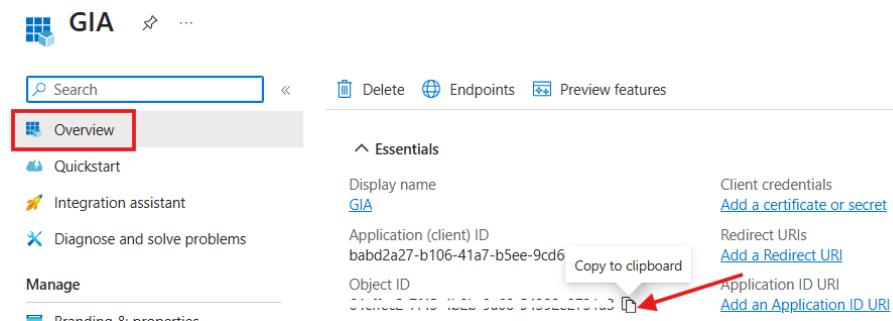
Redirect URI (optional)
We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.
  

Register an app you're working on here. Integrate gallery apps and other apps from outside your organization by adding from [Enterprise applications](#).

By proceeding, you agree to the [Microsoft Platform Policies](#) 

Register 

After creating/registering the App. **Copy** your application (client) ID to use in **GIA settings**:



Search  Delete  Endpoints  Preview features 

Overview  Quickstart  Integration assistant  Diagnose and solve problems 

Manage  Branding  properties 

^ Essentials

| | |
|-------------------------------------|---|
| Display name | Add a certificate or secret |
| GIA |  |
| Application (client) ID | Add a Redirect URI |
| babd2a27-b106-41a7-b5ee-9cd6 |  |
| Object ID | Add an Application ID URI |
| 511C6E7F-715D-4260-B300-D355CE77A03 |  |

Tip

If you want to use Client Secret (optional) you can click “Certificate & Secrets” in your app to create a secret. After create the Secret, you **Need to Copy** the Secret **Value**

Setting Permissions to the App Registration on your ENTRA ID.

To work, GIA must have access to query your environment.
To do so, GIA uses the App Registration you created in early step.
Now you need to give permission to your App that GIA will use.
Follow the steps below to configure permissions.

Open your App (created in previous step) and click on **API Permissions**

Then, click on “**Add a permission**”

Home > App registrations > GIA

GIA | API permissions

Search | Refresh | Got feedback?

Overview | Quickstart | Integration assistant | Diagnose and solve problems

Manage

Branding & properties | Authentication | Certificates & secrets | Token configuration | API permissions | Expose an API

API permissions

Configured permissions

The "Admin consent required" column shows the default value for an organization's consent behavior, customized per permission, user, or app. This column may not reflect the values for other organizations where this app will be used. [Learn more](#)

+ Add a permission ✓ Grant admin consent for Contoso

In next step click Microsoft Graph in Microsoft APIs tab:

Request API permissions

Select an API

Microsoft APIs APIs my organization uses My APIs

Commonly used Microsoft APIs

Microsoft Graph

Take advantage of the tremendous amount of data in Office 365, Enterprise Mobility + Security, and Windows 10. Access Microsoft Entra ID, Excel, Intune, Outlook/Exchange, OneDrive, OneNote, SharePoint, Planner, and more through a single endpoint.

Now let's give permission to the Application:

Click **Application permissions**

All APIs

Microsoft Graph

<https://graph.microsoft.com/> Docs

What type of permissions does your application require?

Delegated permissions

Your application needs to access the API as the signed-in user.

Application permissions

Your application runs as a background service or daemon without a signed-in user.

You must give all **Read** permission listed in this document if you want GIA fully works:

CloudPC.Read.All
Device.Read.All
DeviceManagementApps.Read.All

```
DeviceManagementConfiguration.Read.All  
DeviceManagementManagedDevices.Read.All  
DeviceManagementScripts.Read.All  
DeviceManagementServiceConfig.Read.All  
Group.Read.All  
GroupMember.Read.All  
Policy.Read.All  
RoleManagement.Read.Directory  
User.Read.All
```

Note

If, for some reason, you cannot assign all permission due policy or restriction in your environment, you still can use GIA with some restriction IF the basic permission to search Users, Devices and groups is assigned.

For example, if you don't have permission to query Conditional Access, GIA will bring others Assignments information except CA Policies.

In this Case CA Policies will generate an Access Denied Error.

TIP

You can disable some items that is searched in settings. In this example you can disable Conditional Access to avoid Access Denied Errors.

Now let's find and check all permissions GIA Need:

Type the **Name of the Permission** in the search box and **mark the check box**:

Select permissions expand all

Permission Admin consent required

CloudPC (1)

CloudPC.Read.All ⓘ Read Cloud PCs Yes

Repeat this step for all the permissions

When you finish click the button **Add permissions**:

Select permissions

User.Read.All

Permission

IdentityRiskyUser

User (1)

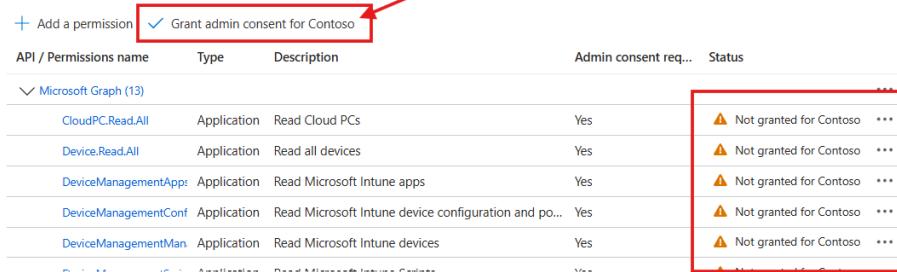
User.Read.All ⓘ Read all users' full profiles

Add permissions Discard

Double check if **all the permissions needed** are listed in your application, then click the button “**Grant admin consent for <Your Tenant>**”:

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)



| API / Permissions name | | Type | Description | Admin consent req... | Status |
|-----------------------------|-------------|--|-------------|----------------------|---|
| Microsoft Graph (13) | | | | | |
| CloudPC.Read.All | Application | Read Cloud PCs | | Yes | ⚠ Not granted for Contoso ... |
| Device.Read.All | Application | Read all devices | | Yes | ⚠ Not granted for Contoso ... |
| DeviceManagementApp | Application | Read Microsoft Intune apps | | Yes | ⚠ Not granted for Contoso ... |
| DeviceManagementConf | Application | Read Microsoft Intune device configuration and po... | | Yes | ⚠ Not granted for Contoso ... |
| DeviceManagementMan | Application | Read Microsoft Intune devices | | Yes | ⚠ Not granted for Contoso ... |
| ... | ... | ... | ... | ... | ... |

Confirm clicking **Yes**:

Grant admin consent confirmation.

