

Sanctions Checker WHMCS Addon

WHMCS addon module that screens clients against international sanctions lists (US CSL via trade.gov API, EU FSF and Canada DFATD-SEMA via OpenSanctions mirrors, blocked countries) with automatic checks on registration, profile update, checkout, and cron schedule. Opens deduplicated support tickets on match, optionally changes client status and group. Includes FraudRecord and IPQualityScore fraud checks with reporting.

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- Automation and cron

- How the matching engine works
- Cron automation & check queue

Description

PUQ Sanctions Checker module **WHMCS**

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PUQ Sanctions Checker WHMCS Module

PUQ Sanctions Checker is an enterprise-grade WHMCS addon module designed to automate compliance, prevent fraud, and secure your hosting business. It screens clients against international sanctions lists, national blocklists, and fraud databases in real time or via a background queue.

The module is built with a **full-AJAX administrative interface** and integrates directly into WHMCS admin workflows (such as client profiles and ticket creation) without requiring page reloads or interrupting the customer registration process.

Key Features & Capabilities

1. Intelligent Three-Method Matching Engine

To prevent evasion while minimizing false positives, the module features a sophisticated, configurable matching engine:

- **Trigram Matching:** Compares name subsequences to handle typos, spelling differences, and transliteration variations (e.g., matching `ДМИТРИЙ` to `Dmitriy` or `Dmitry`).
- **Per-Word Matching:** Analyzes individual words in names to catch middle names,

reverse name orders, and surname-only lists.

- **Exact Matching:** Fast lookup of exact spelling matches.
- **Adjustable Thresholds:** Custom percentage scores can be defined for trigram and per-word matching methods to fine-tune the screening sensitivity.

2. Multi-Source Sanctions Screening

Clients are matched against multiple authoritative databases simultaneously:

- **US Consolidated Screening List (CSL):** Direct, real-time API queries combining 11 US government lists (including OFAC SDN, State Department, and BIS Entity Lists).
- **EU Financial Sanctions Files (FSF):** Synced daily and mirrored locally into the WHMCS database from OpenSanctions.
- **Canada DFATD-SEMA List:** Canada's Special Economic Measures Act sanctions, mirrored locally.
- **Country Blocklist:** Customizable country blocklist matching against ISO-2 country codes.

3. Integrated Fraud Check (FraudRecord & IPQualityScore)

In addition to sanctions screening, the module performs real-time fraud checks:

- Live lookup of client details against **FraudRecord** and **IPQualityScore**.
- Injects live fraud scores, IP risk ratings, and email compromise alerts directly into the WHMCS client profile page.
- Direct **Abuse Reporting** form within the WHMCS admin card to submit reports to fraud services with one click.

4. Background Queue & Cron Automation

To ensure that client checkouts, registration, and profile edits remain fast, the module utilizes a background queue:

- **Asynchronous Execution:** Instead of waiting for external APIs during checkout, checks are enqueued and processed asynchronously by the background cron.
- **Scheduled Mass Re-checks:** Set the module to automatically re-screen your entire active client base on a daily, weekly, or monthly schedule.
- **Real-time Fallback:** If the background queue ever fails, the module falls back to real-time screening to guarantee that no screening is missed.

5. Verification (Whitelist) Workflow

Manage false positives easily with a structured verification system:

- Mark checked clients as **Verified** to bypass subsequent automated checks during orders or mass cron sweeps.
- **Admin Audit Trail:** The module records a snapshot of the verifying administrator (ID, username, email, time) and displays it inside the verification badges.
- **Automatic Reset:** If a verified client edits their profile, their verified status is automatically reset and they are re-queued for checking.

6. Interactive Admin Console

- **Dashboard Overview:** Live counter cards showing total checks, matching records, whitelist statistics, and sync states.
- **List Entries Browser:** Full-featured search and filtering tool to inspect exact names and raw entities mirrored from OpenSanctions.
- **Direct Entity Links:** All matching results link directly to the corresponding **OpenSanctions** entity profiles for rapid manual audit.
- **Database Schema Verification:** Built-in declarative schema validator checks and updates missing DB tables and columns non-destructively in one click.

System Requirements

Requirement	Minimum
WHMCS	8.x or higher
PHP	7.4, 8.1, or 8.2
Remote API	trade.gov CSL API, FraudRecord, IPQualityScore (optional)
ionCube Loader	v13 or newer

Module Components

Component	Type	Directory
Addon Module	puq_sanctions_checker	modules/addons/puq_sanctions_checker /

Important Links

- **Official Product Page:** <https://puqcloud.com/whmcs-addon-puq-sanctions-checker.php>
- **Documentation Book:** <https://doc.puq.info/books/sanctions-checker-whmcs-addon>
- **GitHub Repository:** <https://github.com/puqcloud/WHMCS-Addon-PUQ-Sanctions-Checker>
- **Technical Support:** <https://puqcloud.com/submitticket.php?step=2&deptid=1>

Screenshots

Administrative Dashboard

PUQcloud

[Home](#) [Clients](#) [List Entries](#) [Log](#) [Configuration](#)

Help v1.0.0

Sanctions Checker Dashboard

5 client(s) currently match sanctions lists — review them now

16Clients total

7Clients checked

5Matches

2Clean

5602Entries: Canada (DFATD-SEMA)

5894Entries: EU (FSF)

Sanctions sources

Last lists synchronization: 2026-07-08 02:42:30

Sync sanctions lists now

Last mass check

Last mass check: 2026-07-08 02:40:28 | Pending in queue: 0

Check all clients now

Database

Verifies all module tables and creates any missing tables or columns (e.g. after a module update). Non-destructive: nothing is ever dropped.

Check database tables

Screening Results Audit

Screening Results

- AllMatchesCleanVerified

ID	Client	Email	Country	Status	Score	Matches	Ticket	Checked At	
7	Julia Noga (Test Company)	yuliiia.noha@puq.pl	PL	MATCH	100	[eu_fsrf] Test Tafsir (100) [eu_fsrf] 33rd Central Scientific Research and Testing Institute of the Ministry of Defence of the Russian Federation (alias: 33e centraal wetenschappelijk instituut voor onderzoek en tests van het Ministerie van Defensie van de Russische Federatie) (89) [eu_fsrf] Great Islamic Eastern Warriors Front (alias: Marele Front de Est Islamic al Războinicilor) (86) [eu_fsrf] Rah Sahel est. (86) [eu_fsrf] ISIL-South East Asia (alias: Divizia Statul Islamic din Asia de Est) (86)	#235	2026-07-08 02:42:44	RecheckMark as Verified
2	Dmytro Kravchenko	dmytro.kravchenko@puq.pl	UA	MATCH VERIFIED	50	[ca_dfatd] Iryna Viktorovna KRAVCHENKO (50) [ca_dfatd] Elena Valerievna KRAVCHENKO (50) [ca_dfatd] Denis Borisovich KRAVCHENKO (50) [ca_dfatd] Vladimir Kazimirovich KRAVCHENKO (50) [eu_fsrf] Elena Valerievna KRAVCHENKO (50) [eu_fsrf] Денис Борисович КРАВЧЕНКО (50) [eu_fsrf] Владимир Казимирович КРАВЧЕНКО (50) [ca_dfatd] Vasily Olegovich AVCHENKO (44)	#236	2026-07-08 02:44:40	RecheckRemove Verification
14	Outlook Test	it.puq@outlook.com	FR	MATCH	50	[eu_fsrf] Test Tafsir (50) [eu_fsrf] 33rd Central Scientific Research and Testing Institute of the Ministry of Defence of the Russian Federation (alias: 33e centraal wetenschappelijk instituut voor onderzoek en tests van het Ministerie van Defensie van de Russische Federatie) (44) [eu_fsrf] Great Islamic Eastern Warriors Front (alias: Marele Front de Est Islamic al Războinicilor) (43) [eu_fsrf] Rah Sahel est. (43) [eu_fsrf] ISIL-South East Asia (alias: Divizia Statul Islamic din Asia de Est) (43)	#237	2026-07-08 02:43:00	RecheckMark as Verified
13	yahoo testq	it.puq@yahoo.com	FR	MATCH	44	[eu_fsrf] Test Tafsir (44)	#238	2026-07-08 02:42:57	RecheckMark as Verified
4	Super User	test.puq@gmail.com	UA	MATCH	43	[ca_dfatd] ANO NPC Ushkuynik (alias: ANO SPC Ushkuynik and Autonomous non-profit Organisation "Scientific and Production Center for Testing and Competence in the Field of Development of Unmanned Aircraft Systems and Means of Protection Against their Illegal Use "Ushkuynik") (43) [eu_fsrf] 185th Center for Combat Use and Combat Purpose of the Aerospace Forces "Akhukuk" (43) [eu_fsrf] Autonomous non-profit Organisation "Scientific and Production Center for Testing and Competence in the Field of Development of Unmanned Aircraft Systems and Means of Protection Against their Illegal Use "Ushkuynik" (43)	#239	2026-07-08 02:42:55	RecheckMark as Verified
1	Ruslan Polovyi	ruslan@polovyi.com	PL	CLEAN	0		#232	2026-07-08 02:43:35	Recheck
9	Julia Noga	july.noga@gmail.com	PL	CLEAN	0			2026-07-08 00:37:05	Recheck

Changelog

PUQ Sanctions Checker module **WHMCS**

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v1.0.0 — 11-07-2026

Initial release of the PUQ Sanctions Checker module for WHMCS, enabling automated screening of clients against international sanctions lists and fraud databases.

Sanctions Screening Engine

Integrated US CSL API (combining 11 US lists) with fuzzy name matching, and local database mirrors for EU FSF and Canada DFATD-SEMA. Added country blocklists.

Automated and Manual Triggers

Added automated background screening on client registration, profile updates, and checkouts. Integrated manual triggers directly on client profile page and the admin UI dashboard.

Verification & Fraud Check

Implemented false-positive verification workflow, ticket automation on match, and fraud check integration with FraudRecord and IPQualityScore.

Installation and update

Guide on how to install, update, and uninstall PUQ Sanctions Checker.

WHMCS Module Installation and Update

PUQ Sanctions Checker module **WHMCS**

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System Requirements

Requirement	Minimum
WHMCS	8.x or higher
PHP	7.4, 8.1, or 8.2
ionCube Loader	v13 or newer

“ **Note:** The module is encrypted with ionCube. Ensure that the correct ionCube Loader version is active on your web server.

Download

The module is distributed as a single ZIP archive. A separate build is published for each supported PHP major version.

All versions and historical builds are available in the index:

- https://download.puqcloud.com/WHMCS/addons/PUQ_WHMCS-Sanctions-Checker/

Direct "latest" downloads

PHP 8.2

```
wget https://download.puqcloud.com/WHMCS/addons/PUQ_WHMCS-Sanctions-Checker/php82/PUQ_WHMCS-Sanctions-Checker-latest.zip
```

PHP 8.1

```
wget https://download.puqcloud.com/WHMCS/addons/PUQ_WHMCS-Sanctions-Checker/php81/PUQ_WHMCS-Sanctions-Checker-latest.zip
```

PHP 7.4

```
wget https://download.puqcloud.com/WHMCS/addons/PUQ_WHMCS-Sanctions-Checker/php74/PUQ_WHMCS-Sanctions-Checker-latest.zip
```

“ Not sure which PHP version your WHMCS runs on? Check **Utilities > System > PHP Info** in the WHMCS admin area.

Installation

Step 1: Unzip the Archive

On your WHMCS server (or locally):

```
unzip PUQ_WHMCS-Sanctions-Checker-latest.zip
```

Step 2: Copy the Module Files

Copy the extracted module directory directly to your WHMCS directory:

```
cp -r PUQ_WHMCS-Sanctions-Checker/puq_sanctions_checker /var/www/html/whmcs/modules/addons/
```

Step 3: Activate and Configure the Addon Module

1. Log in to the WHMCS admin area.
2. Navigate to **System Settings > Addon Modules** (or **Setup > Addon Modules** in older WHMCS versions).
3. Find **PUQ Sanctions Checker** in the list and click **Activate**.
4. Click **Configure**, enter your **License Key**, and select the admin groups allowed to access the module.
5. Click **Save Changes**.

File Structure

Structure of files after a successful installation:

```
whmcs /  
├── modules /  
│   ├── addons /  
│   │   └── puq_sanctions_checker /      # Addon files
```

Update Procedure

To update the module to a newer version:

1. **Deactivate** the addon module in **Setup > Addon Modules** (System Settings > Addon Modules).
2. Make a backup of your WHMCS files and database.
3. Download the latest version for your PHP version.
4. Extract the ZIP and overwrite the existing files in the `modules/` directories.
5. **Reactivate** the addon module in **Setup > Addon Modules** (this will trigger database migrations). All settings and client data are safe during this process.

Activation and permissions

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To activate the module and set up permissions, follow these steps:

1. Log in to your WHMCS Admin Area.
2. Navigate to **System Settings > Addon Modules** (or **Setup > Addon Modules** in older WHMCS versions).
3. Locate **PUQ Sanctions Checker** in the list and click **Activate**.
4. Once activated, click **Configure** next to the module name.
5. In the configuration panel:
 - Enter your **License key** (provided upon purchase).
 - Under **Access Control**, select the administrative role groups (e.g., Full Administrator, Support) that are permitted to access and manage this module.
6. Click **Save Changes**.