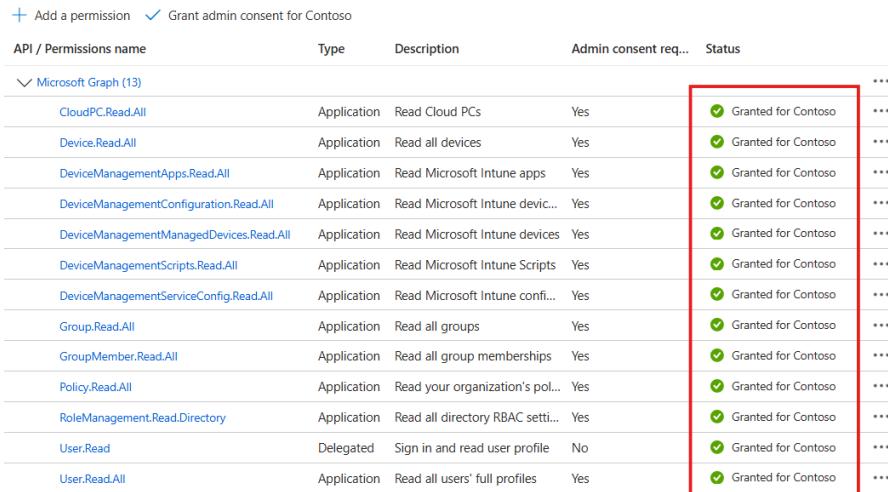
Do you want to grant consent for the requested permissions for all accounts in Contoso? This will update any existing admin consent records this application already has to match what is listed below.

Yes **No**

The Status will change to **Granted for <Your Tenant>**

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)



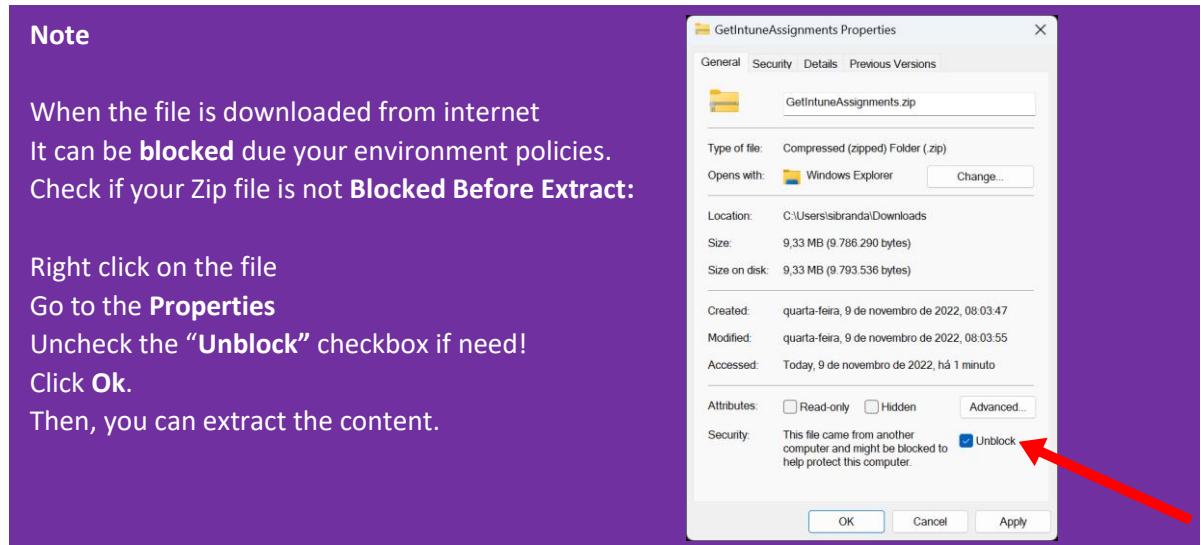
| API / Permissions name | | Type | Description | Admin consent req... | Status |
|---|-------------|----------------------------------|-------------|----------------------|--|
| Microsoft Graph (13) | | | | | |
| CloudPC.Read.All | Application | Read Cloud PCs | | Yes | ✓ Granted for Contoso ... |
| Device.Read.All | Application | Read all devices | | Yes | ✓ Granted for Contoso ... |
| DeviceManagementApps.Read.All | Application | Read Microsoft Intune apps | | Yes | ✓ Granted for Contoso ... |
| DeviceManagementConfiguration.Read.All | Application | Read Microsoft Intune devic... | | Yes | ✓ Granted for Contoso ... |
| DeviceManagementManagedDevices.Read.All | Application | Read Microsoft Intune devices | | Yes | ✓ Granted for Contoso ... |
| DeviceManagementScripts.Read.All | Application | Read Microsoft Intune Scripts | | Yes | ✓ Granted for Contoso ... |
| DeviceManagementServiceConfig.Read.All | Application | Read Microsoft Intune confi... | | Yes | ✓ Granted for Contoso ... |
| Group.Read.All | Application | Read all groups | | Yes | ✓ Granted for Contoso ... |
| GroupMember.Read.All | Application | Read all group memberships | | Yes | ✓ Granted for Contoso ... |
| Policy.Read.All | Application | Read your organization's pol... | | Yes | ✓ Granted for Contoso ... |
| RoleManagement.Read.Directory | Application | Read all directory RBAC setti... | | Yes | ✓ Granted for Contoso ... |
| User.Read | Delegated | Sign in and read user profile | | No | ✓ Granted for Contoso ... |
| User.Read.All | Application | Read all users' full profiles | | Yes | ✓ Granted for Contoso ... |
| ... | ... | ... | ... | ... | ... |

You can now configure GIA.

Starting with Get Intune Assignments (GIA) Application.

After getting **GIA** from [GitHub Page](#) go to the **Folder** where you **download** the **GIA** Application:

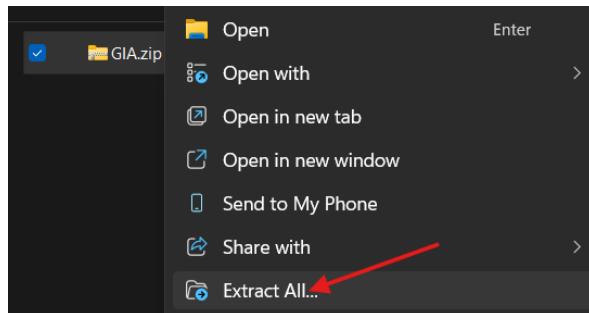
First, check if the **Zip** file you downloaded is not **Locked**.