» PUQ Sanctions Checker Screens clients against sanctions lists (US CSL, EU FSF, Canada DFATD-SEMA, blocked countries) and fraud databases (FraudRecord, IPQualityScore)		1.0.0		Activate	Deactivate	Configure
License key	XXXXXX-XXXXXX-XXXXXX-XXXXXX-XXXXX success: 2027-07-07T18:45:04Z					
Access Control	Choose the admin role groups to permit access to this module: ☒ Full Administrator ☒ Sales Operator ☒ Support Operator ☒ test					
Save Changes						

Admin area

Using the admin interface and managing screening results, settings, and logs.

Dashboard

PUQ Sanctions Checker module **WHMCS**

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Addons → Sanctions Checker → Home — the operational overview of the module.

PUQ Sanctions Checker

 Home Clients List Entries Log Configuration

Help v1.0.0

Sanctions Checker Dashboard

5 client(s) currently match sanctions lists — review them now

16
Clients total

7
Clients checked

5
Matches

2
Clean

5602
Entries: Canada (DFATD-SEMA)

5894
Entries: EU (FSF)

Sanctions sources

Last lists synchronization: 2026-07-08 02:42:30
[Sync sanctions lists now](#)

Last mass check

Last mass check: 2026-07-08 02:40:28 | Pending in queue: 0
[Check all clients now](#)

Database

Verifies all module tables and creates any missing tables or columns (e.g. after a module update). Non-destructive: nothing is ever dropped.
[Check database tables](#)

Statistics cards

Card	Meaning
Clients total	All clients in WHMCS.
Clients checked	Clients that have at least one screening result.
Matches	Clients currently matching sanctions lists — the red alert on top links straight to the filtered list.
Clean	Clients checked with no findings.
Entries: Canada / EU	Number of sanctions list entries in the local database.

Sanctions sources panel

Shows the time of the last list synchronization. **Sync sanctions lists now** downloads the enabled OpenSanctions mirrors immediately (the daily cron does the same automatically).

Last mass check panel

Shows the last mass check time and the number of checks **pending in the queue**. **Check all clients now** starts a mass check:

- with **Queue the mass check** enabled (default) the clients are added to the queue and the cron processes them within minutes;
- with the queue disabled the check runs in your browser in batches with a progress bar.

Database panel

Check database tables verifies all module tables and creates any missing tables or columns (useful after a module update). It is non-destructive — nothing is ever dropped — and displays a per-table report (`|created|` / `|altered|` / `|unchanged|`).

Screening results

PUQ Sanctions Checker module **WHMCS**

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Addons → Sanctions Checker → Clients — every client that has been screened, with the full match details.

PUQ Sanctions Checker

PUQcloud

Home

Clients

List Entries

Log

Configuration

Help - v1.0.0

Screening Results

AllMatchesCleanVerified

ID	Client	Email	Country	Status	Score	Matches	Ticket	Checked At	
7	Julia Noga (Test Company)	yulilia.noha@puq.pl	PL	MATCH	100	[eu_fsrf] Test Tafsir (100) [eu_fsrf] 33rd Central Scientific Research and Testing Institute of the Ministry of Defence of the Russian Federation (alias: 33e centraal wetenschappelijk instituut voor onderzoek en tests van het Ministerie van Defensie van de Russische Federatie) (89) [eu_fsrf] Great Islamic Eastern Warriors Front (alias: Marele Front de Est Islamic al Râzboiniclor) (86) [eu_fsrf] Rah Sahel est. (86) [eu_fsrf] ISIL-South East Asia (alias: Divizia Statul Islamic din Asia de Est) (86)	#235	2026-07-08 02:42:44	RecheckMark as Verified
2	Dmytro Kravchenko	dmytro.kravchenko@puq.pl	UA	MATCH VERIFIED	50	[ca_dfatd] Iryna Viktorovna KRAVCHENKO (50) [ca_dfatd] Elena Valerievna KRAVCHENKO (50) [ca_dfatd] Denis Borisovich KRAVCHENKO (50) [ca_dfatd] Vladimir Kazimirovich KRAVCHENKO (50) [eu_fsrf] Elena Valerievna KRAVCHENKO (50) [eu_fsrf] Денис Борисович КРАВЧЕНКО (50) [eu_fsrf] Владимир Казимирович КРАВЧЕНКО (50) [ca_dfatd] Vasily Olegovich AVCHENKO (44)	#236	2026-07-08 02:44:40	RecheckRemove Verification
14	Outlook Test	it.puq@outlook.com	FR	MATCH	50	[eu_fsrf] Test Tafsir (50) [eu_fsrf] 33rd Central Scientific Research and Testing Institute of the Ministry of Defence of the Russian Federation (alias: 33e centraal wetenschappelijk instituut voor onderzoek en tests van het Ministerie van Defensie van de Russische Federatie) (44) [eu_fsrf] Great Islamic Eastern Warriors Front (alias: Marele Front de Est Islamic al Râzboiniclor) (43) [eu_fsrf] Rah Sahel est. (43) [eu_fsrf] ISIL-South East Asia (alias: Divizia Statul Islamic din Asia de Est) (43)	#237	2026-07-08 02:43:00	RecheckMark as Verified
13	yahoo testq	it.puq@yahoo.com	FR	MATCH	44	[eu_fsrf] Test Tafsir (44)	#238	2026-07-08 02:42:57	RecheckMark as Verified
4	Super User	test.puq@gmail.com	UA	MATCH	43	[ca_dfatd] ANO NPC Ushkuynik (alias: ANO SPC Ushkuynik and Autonomous non-profit Organisation "Scientific and Production Center for Testing and Competence in the Field of Development of Unmanned Aircraft Systems and Means of Protection Against their Illegal Use "Ushkuynik") (43) [eu_fsrf] 185th Center for Combat Use and Combat Purpose of the Aerospace Forces "Aishuluk" (43) [eu_fsrf] Autonomous non-profit Organisation "Scientific and Production Center for Testing and Competence in the Field of Development of Unmanned Aircraft Systems and Means of Protection Against their Illegal Use "Ushkuynik" (43)	#239	2026-07-08 02:42:55	RecheckMark as Verified
1	Ruslan Polovyi	ruslan@polovyi.com	PL	CLEAN	0		#232	2026-07-08 02:43:35	Recheck
9	Julia Noga	july.noga@gmail.com	PL	CLEAN	0			2026-07-08 00:37:05	Recheck

Filters

All / Matches / Clean / Verified — one click switches the view. *Matches* is where the daily review happens; *Verified* lists clients an admin has marked as reviewed false-positives.