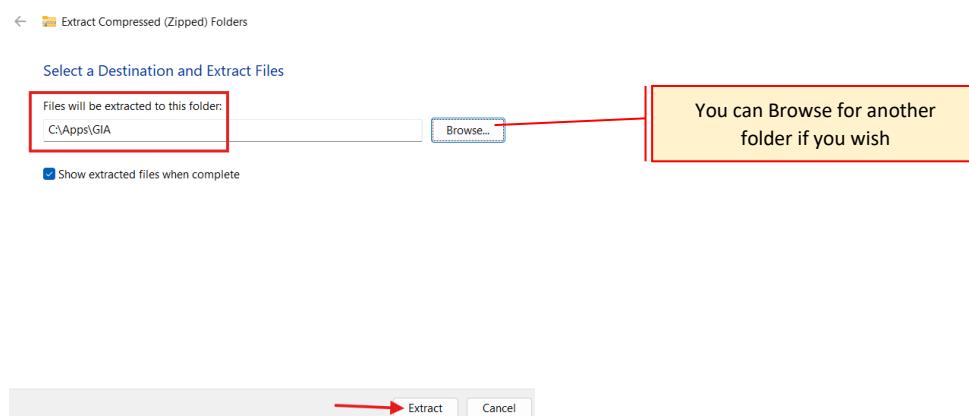
Extract Get Intune Assignments App from zip file
You can use any tool you want for this.

Here is how to use **Windows Compressed Folder** to extract:

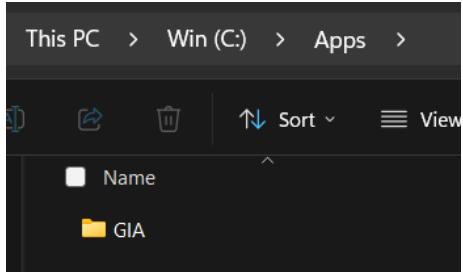
Right click on the File and Click on **Extract All...**



In the wizard, select the destination, click **the Extract button** and wait to complete:

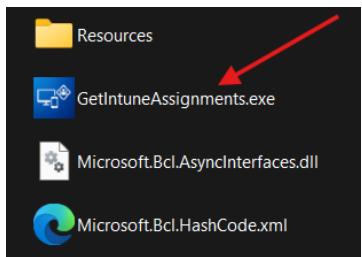


It will create a new **folder** in the directory you choose:



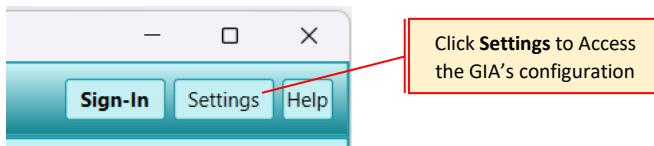
Open this folder and locate the **GetIntuneAssignments executable** file.

Double click to run the Application.



Before Start: Configuring Get Intune Assignments Application (GIA).

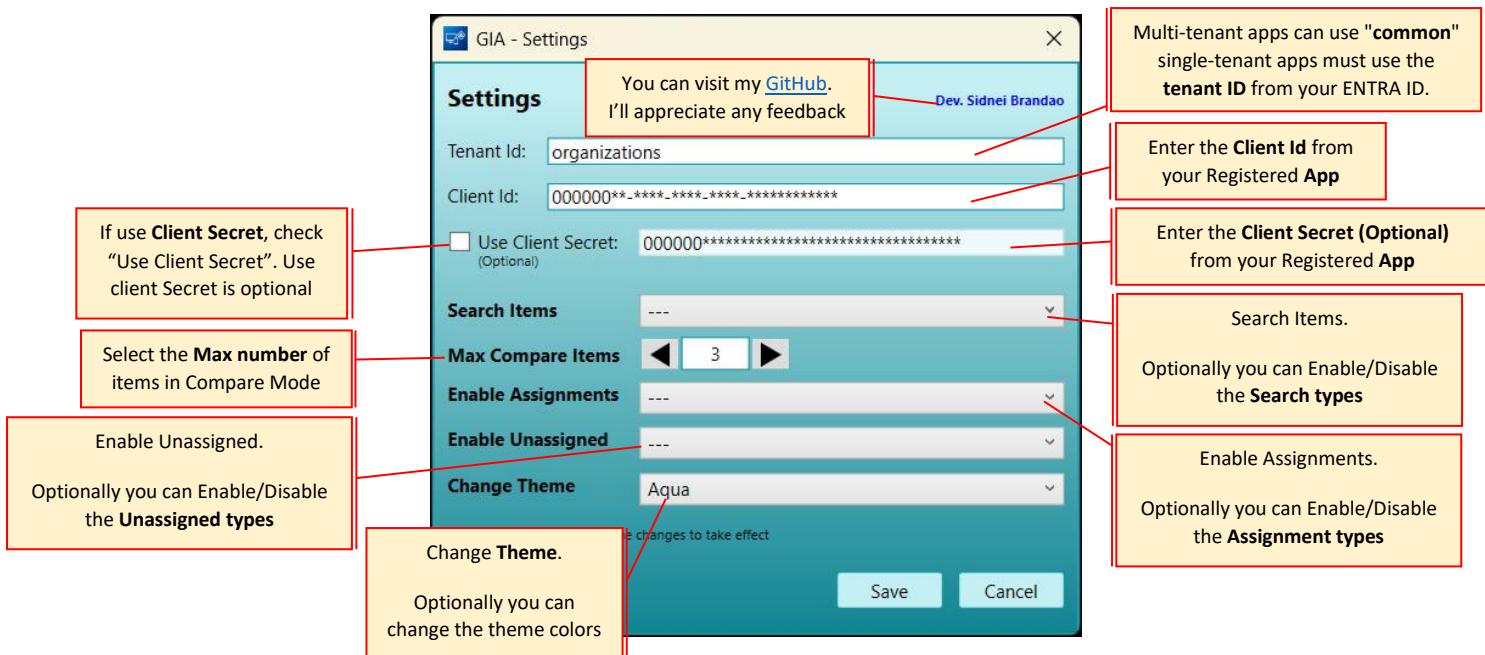
In the Main Windows from **GIA** click the **Settings** button in the **upper right corner**.



Enter your environment data like **Client Id**, **Tenant Id**.

Set all configurations you want.

Then click **Save** button to save the **settings**.



Note

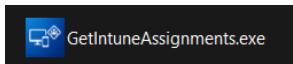
Be sure to enter the correct application (Client Id) from your registered app to ensure GIA Works properly.

Get Intune Assignments Will **Restart** to apply the changes.

Running Get Intune Assignments (GIA) Application.

After configuring all the settings, you can **Use the application**.

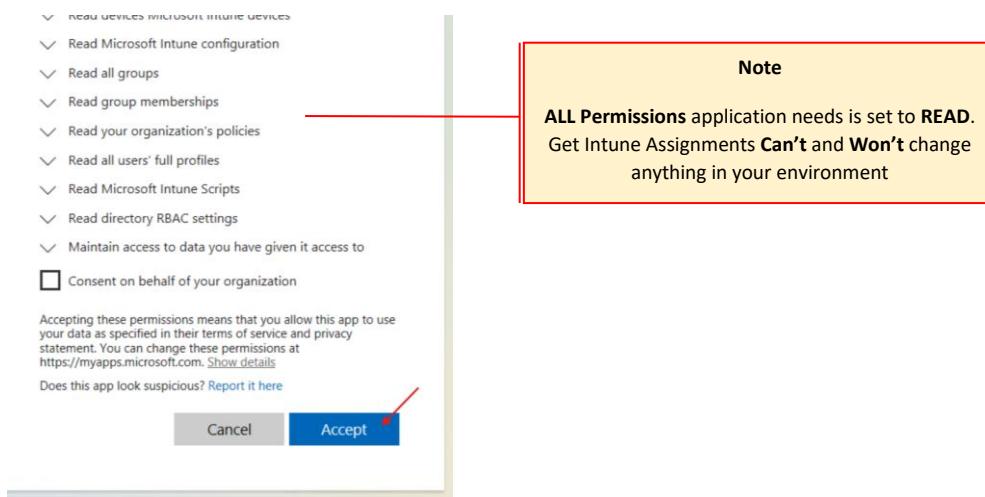
Just execute **GetIntuneAssignments.exe**



The Application will start.