Columns

Column	Meaning
Client	Name and company, linked to the client profile.
Status	<code>[MATCH]</code> (red) / <code>[CLEAN]</code> (green); a green <code>[VERIFIED]</code> badge appears next to it for verified clients (hover it to see who verified and when).
Score	The highest match percent (see How the matching engine works).
Matches	Every matched list entry: source (<code>[ca_dfatd]</code> , <code>[eu_fsif]</code> , <code>[csl: ...]</code> , <code>[blocked_country]</code>), matched name, score. The external-link icon opens the OpenSanctions entity profile so you can see exactly who the client was compared with.
Ticket	The support ticket opened for this match.
Checked At	Time of the last check.

Row actions

- **Recheck** — re-screens the client immediately (always real time, never queued).
- **Mark as Verified** — appears on matched clients; see [Client profile panel & verification](#).
- **Remove Verification** — appears on verified clients.

Client profile panel & verification

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On every admin client page (Summary, Profile, Services, Invoices, ...) the module injects a compact panel with the current screening state. Everything on it works via AJAX — no page reloads.

When the client matches

Client Profile

Super User - #4

 Sanctions: **MATCH (3)** ANO NPC Ushkuynik (alias: ANO SPC Ushkuynik and Au (43%) 🇺🇸 2026-07-08 02:42:55

 Check Now

 Mark as Verified

 View All Data

Summary

Profile

Users

Contacts

Products/Services

Domains

Billable Items

Invoices

Quotes

Transactions

Tickets

Er

#4 - Super User

The panel shows the **MATCH** badge with the number of matches, the **best-scoring matched name with its percent**, a link to the opened ticket, and the check time.

- **Check Now** — re-screens the client immediately; when matches are found, the details modal opens automatically.
- **Mark as Verified** — the false-positive workflow (see below).
- **View All Data** — the full details modal.

View All Data

Sanctions & Fraud Check Data

Sanctions Screening

Status	match		
Score	43		
Checked At	2026-07-08 02:42:55		

Source	Matched Name	Score	Details
ca_dfatd	ANO NPC Ushkuynik (alias: ANO SPC Ushkuynik and Autonomous non-profit Organisation "Scientific and Production Center for Testing and Competence in the Field of Development of Unmanned Aircraft Systems and Means of Protection Against their Illegal Use "Ushkuynik")	43	LegalEntity ru [words 1/2 (user~use)]
eu_fsf	185th Center for Combat Use and Combat Purpose of the Aerospace Forces "Ashuluk"	43	Organization [words 1/2 (user~use)]
eu_fsf	Autonomous non-profit Organisation "Scientific and Production Center for Testing and Competence in the Field of Development of Unmanned Aircraft Systems and Means of Protection Against their Illegal Use "Ushkuynik"	43	Organization ru [words 1/2 (user~use)]

Close

Client Profile

Super User - #4

Sanctions: MATCH (3) ANO NPC Ushkuynik (alias: ANO SPC Ushkuynik and Autonomous non-profit Organisation "Scientific and Production Center for Testing and Competence in the Field of Development of Unmanned Aircraft Systems and Means of Protection Against their Illegal Use "Ushkuynik")

Summary Profile Users Contacts Products/Services

#4 - Super User

The owner of this account has not yet verified and

Account Statement

Generate Account Statement

Clients Information

First Name	Super
Last Name	User
Company Name	
Email Address	test.puq@gmail.com
Address 1	Workspace

Each local-list match links to its **OpenSanctions entity profile** (aliases, birth dates, sanction programs) — open it to visually confirm whether your client is really the listed person. When Fraud Check is enabled, the same modal also shows the raw FraudRecord / IPQualityScore data.

Verification (false positives)

A clean client can share a surname with a listed person and would be flagged on every re-check. After reviewing the details, click **Mark as Verified**:

Client Profile

Super User - #4

Sanctions: MATCH (3) ANO NPC Ushkuynik (alias: ANO SPC Ushkuynik and Au (43%)) 2026-07-08 02:42:55 VERIFIED

Check Now Remove Verification View All Data

Summary Profile Users Contacts Products/Services Domains Billable Items Invoices Quotes Transactions Tickets Emails Notes (0) Log

#4 - Super User

A verified client:

- is **skipped by all automatic checks** — cron, mass check, registration, and order triggers;
- gets **no tickets, status changes, or group moves**, even from a manual re-check;
- can still be re-checked manually at any time;
- **loses the verification automatically when the client changes profile data** — the check then runs again in full.

The module records **who** verified the client — first name, last name, login, and email of the admin are stored as a snapshot (not a reference), so the information survives even if the admin account

is later deleted:

Sanctions & Fraud Check Data

Sanctions Screening

VERIFIED

— Verified by Ruslan Polovyi (ruslan.polovyi, ruslan@polovyi.com) (2026-07-08 02:52:47).

Verified clients are skipped by automatic checks (cron, mass check, registration, order). The verification flag is removed automatically when the client changes profile data.

Status

match

Score

43

Checked At

2026-07-08 02:42:55

Source	Matched Name	Score	Details
ca_dfatd	ANO NPC Ushkuynik (alias: ANO SPC Ushkuynik and Autonomous non-profit Organisation "Scientific and Production Center for Testing and Competence in the Field of Development of Unmanned Aircraft Systems and Means of Protection Against their Illegal Use "Ushkuynik")	43	LegalEntity ru [words 1/2 (user~use)]
eu_fsf	185th Center for Combat Use and Combat Purpose of the Aerospace Forces "Ashuluk"	43	Organization [words 1/2 (user~use)]
eu_fsf	Autonomous non-profit Organisation "Scientific and Production Center for Testing and Competence in the Field of Development of Unmanned Aircraft Systems and Means of Protection Against their Illegal Use "Ushkuynik"	43	Organization ru [words 1/2 (user~use)]

Client Profile

Super User - #4

Sanctions: MATCH (3) ANO NPC Ushkuynik (alias: ANO SPC Ushkuynik)

Summary

Profile

Users

Contacts

Products/Services

#4 - Super User

The owner of this account has not yet verified and

Account Statement

Generate Account Statement

Clients Information

First Name

Super

Last Name

User

Company Name

Email Address

test.puq@gmail.com

Address 1

Warszawa

Address 2

Ul. Stefana Jaracza 3/46

City

Warszawa

State/Region

Kirovogradska

Postcode

28000

Country

UA - Ukraine

Remove Verification puts the client back under automatic screening. Every verify/unverify action is written to the module log and the WHMCS activity log.

Fraud Check on the panel

With Fraud Check enabled the same panel shows the FraudRecord score, IP fraud score, and email leak status with their own **Fraud Check Now** and **Send Report** buttons — see [Configuration → Fraud Check](#).

List entries browser

PUQ Sanctions Checker module **WHMCS**

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Addons → Sanctions Checker → List Entries — everything the module downloaded from the OpenSanctions mirrors, so you can verify what exactly your clients are compared against.

PUQ Sanctions Checker

PUQcloud

Home

Clients

List Entries

Log

Configuration

Help

v1.0.0

List Entries

Local sanctions list entries downloaded from the OpenSanctions mirrors. Use "Sync sanctions lists now" on the Home page to refresh them.

Search by name, alias, country code, or entity ID

All sources

11496

Source	Type	Name	Aliases	Birth Date	Countries	Updated
EU	Person	'Abd al-Rahman bin 'Amir al-Nu'aymi	'Abd al-Rahman bin 'Umayr al-Nu'aymi';'Abd al-Rahman al-Nu'aymi';'Abd al-Rahman al-Nu'aymi';'Abd al-Rahman bin 'Amir al-Nu'...	1954	qa	2026-07-08 02:42:30
EU	Person	'Abd al-Rahman Khalaf al-Anizi	Abd Al-Rahman Khalaf 'Ubayd Juday' Al-'Anizi;Abu Shaima' Kuwait;Abu Usama;Abu Usamah al-Kuwait;Abu Usamah al-Rahman;Yu...	1973-03-06	kw, sy	2026-07-08 02:42:30
CA	LegalEntity	'Salute' JSC	"QAO ""НПП Салют"" or Научно-производственное предприятие «Салют»"		ru	2026-07-08 02:42:27
EU	Person	'Tango Deux'	Eric Ruhorimbere Ruhanga;Éric RUHORIMBERE;Tango Two'	1969-07-16	cd	2026-07-08 02:42:30
EU	Organization	'Engineering Center of Innovative Technologies'	CITP Kht.,Centre d'ingénierie pour les technologies innovantes;El Centro de Ingeniería para Tecnologías Innovadoras;Inge...		ru	2026-07-08 02:42:30
EU	Organization	'Inroel'	LLC "INROEL";Общество с ограниченной ответственностью "Инроел"		ru	2026-07-08 02:42:30
CA	LegalEntity	'Omsk Scientific Research Institute of Instrument Making' JSC	"Акционерное Общество ""Омский Научно-Исследовательский Институт Приборостроения"";ОНИИП		ru	2026-07-08 02:42:27
CA	LegalEntity	'Trading House "ROSEL" JSC	Торговый Дом "РОСЭЛ" or Акционерное общество (АО)Торговый Дом "РОСЭЛ"		ru	2026-07-08 02:42:27
EU	Organization	'Ulyanovsk Machine Tool Plant'	LLC "Ulyanovsk Machine Tool Plant";Общество с ограниченной ответственностью "Ульяновский станкостроительный завод"		ru	2026-07-08 02:42:30
CA	LegalEntity	'Ust-Luga Oil' JSC	"Акционерное общество от АО ""Усть-Луга Ойл""		ru	2026-07-08 02:42:27
CA	LegalEntity	'VERTIKAL' LLC	ООО «Вертикаль»		ru	2026-07-08 02:42:27
CA	LegalEntity	'Voentorg-Retail' LLC	Военторг-Ритейл		ru	2026-07-08 02:42:27
CA	LegalEntity	'Voentorg' JSC	"АО ""Военторг"";""Акционерное Общество ""Военторг""		ru	2026-07-08 02:42:27
EU	Organization	'«Khimvolokno Plant» JSC «Grodno Azot»	Aktieři akčné bendrové „Grodno Azot“;Aviutud aktsiaselts „Grodno Azot“;Guideschia Comhstoic Oscailte 'Grodno Azot';Javn...		by	2026-07-08 02:42:30
CA	LegalEntity	'140 Repair Plant			by	2026-07-08 02:42:27
EU	Organization	'140 Repair Plant	140 ремонтный завод;Remontni zavod;Zaklady naprawcze 140			2026-07-08 02:42:30
EU	Organization	'142nd Separate Electronic Warfare Battalion	142-й батальон РЭБ;142-й батальон радиоэлектронной борьбы;142-й отдельный батальон радиоэлектронной борьбы		ru	2026-07-08 02:42:30
EU	Organization	'185th Center for Combat Use and Combat Purpose of the Aerospace Forces "Ashuluk"	185-й Центр боевого применения и боевого предназначения ВКС "Ашулук";185.º Centro de Uso y Fines de Combate de las Fuerz...			2026-07-08 02:42:30
EU	Organization	'195 Repair Plant of Rocket and Artillery Weapons	195 Obrat za popravilo raketnega in artiljerijskega orožja;195 Raķešu un artilērijas ieroču remonta rūpnīca;195. zakład n...		ru	2026-07-08 02:42:30
CA	LegalEntity	'195 Repair Plant of Rocket and Artillery Weapons JSC	195 RZ RAV AO;"AO ""195 ремонтный завод ракетно-артиллерийского вооружения""		ru	2026-07-08 02:42:27
EU	Organization	'1st branch of the Revolutionary Court of Shiraz	1. afdeling Shiraz' Revolutionsdomstol 1. wydział sądu rewolucyjnego w Szirazie;1re chambre du tribunal révolutionnair...		ir	2026-07-08 02:42:30
EU	Organization	'20th Guards Combined Arms Army	20-й гвардейский общевойсковой армейский корпус;20-й гвардейский Корпус общевойсковых армейских корпусов		ru	2026-07-08 02:42:30

- **Search** — live search by name, alias, country code, or entity ID (400 ms debounce).
- **Source filter** — all sources / Canada (DFATD-SEMA) / EU (FSF); the counter on the right shows the total.
- **Columns** — source badge (CA/EU), entity type (Person / Organization / LegalEntity), primary name, aliases (hover for the full list), birth date, countries, and the import time.
- 50 entries per page with Previous/Next paging.

The data refreshes automatically with the daily cron; **Sync sanctions lists now** on the Home page forces an immediate refresh.

Log

PUQ Sanctions Checker module **WHMCS**

[Order now](#) | [Download](#) | [Community](#)

Addons → Sanctions Checker → Log — the audit trail of everything the module does (last 500 entries).