Click on **Sign-In** Button and enter your **Entra ID User** who has **Rights** to **read Intune** and **Entra ID** objects.

Only in the First Time Sign-In using a User, the Permission dialog box will ask you to **consent/accept the permissions**.



Confirm all **READ** permissions.

Then click **Accept Button**

Note

Get Intune Assignments needs **Read Only** permissions.

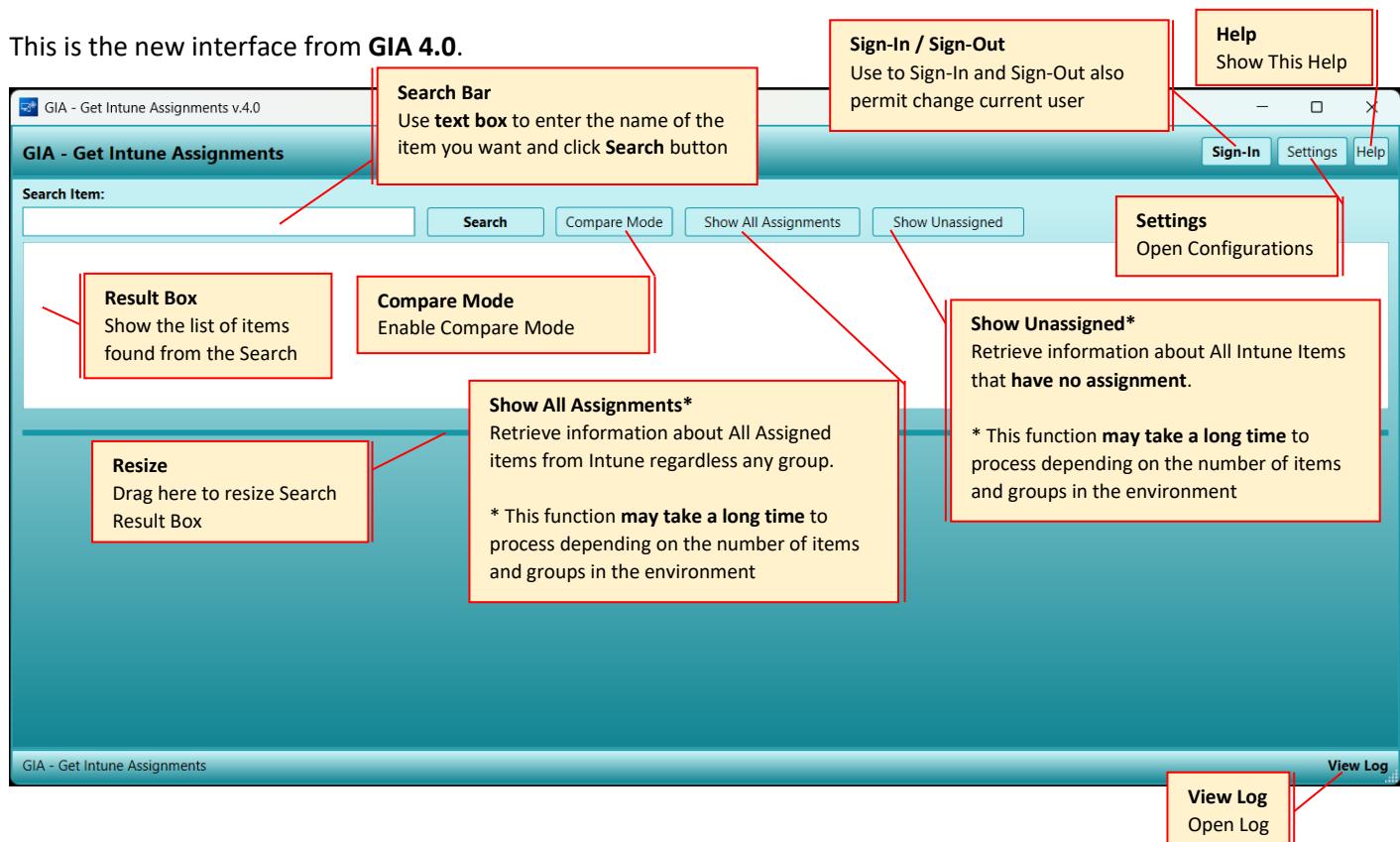
The App will **NEVER** change anything in your environment.

After the Accept you can see the user is **Signed In**:



GIA Interface.

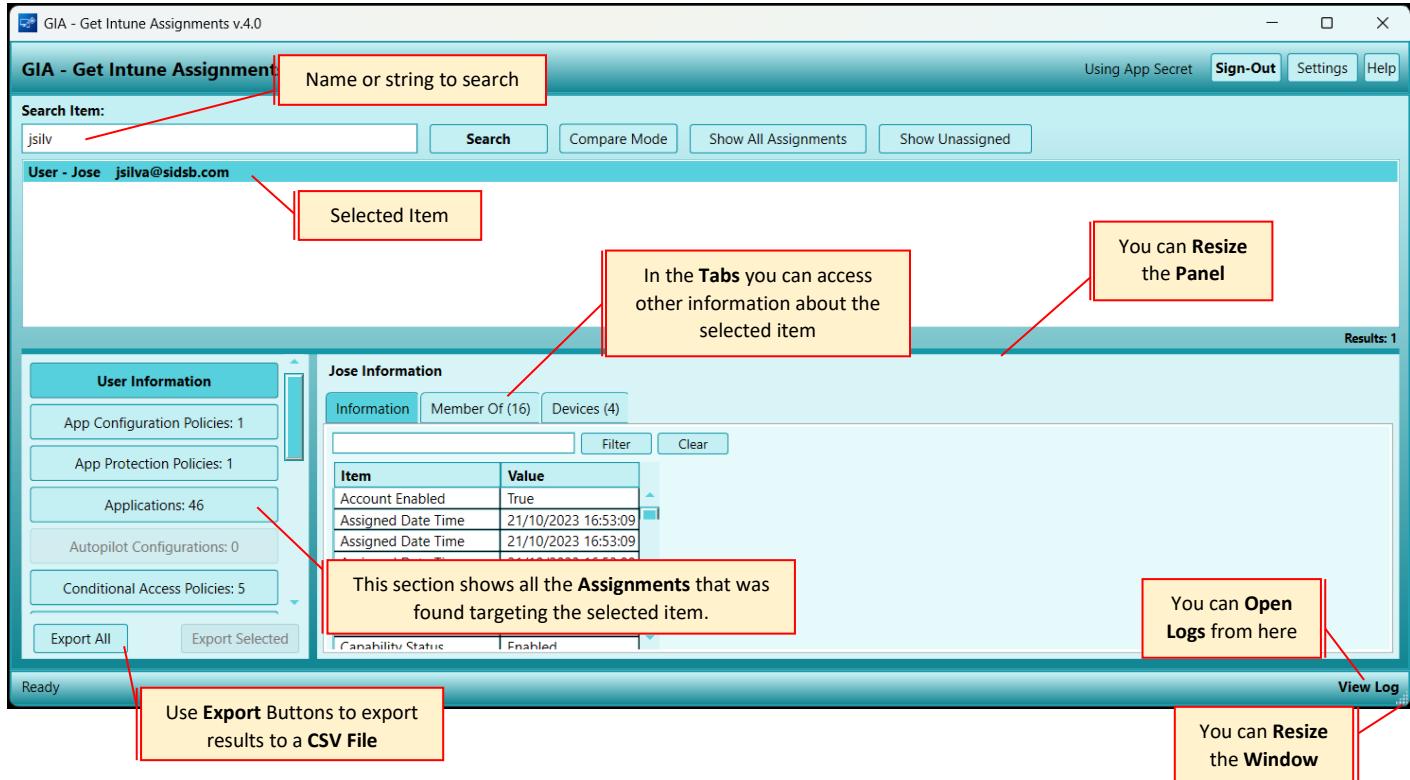
This is the new interface from **GIA 4.0**.