PUQ Sanctions Checker

PUQcloud

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Log

Date	Event	Client	Details
2026-07-08 02:44:40	SANCTIONS_CHECK	#2	Check (manual): match, 8 match(es), max score 50
2026-07-08 02:44:19	WHITELISTED	#2	Client marked as verified by Ruslan Polovyi (ruslan.polovyi, ruslan@polovyi.com)
2026-07-08 02:44:01	TICKET_SKIPPED	#2	Ticket not created: ticket #236 is still open (status: Open)
2026-07-08 02:44:01	SANCTIONS_CHECK	#2	Check (manual): match, 8 match(es), max score 50
2026-07-08 02:43:35	SANCTIONS_CHECK	#1	Check (manual): clean
2026-07-08 02:43:00	TICKET_SKIPPED	#14	Ticket not created: ticket #237 is still open (status: Open)
2026-07-08 02:43:00	SANCTIONS_CHECK	#14	Check (manual): match, 5 match(es), max score 50
2026-07-08 02:42:57	TICKET_SKIPPED	#13	Ticket not created: ticket #238 is still open (status: Open)
2026-07-08 02:42:57	SANCTIONS_CHECK	#13	Check (manual): match, 1 match(es), max score 44
2026-07-08 02:42:55	TICKET_SKIPPED	#4	Ticket not created: ticket #239 is still open (status: Open)
2026-07-08 02:42:55	SANCTIONS_CHECK	#4	Check (manual): match, 3 match(es), max score 43
2026-07-08 02:42:49	TICKET_SKIPPED	#2	Ticket not created: ticket #236 is still open (status: Open)
2026-07-08 02:42:49	SANCTIONS_CHECK	#2	Check (manual): match, 8 match(es), max score 50
2026-07-08 02:42:47	TICKET_SKIPPED	#14	Ticket not created: ticket #237 is still open (status: Open)
2026-07-08 02:42:47	SANCTIONS_CHECK	#14	Check (manual): match, 5 match(es), max score 50
2026-07-08 02:42:44	TICKET_SKIPPED	#7	Ticket not created: ticket #235 is still open (status: Open)
2026-07-08 02:42:44	SANCTIONS_CHECK	#7	Check (manual): match, 5 match(es), max score 100
2026-07-08 02:42:30	LIST_SYNC		("sources":{"ca_dfat0":5602,"eu_fsf":5894},"errors":[])
2026-07-08 02:41:51	CONFIGURATION_SAVED		Configuration updated by admin #2
2026-07-08 02:41:24	CONFIGURATION_SAVED		Configuration updated by admin #2
2026-07-08 02:40:35	SCHEMA_CHECK		("puq_sanctions_checker_config":"unchanged","puq_sanctions_checker_entries":"unchanged","puq_sanctions_checker_results":"unchanged","puq_sanctions_checker_fraud":"unchanged","puq_sanctions_checker_queue":"created","puq_sanctions_checker_log":"unchanged")
2026-07-08 02:40:28	MASS_CHECK		Mass check queued: 0 client(s) added to the queue
2026-07-08 00:38:00	TICKET_SKIPPED	#13	Ticket not created: ticket #238 is still open (status: Open)
2026-07-08 00:38:00	SANCTIONS_CHECK	#13	Check (manual): match, 1 match(es), max score 44
2026-07-08 00:37:59	TICKET_OPENED	#4	Ticket #835491 (id 239) opened

Event	Meaning
<code>sanctions_check</code>	A client was screened: context (manual / register / edit / order / mass / cron), result, number of matches, max score.
<code>ticket_opened</code>	A support ticket was created for a match.
<code>ticket_skipped</code>	No ticket was created — the reason is spelled out (an earlier ticket is still open, or no department is configured).
<code>ticket_error</code>	The ticket API call failed — the full response is logged.

Event	Meaning
whitelisted / whitelist_removed / whitelist_reset	Verification set by an admin / removed by an admin / dropped automatically because the client changed profile data.
client_updated	Status change / group move applied on a match.
list_sync	Sanctions lists downloaded (per-source entry counts and errors).
mass_check	A mass check ran or was queued.
queue_processed	A cron tick processed a portion of the check queue.
check_error	A queued or batched check failed for one client.
configuration_saved / schema_check	Settings saved / database schema verified.

Client numbers link to the client profile.

Configuration — Sanctions sources

PUQ Sanctions Checker module **WHMCS**

[Order now](#) | [Download](#) | [Community](#)

Addons → Sanctions Checker → Configuration → Sanctions sources. All settings are saved with the green **Save Changes** button; only the license key lives in Setup → Addon Modules.

PUQ Sanctions Checker

 Home Clients List Entries Log Configuration

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Configuration

How it works: Local sanctions lists (EU, Canada) are stored in your database and synchronized daily by the WHMCS cron. The US CSL is queried in real time via API. Checks run automatically on the selected triggers, on a schedule, or manually from the client profile. When a match is found the module opens a support ticket (without duplicates) and can change the client status or move the client to a group. Review all findings on the Clients page. Documentation

Sanctions sources

Check triggers

Actions on match

Fraud Check

Local lists (OpenSanctions mirrors)

Official government sanctions lists mirrored by the OpenSanctions project as clean machine-readable files (about 2 MB each). No registration or API key required. Matching runs locally in your database — no client data leaves your server.

Canada DFATD-SEMA dataset page

EU Financial Sanctions Files dataset page

☒ Canada DFATD-SEMA list (local database)

☒ EU FSF list (local database)

Mirrored from OpenSanctions, synchronized daily by cron

Matching engine

Every list entry is compared with the client using up to three methods; the best score wins and is shown in the match details.

Full name — similarity of the whole name, word order ignored (Ivan Ivanov ~ Ivanov Ivan).

Trigrams — the names are cut into 3-letter chunks from start to end and the share of common chunks is counted. Catches typos and letter swaps (Dmitry / Dimtry). Applied only to names of at least the configured length: short names produce too few chunks and would match randomly.

Words — each word is matched separately, but only the SURNAME or a company word can trigger a match; a first-name-only hit never flags the client. Generic company suffixes (LLC, Ltd, GmbH...) are ignored. With minimum = 1 the client is flagged when the surname or one company word matches; the score is proportionally lower (e.g. 50%).

Full name match threshold (%)

85

Name similarity percent required to report a match (default 85)

☒ Enable trigram (3-letter chunks) matching

Trigram match threshold (%)

US Consolidated Screening List API (trade.gov)

The Consolidated Screening List combines 11 US government lists (OFAC SDN, BIS Entity List, State Department) into one API with fuzzy name search that tolerates typos and transliteration variants (Dmitry / Dmitrii). Client names are sent to trade.gov over HTTPS.

Sign up for a free API key (ITA API portal)

API documentation (developer.trade.gov)

Try the CSL search in the browser

About the Consolidated Screening List

☐ Enable CSL API

Real-time fuzzy search against 11 US lists (OFAC SDN, BIS, State Dept). Free API key required.

CSL API key

CSL API URL

https://data.trade.gov/consolidated_screening_list/v1/search

CSL minimum match score

90

Local lists (OpenSanctions mirrors)

Local lists (OpenSanctions mirrors)

Official government sanctions lists mirrored by the OpenSanctions project as clean machine-readable files (about 2 MB each). No registration or API key required. Matching runs locally in your database — no client data leaves your server.

- [Canada DFATD-SEMA dataset page](#) 
- [EU Financial Sanctions Files dataset page](#) 

☒ Canada DFATD-SEMA list (local database)

☒ EU FSF list (local database)

Mirrored from OpenSanctions, synchronized daily by cron

Official government sanctions lists mirrored by the [OpenSanctions](#) project as clean machine-readable files (~2 MB each). No registration or API key required. The files are imported into your database and matching runs **locally** — no client data leaves your server. Synchronized daily by cron.

Matching engine

⚙ Matching engine

Every list entry is compared with the client using up to three methods; the best score wins and is shown in the match details.

- Full name — similarity of the whole name, word order ignored (Ivan Ivanov = Ivanov Ivan).
- Trigrams — the names are cut into 3-letter chunks from start to end and the share of common chunks is counted. Catches typos and letter swaps (Dmitry / Dmtiry). Applied only to names of at least the configured length: short names produce too few chunks and would match randomly.
- Words — each word is matched separately, but only the SURNAME or a company word can trigger a match: a first-name-only hit never flags the client. Generic company suffixes (LLC, Ltd, GmbH...) are ignored. With minimum = 1 the client is flagged when the surname or one company word matches; the score is proportionally lower (e.g. 50%).

Full name match threshold (%)

Name similarity percent required to report a match (default 85)

☒ Enable trigram (3-letter chunks) matching

Trigram match threshold (%)

Share of common 3-letter chunks required (default 65). Lower = more sensitive to typos, more false positives.

Trigram minimum name length

Trigram comparison runs only when both names have at least this many letters (default 6, spaces not counted). Short names like "Li Wei" share too few 3-letter chunks and would cross the threshold by pure coincidence.

☒ Enable per-word matching

Minimum matching words

How many words must match to report. Default 1 = flag surname-only or single company-word matches for review (with a proportionally lower score). Set 2 to require first + last name.

Word similarity threshold (%)

How similar two words must be to count as a pair (default 85; catches Ivanov / Ivanoff).

Setting	Default	Description
Full name match threshold	85%	Similarity of the whole name required to report a match.
Enable trigram matching + threshold	on / 65%	3-letter-chunk comparison, catches typos and letter swaps.
Trigram minimum name length	6	Trigrams run only when both names have at least this many letters — short names would match randomly.
Enable per-word matching + minimum words	on / 1	Only the surname or a company word can trigger a match; a first-name-only hit never flags. Minimum 1 flags surname-only matches (with a lower score); 2 requires first + last name.

Setting	Default	Description
Word similarity threshold	85%	How similar two words must be to count as a pair (catches Ivanov / Ivanoff).

The methods are explained in detail in [How the matching engine works](#).

US Consolidated Screening List API

 US Consolidated Screening List API (trade.gov)

The Consolidated Screening List combines 11 US government lists (OFAC SDN, BIS Entity List, State Department) into one API with fuzzy name search that tolerates typos and transliteration variants (Dmitry / Dmitrii). Client names are sent to trade.gov over HTTPS.

- [Sign up for a free API key \(ITA API portal\)](#)
- [API documentation \(developer.trade.gov\)](#)
- [Try the CSL search in the browser](#)
- [About the Consolidated Screening List](#)

☐ Enable CSL API

Real-time fuzzy search against 11 US lists (OFAC SDN, BIS, State Dept). Free API key required.

CSL API key

CSL API URL

CSL minimum match score

Real-time fuzzy search against 11 US lists (OFAC SDN, BIS Entity List, State Department). Get a free API key at the [ITA API portal](#); results below **CSL minimum match score** (default 90) are ignored. Client names are sent to trade.gov over HTTPS.

Blocked countries

Blocked countries

RU,BY,IR,KP,SY,CU

Comma-separated ISO-2 country codes. Clients from these countries are reported as a match. The country from the client profile is compared against this list. A match is reported with score 100.

Comma-separated ISO-2 country codes (e.g. `RU, BY, IR, KP, SY, CU`). The country from the client profile is compared against this list; a match is reported with score 100.

Configuration — Check triggers & queue

PUQ Sanctions Checker module **WHMCS**

[Order now](#) | [Download](#) | [Community](#)

Addons → Sanctions Checker → Configuration → Check triggers — when checks run automatically.

PUQcloud

[Home](#)[Clients](#)[List Entries](#)[Log](#)[Configuration](#)

[Help](#) v1.0.0

Configuration

How it works: Local sanctions lists (EU, Canada) are stored in your database and synchronized daily by the WHMCS cron. The US CSL is queried in real time via API. Checks run automatically on the selected triggers, on a schedule, or manually from the client profile. When a match is found the module opens a support ticket (without duplicates) and can change the client status or move the client to a group. Review all findings on the Clients page. [Documentation](#)

Sanctions sources

Check triggers

Actions on match

Fraud Check

Automatic checks cover new registrations, profile updates, and order checkouts. The periodic mass check re-screens your whole client base via the WHMCS system cron — sanctions lists change constantly, so a weekly or monthly re-check is recommended. You can also check any client manually: use the panel on the admin client profile or the Recheck button on the Clients page.

Check triggers

☒ Check on client registration

☒ Check on client profile update

☒ Check on order checkout

☒ Run trigger checks on the next cron (queue)

Applies to the triggers above ONLY (registration, profile update, order checkout): instead of checking during the client's request — which can be slow and cause timeouts when external APIs are enabled — the client is added to the queue and checked by the WHMCS cron within a few minutes. Manual checks always run in real time.

Periodic mass check (cron)

Periodic mass check (cron)

Daily

Re-checks all clients on the WHMCS daily cron with the selected frequency

Clients to check in mass check

All clients

☒ Queue the mass check (process on cron)

The mass check (the button on the Home page and the schedule above) adds the clients to the queue instead of checking them immediately; the cron processes the queue in portions on every tick. Recommended for large client bases.

Queue items processed per cron run

50

How many queued checks one cron tick performs (default 50). Lower this if the CSL API is enabled and cron runs get too long.

Save Changes

Check triggers

⚡ Check triggers

☒ Check on client registration

☒ Check on client profile update

☒ Check on order checkout

☒ Run trigger checks on the next cron (queue)

Applies to the triggers above ONLY (registration, profile update, order checkout): instead of checking during the client's request — which can be slow and cause timeouts when external APIs are enabled — the client is added to the queue and checked by the WHMCS cron within a few minutes. Manual checks always run in real time.

Setting	Description
Check on client registration	Screen every new client (<code> ClientAdd </code>).
Check on client profile update	Re-screen when the client changes profile data (<code> ClientEdit </code>). This also drops the <i>Verified</i> flag — see verification .
Check on order checkout	Screen on every order checkout.
Run trigger checks on the next cron (queue)	Applies to the three triggers above ONLY. Instead of checking during the client's request — which can be slow and cause timeouts when external APIs are enabled — the client is added to the queue and checked by the cron within a few minutes. Manual checks always run in real time.