How to get Assignments Information from Intune.

Type any string to search for an item (User, Device or Entra Id Group) and click the **Search** **Button:**
After searching, just **click on the item** you want to retrieve Information.

Example: Searching for a User:

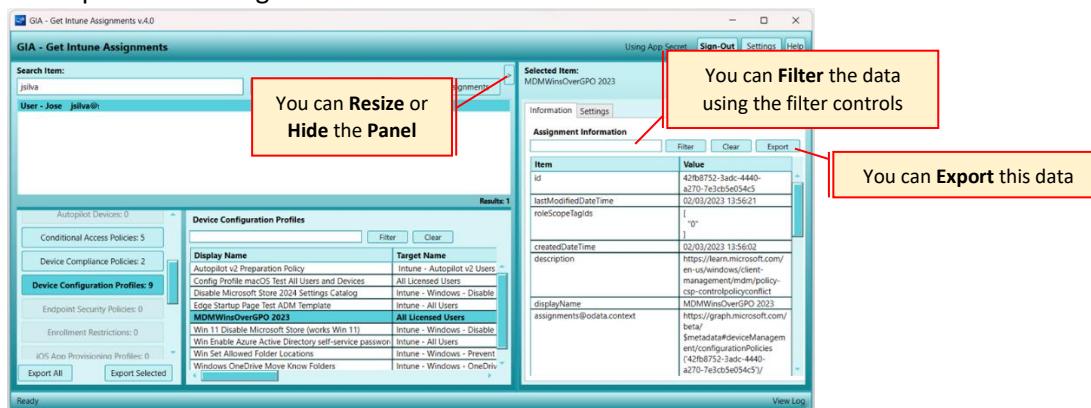


To see Assignments click on any section you want to.

Example Device Configuration Profiles

| User Information | Device Configuration Profiles | | | | | | | | Item, including Target, Type, Intent, Filter, etc. | | | |
|---|---|---|--------------------------------------|-------------------------|------------------------------|------------------------------------|---------------------|---------------------|--|--------------------|--|--|
| App Configuration Policies: 1 | | | | | | | | | Filter | Clear | | |
| App Protection Policies: 1 | | | | | | | | | | | | |
| Applications: 44 | | | | | | | | | | | | |
| Autopilot Configurations: 0 | | | | | | | | | | | | |
| Autopilot Devices: 0 | | | | | | | | | | | | |
| Conditional Access Policies: 5 | | | | | | | | | | | | |
| Device Compliance Policies: 2 | | | | | | | | | | | | |
| Device Configuration Profiles: 9 | | | | | | | | | | | | |
| | Display Name | Target Name | Assignment Type | Intent | Type | Type | Filter Name | Filter Type | Created Date | Last Modified Date | | |
| | Autopilot v2 Preparation Policy | Intune - Autopilot v2 Users | Group Assignment Target | Settings Catalog | Device Configuration Profile | macOS General Device Configuration | None | 26/06/2024 11:21:01 | 26/06/2024 14:32:00 | | | |
| | Config Profle macOS Test All Users and Devices | All Licensed Users | All Licensed Users Assignment Target | Apply | Device Configuration Profile | macOS General Device Configuration | None | 16/02/2024 17:47:16 | 16/02/2024 17:47:16 | | | |
| | Disable Microsoft Store 2024 Settings Catalog | Intune - Windows - Disable Microsoft Store | Group Assignment Target | Settings Catalog | | Windows Personal Exclude | 24/09/2024 18:53:32 | 22/11/2024 17:51:00 | | | | |
| | Edge Startup Test Adam Template | Intune - All Users | Group Assignment Target | Administrative Template | | Custom | None | 02/06/2021 13:59:06 | 02/06/2021 14:10:40 | | | |
| | Edge Startup Test Admin Template | Intune - Administrators | Group Assignment Target | Administrative Template | | Custom | None | 02/06/2021 13:59:06 | 02/06/2021 14:10:40 | | | |
| | Win 11 Disable Microsoft Store (works Win 11) | Intune - Windows - Disable Microsoft Store | Group Assignment Target | Apply | Device Configuration Profile | Windows10 General Configuration | None | 26/09/2023 18:28:45 | 26/09/2023 18:41:50 | | | |
| | Win Enable Azure Active Directory self-service pass | Intune - All Users | Group Assignment Target | Apply | Device Configuration Profile | Windows10 Custom Configuration | None | 17/08/2024 14:43:42 | 08/08/2023 12:35:20 | | | |
| | Win Set Allowed Folder Locations | Intune - Windows - Prevent to save files on | Group Assignment Target | Settings Catalog | | Custom | None | 29/11/2024 16:58:59 | 29/11/2024 20:06:01 | | | |
| | Windows OneDrive Move Known Folders | Intune - Windows - OneDrive KFM | Group Assignment Target | Settings Catalog | | Custom | None | 10/07/2024 11:06:41 | 04/06/2025 20:51:40 | | | |

GIA Shows all the important information. If you want more details just select one of the items and GIA will open a detail panel on the right side:



The information changes depending on the item type.

Example searching for a group:

The screenshot shows the GIA interface for searching an Intune assignment. The search term 'all window' has been entered. The results pane displays a list of groups under 'Intune - Devices - Windows - All'. A red box highlights the 'List group Members' section, which contains the message: 'Show 50 First members from selected Group you can use search to find what you need'. Below this, a table lists 14 members, including AUTOPILOT0171, AUTOPILOT0745, AUTOPILOT1376, AUTOPILOT1559, AUTOPILOT4395, AUTOPILOT4995, AUTOPILOT8973, and AUTOPILOT9194.

Searching for a device:

The screenshot shows the GIA interface for searching an Intune assignment. The search term '0171' has been entered. The results pane displays a list of devices under 'Device - AUTOPILOT0171'. A red box highlights the 'AUTOPILOT0171 Information' section, which contains tabs for 'Information', 'Member Of (12)', and 'Primary User'. The 'Information' tab shows details like Aad Registered (True), Account Enabled (True), and Approximate Last Sign In Date Time (10/10/2025 11:29:02). Another red box highlights the 'Device Information' sidebar, which includes sections for Device Compliance (4), Device Configurations (50), Applications (3), Autopilot Configurations: 3, and Autopilot Devices: 1.

Some Intune Objects can show data in New Tab Settings for example Update Rings, Some Configuration Policies, Apps, etc.:

The screenshot shows the GIA interface for searching an Intune assignment. The search term '0171' has been entered. The results pane displays a list of devices under 'Device - AUTOPILOT0171'. A red box highlights the 'Windows Updates' section, which shows a table for 'Windows General Availability channel Auto install and restart at maintenance time'. This table includes columns for Item and Value, such as allowWindows11Upgrade (True) and automaticUpdateMode (Automatic). Another red box highlights the 'Settings' tab in the top right corner of the main interface, with the message: 'New Settings Tab Show the settings from selected object in the assignments results. You can filter and/or export the data.' The 'Information' tab is also visible.

New Items to search.

Beginning with **GIA3**, in addition to the standard search for Entra ID **groups**, you can also search for **devices** and **users**.

Also, was added the capability to search for **Entra ID Groups** using the object ID. This can be useful to search for deleted groups.

You can search by the following fields:

- Group Name
- Device Name
- User Display Name or UPN (mail)

Check the **example** below:

GIA - Get Intune Assignments

Search Item:

autop

Group - Intune - AutoPilot Users
Group - Intune - Autopilot v2 Devices
Group - Intune - Autopilot v2 Devices - Dynamic
Device - AUTOPILOT0171
Device - AUTOPILOT0745
Device - AUTOPILOT1559

Searching “**autop**” on this environment brings **Groups** and **Devices**.
Note the identifier “**Group**” or “**Device**” in each item.

- If enabled from Configuration, you can search for Entra ID **Group** by **Object ID**

GIA - Get Intune Assignments

Search Item:

5381d2e5-bf53-44c6-ad58-8e4775f7527c

Group - 5381d2e5-bf53-44c6-ad58-8e4775f7527c

Note

To enable search by **Group ID**, you must first activate this feature within the **GIA settings**. The search function performs an **exact match query**, which requires the **full Group ID** to be entered precisely. Partial or incomplete IDs will not yield results.

New Compare Mode.

Beginning with **GIA4**, the platform introduces the capability to perform **assignment comparisons** between items.

By **default**, GIA allows for the comparison of assignments across **2 to 3 items** (Users, Devices, or Groups).

This limit can be increased to a maximum of **20 items** through the **GIA Settings**.

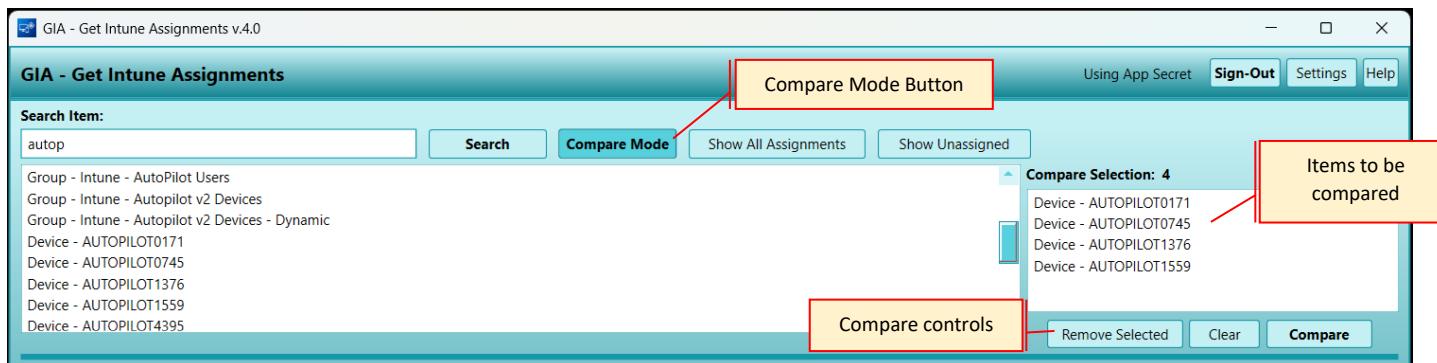
Comparison functionality supports mixed item types.

Note

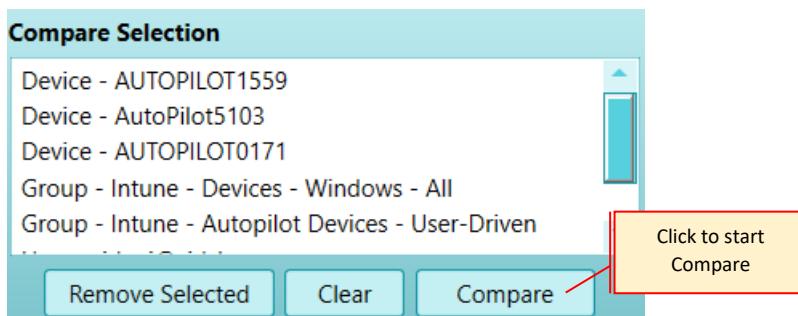
Comparing many items may significantly increase the processing time.

How to Use

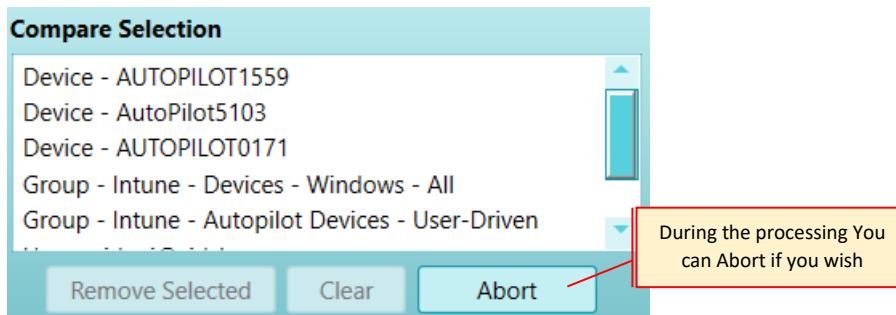
At any time, you can click the **Compare Mode** button from GIA, search for the items and add them to the **Compare Selection Box**:



After adding all items you want, just click **Compare Button**:



Wait the compare to finish



Compare Results

Gia will display a table like the following:

The screenshot shows the GIA - Get Intune Assignments v.4.0 interface. At the top, there's a search bar with 'windows' typed in, a 'Search' button, and a 'Compare Mode' button which is highlighted in blue. To the right of the search area are buttons for 'Using App Secret', 'Sign-Out', 'Settings', and 'Help'. Below the search bar, a list of assignment types is shown, including 'Group - ConfigMgr - Devices - Windows - All', 'Group - Intune - Devices - Windows - All', and 'Group - Intune - Devices - Windows - Shared Multi-User'. A 'Compare Selection' box on the right lists five items: 'Device - AUTOPILOT0171', 'Device - AUTOPILOT0745', 'Device - AUTOPILOT1376', 'Device - AUTOPILOT1559', and 'Group - Intune - Devices - Windows - All'. Below this, a table titled 'Device Compliance Policies' compares these five items across four devices: AUTOPILOT0171, AUTOPILOT0745, AUTOPILOT1376, and AUTOPILOT1559. The table also includes a column for 'Intune - Devices - Windows'. The legend indicates: a green checkmark for 'Present', a red X for 'Absent', and a yellow triangle for 'Exclusion'. The table data is as follows:

| Object | DisplayName | AUTOPILOT0171 | AUTOPILOT0745 | AUTOPILOT1376 | AUTOPILOT1559 | Intune - Devices - Windows |
|----------------------------|--------------------------------|---------------|---------------|---------------|---------------|----------------------------|
| Device Compliance Policies | Compliance Policy SidSB.com | ✓ | ✓ | ▲ | ✓ | ✓ |
| Device Compliance Policies | Windows Compliance Policy Test | ✓ | ✗ | ✗ | ✗ | ✗ |

On the left side of the main content area, there's a sidebar with various policy counts: 'App Configuration Policies: 0', 'App Protection Policies: 0', 'Applications: 8', 'Autopilot Configurations: 4', 'Conditional Access Policies: 0', and 'Device Compliance Policies: 2'. At the bottom of the sidebar are 'Export All' and 'Export Selected' buttons. The bottom right corner of the interface has a 'View Log' link.

✓ (Present) – Indicates that the **device**, **user** or **group** listed in the column is currently **receiving this object** through an active **assignment**.

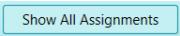
✗ (Absent) – Indicates that the **device**, **user** or **group** specified in the column **does not have this object assigned**.

▲ (Exclusion) – Indicates that the **device**, **user** or **group** has this assignment, but it is set as an **exclusion**.

Retrieving Information from All Intune Assignments.

You can retrieve **all Intune assignments**, regardless of groups, users or devices.

In this case, you don't need to look for any item.

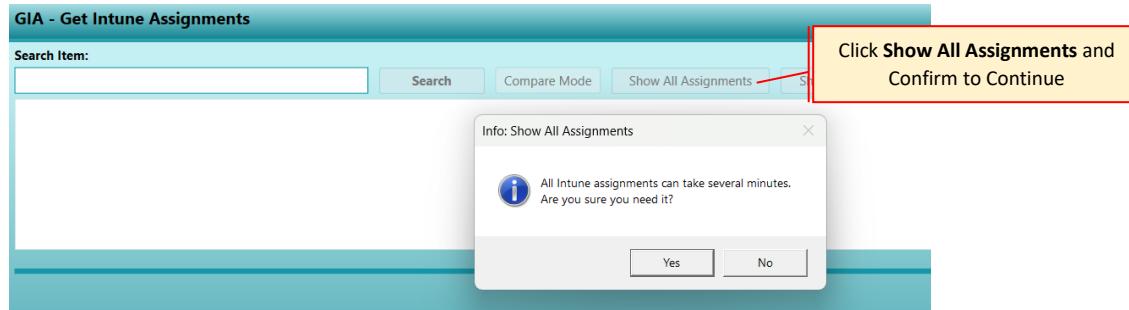
Just click the  button and confirm.

Note

In this function, GIA **only displays items that have Assignments**. If you don't see an item in your environment, it probably doesn't have an assignment for any user, device, or group.

Note

Keep in mind that this action **may take a long time** to process depending on the number of assignments in the environment.



Retrieving Information from All Unassigned Items.

Starting in GIA 4.0, you can now retrieve **all Intune unassigned items**, this function will retrieve all items that you have in Intune without any group, device or user in assignments.

In this case, you don't need to look for any item.

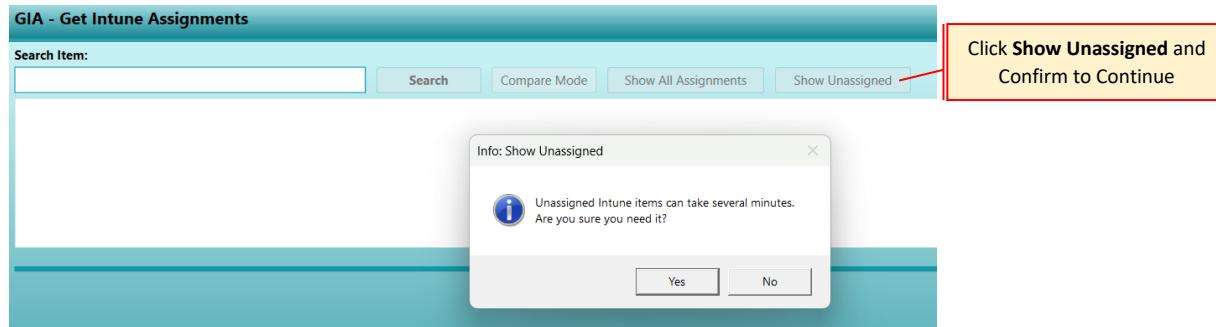
Just click the  button and confirm.

Note

In this function, GIA only displays **items that do not have any assignments**. If you do not see an item from your environment in the results, it is probably because the item has assignments for some user, device, or group.

Note

Keep in mind that this action **may take a long time** to process depending on the number of assignments in the environment.



Version History

ver. 4.0 – October 27, 2025

Added two new themes: aqua and game.

All internal graph and azure authentication packages were updated to improve performance and security.

Created new Tab Settings for assignment information.

Redesigned interface for better visualization.

Added Functions:

- Compare Mode.
- Created new tab devices when selecting a user.
- Created new tab hardware when selecting a device.
- Device Information now brings all information including extension attributes.
- Enabled multi-threading to get assignments faster.
- New Tab Settings bring information about the item settings.
- Retrieve Windows 365 assignments.
- Show Unassigned items.
- Tab Settings for proactive remediation can bring PS1 script decoded.
- Tabs with information now, bring information about the assignment.
- Windows 365 and Cloud PC assignments.

Bug Fix:

- CA role based not showing CA name.
- Fixed export CSV was not exporting data from columns assignment and intent for applications.
- Fixed iPhone and iPad devices don't show configurations and compliances.
- Fixed not showing assignment type in Update Rings.
- Item information was reloaded every time you clicked on it.
- Multiples of error messages when expire token.
- Renew token if expires when leave GIA opened for long time.
- Unable to retrieve scripts and remediation information because the new required Graph API permission.

ver. 3.1 – Jun 18, 2024

Implementation of new tabs in Device Information.

Removed status tabs from selected assignments.

Search limited to 100 results for best performance.

Added Functions:

- Retrieve Conditional Access (CA) assignments based on roles.
- Windows Updates including Rings, Quality, Features and Drivers.

Bug Fix:

- CA excluded by group was not showing to user member.
- CA for all users was not working.
- Fixed error when multiple clicks in assignments list.
- Fixed error when user have assignments in uplevel groups.
- Fixed display name missing from policy sets in logs.
- Fixed filters function to filter without need to click clear button first.
- Fixed log information during the search.
- Fixed text information when selecting a user from search.

ver. 3.0 – April 04, 2024

Added new themes including accessibility high contrast.

Created a new settings dialog box with combos.

Created a new panel for assignment detail.

Created a new panel for details about group members.

Logs folder location changed to %temp% folder.

New icon.

New title bar with Maximize/Restore function.

Re-design window appearance.

Removed the undock window function.

Show the result status of the assignment.

New information tabs for assignments, groups, devices and users.

Added Functions:

- Autopilot devices.

- Bring assignments target All Devices and All Users.
- Clear button in membership search.
- Filter assignments resulting information.
- Information about Logged on user.
- Information about Primary User for devices.
- Information from Group, devices and users.
- Member of from devices and users.
- Merged all types of devices configurations in a single assignment item.
- Status information from assignments (which are support).
- Search assignments in Uplevel groups.
- Search and retrieve information for devices and users.
- Search function for members.
- Search group by ID.

Bug Fix:

- Created a clear button in the member search box.
- Fixed catalog settings missing assignments.
- Fixed columns in export csv file.
- Fixed group search limit.
- Fixed groups names on logs.
- Fixed missing status bar messages.
- Fixed tip color from Dark theme
- Hand cursor for all buttons.
- Search limit results for groups.

ver. 2.1 - Mai 25, 2023

Re-design window appearance.

Removed description column.

Single window app.

Added Functions:

- Export All or Selected Assignment Types.
- Group Information.
- Member Detail.
- Member Search.
- Undock / detach Result Window.

Bug Fix:

- Error when app size is too big.
- Export All be inactive when any assignments are unchecked from settings.
- Fixed Graph paging when the result exceeds a number of results.
- Fixed Group information devices Ids.
- Fixed interface errors.
- Fixed theme colors missing objects.
- Group members count was not working.

ver. 2.0 - April 17, 2023

Added inclusion or exclusion group information for supported assignments.

Checking Intune Assignments scroll bar support.

Encrypted tenant data in config file.

Multi window support.

Scroll bar on Assignments window.

Setting new options to enable/disable assignments information.

Added Functions:

- Autopilot Configurations.
- Enrollment Restrictions.
- iOS App Provisioning Profiles.
- Proactive Remediations.

Bug Fix:0

- Fixed multi errors messages when a group couldn't be retrieved.
- Fix checkbox color in dark theme.
- Fixed CSV Export Format.
- Fixed Description texts.
- Fixed Sign-Out when using app secret.
- Minor interface bugs fixed.

ver. 1.5 – November 07, 2022

- Added support to use app secret (optional).
- Apps now show available or required.
- Introducing the Acronym GIA.
- Added Functions:
 - Policy Sets.
- Bug Fix:
 - PowerShell Scripts missing from report.

ver. 1.4a – September 23, 2022

- Graphical Interface enhancements.
- New title bar and window visuals.
- Added Functions:
 - Auto Restart when changing Settings.
- Bug Fix:
 - Fixed Messages Box to show correct information.
 - Export to file now include all Items.
 - Minor bugs fixed.
 - Save config file if was changed.
 - Windows position in current monitor.

ver. 1.3b – September 20, 2022

- Added Dark theme.
- Created customized Title Bar.
- Created Settings dialog to configure client id and tenant.
- First Beta version was released.
- Added Functions:
 - App Configuration Policies.
 - App Protection Policies.
- Bug Fix:
 - Fixed Alphabetical order in results.

ver. 1.3a – September 14, 2022

- Created Help function and Doc.
- Released this version to Alpha Test.
- Added Functions:
 - Export to CSV File.
 - Show All Intune Assignments Regardless of Entra ID Group.
- Bug Fix:
 - Fixed error on export Applications with Description in Multiline.
 - Minor errors fixed.

ver. 1.2b – September 10, 2022

- First beta version using C#.Net.
- Added Functions:
 - Conditional Access.
 - Created Sign-Out Function.
 - Created writeLog Function.
 - PowerShell Scripts.

ver. 1.2a – September 09, 2022

- Added Functions:
 - Applications.
 - Device Compliance Policies.
 - Device Configuration Profiles.
 - Device Settings Catalog.
 - Endpoint Security Policies.
- Bug Fix:
 - Fixed Dialog Windows.
 - Minor errors fixed.

ver. 1.1a – September 02, 2022

Added Functions:

- Applications.
- Device Compliance Policies.

Bug Fix:

- Fixed interface commands to Search.
- Enhanced GUI objects.
- Minor errors fixed.

ver. 1.0a - August 30, 2022

Created the Main Window form.

Function to Check Adm Templates.

Function to search AAD Groups.

Starting to rebuild in C# .NET framework.

ver. 0.2b - August 25, 2022

Added Endpoint Security Policies.

Bug Fix:

- Minor errors fixed.

ver. 0.1c - August 24, 2022

Removed the need for Azure AD Module increasing speed in Groups query.

Bug Fix:

- Fix two requests for authentication.
- GUI fixes and improvements.
- If a new group was created with Script running it was not possible to find it.
- Fix description column position.
- Fix groups search.

ver. 0.1b - August 22, 2022

Created the name “Get Intune Assignments”.

Function to search and retrieve assignments from the selected group.

Function to retrieve all Assigned items from Intune regardless of any group.

The First version of who worked without many bugs.

Added Functions:

- Applications.
- Device Configuration Profiles.
- Delivery Optimization.
- Device Restrictions.
- Identity Protection.
- Trusted Certificate.
- Device Settings Catalogs.
- PowerShell Scripts.

ver. 0.1a - July 27, 2022

The First version with GUI.

Added Administrative Templates and Device Catalogs.

ver. 0.0b - July 05, 2022

New script to get Compliance Policies.

ver. 0.0a - June 15, 2022

Just a bunch of command line scripts in PowerShell to get Configuration Profiles and Apps.

Thanks to all who collaborate and gave feedback to make GIA Better.