Periodic mass check

🕒 Periodic mass check (cron)

Periodic mass check (cron)

Daily

Re-checks all clients on the WHMCS daily cron with the selected frequency

Clients to check in mass check

All clients

☒ Queue the mass check (process on cron)

The mass check (the button on the Home page and the schedule above) adds the clients to the queue instead of checking them immediately; the cron processes the queue in portions on every tick. Recommended for large client bases.

Queue items processed per cron run

50

How many queued checks one cron tick performs (default 50). Lower this if the CSL API is enabled and cron runs get too long.

Setting	Default	Description
Periodic mass check (cron)	Disabled	Disabled / Daily / Weekly / Monthly re-check of the client base. Sanctions lists change constantly — a weekly or monthly re-check is recommended.
Clients to check in mass check	Active only	Active clients only, or all clients.
Queue the mass check	on	The mass check (Home-page button and the schedule) adds clients to the queue; the cron drains it in portions. Recommended for large client bases.
Queue items processed per cron run	50	Portion size per cron tick (~5 minutes). Lower it when the CSL API is enabled.

Verified clients are excluded from the mass check automatically. How the queue works internally is described in [Cron automation & check queue](#).

Configuration — Actions on match

PUQ Sanctions Checker module **WHMCS**

[Order now](#) | [Download](#) | [Community](#)

Addons → Sanctions Checker → Configuration → Actions on match — what happens when a check finds a match.

PUQ Sanctions Checker

PUQcloud

[Home](#) [Clients](#) [List Entries](#) [Log](#) [Configuration](#)

Help v1.0.0

Configuration

How it works: Local sanctions lists (EU, Canada) are stored in your database and synchronized daily by the WHMCS cron. The US CSL is queried in real time via APL. Checks run automatically on the selected triggers, on a schedule, or manually from the client profile. When a match is found the module opens a support ticket (without duplicates) and can change the client status or move the client to a group. Review all findings on the Clients page. [Documentation](#)

Sanctions sources

Check triggers

Actions on match

Fraud Check

Open a support ticket

☒ Open a support ticket

Only one ticket per client: while a sanctions ticket is open, no duplicates are created. If the ticket was closed and the client still matches on a later check, a new ticket is opened.

Support department

Technical Support

Ticket subject

Sanctions screening alert: {client_name} ({client_id})

Ticket message

Automatic sanctions screening found possible matches for client {client_name} (ID: {client_id}, email: {client_email}, country: {client_country}).

Matches:
{matches}

Checked at: {date}
Please review this client manually.

Merge fields: {client_id} {client_name} {client_company} {client_email} {client_country} {matches} {date}

Save Changes

Client actions

Applied on every check that finds a match. Leave empty to keep the client status or group unchanged.

Set client status

Closed

Move client to group

test

Support ticket

Open a support ticket

☒ Open a support ticket

Only one ticket per client: while a sanctions ticket is open, no duplicates are created. If the ticket was closed and the client still matches on a later check, a new ticket is opened.

Support department

Technical Support

Ticket subject

Sanctions screening alert: {client_name} #{client_id}

Ticket message

Automatic sanctions screening found possible matches for client {client_name} (ID: {client_id}, email: {client_email}, country: {client_country}).

Matches:
{matches}

Checked at: {date}
Please review this client manually.

Merge fields: {client_id} {client_name} {client_company} {client_email} {client_country} {matches} {date}

Setting	Description
Open a support ticket	Master toggle. One ticket per client: while a sanctions ticket is open, repeated checks do not create duplicates. If the ticket was closed and the client still matches later, a new ticket is opened.
Support department	Where the ticket is created.
Ticket subject / message	Your own templates with merge fields: {client_id}, {client_name}, {client_company}, {client_email}, {client_country}, {matches}, {date}.

A real ticket produced by the module — {matches} expands into the full list with sources, scores, and the method that matched:

Ruslan Polovyi

OPERATOR

EditDelete

Posted today at 00:37

Automatic sanctions screening found possible matches for client Super User (ID: 4, email: test.puq@gmail.com, country: UA).

Matches:

- [ca_dfatd] ANO NPC Ushkuynik (alias: ANO SPC Ushkuynik and Autonomous non-profit Organisation "Scientific and Production Center for Testing and Competence in the Field of Development of Unmanned Aircraft Systems and Means of Protection Against their Illegal Use "Ushkuynik") (score: 43) LegalEntity ru [words 1/2 (user-use)]
- [eu_fsf] 185th Center for Combat Use and Combat Purpose of the Aerospace Forces "Ashuluk" (score: 43) Organization [words 1/2 (user-use)]
- [eu_fsf] Autonomous non-profit Organisation "Scientific and Production Center for Testing and Competence in the Field of Development of Unmanned Aircraft Systems and Means of Protection Against their Illegal Use "Ushkuynik" (score: 43) Organization ru [words 1/2 (user-use)]

Checked at: 2026-07-08 00:37:44
Please review this client manually.

View Printable Version

Client actions

Client actions

Applied on every check that finds a match. Leave empty to keep the client status or group unchanged.

Set client status

Closed



Move client to group

test



Setting	Description
Set client status	Optionally set the client to Active / Inactive / Closed on a match. Leave empty to keep the status unchanged.
Move client to group	Optionally move the client into a chosen client group (handy for a "Sanctions review" group). Leave empty to keep the group.

Both actions are applied on every check that finds a match — but **never** for **verified** clients. Every action is written to the log (`|client_updated|`, `|ticket_opened|`, `|ticket_skipped|` with the reason).

Configuration — Fraud Check

PUQ Sanctions Checker module **WHMCS**

[Order now](#) | [Download](#) | [Community](#)

Addons → Sanctions Checker → Configuration → Fraud Check — the built-in fraud screening via FraudRecord and IPQualityScore.

PUQ Sanctions Checker

 Home Clients List Entries Log Configuration

Help v1.0.0

Configuration

How it works: Local sanctions lists (EU, Canada) are stored in your database and synchronized daily by the WHMCS cron. The US CSL is queried in real time via API. Checks run automatically on the selected triggers, on a schedule, or manually from the client profile. When a match is found the module opens a support ticket (without duplicates) and can change the client status or move the client to a group. Review all findings on the Clients page. [Documentation](#)

Sanctions sources Check triggers Actions on match **Fraud Check**

Results are shown on the admin client profile panel together with the sanctions status, with Check Now and Send Report buttons.

FraudRecord

FraudRecord is a shared database of abuse reports from hosting providers. Client data is hashed locally before it is sent, so no plain-text personal data leaves your server. Registration is free; create a reporter profile to get an API key.

- [Register at FraudRecord \(free\)](#)
- [How FraudRecord works](#)
- [FraudRecord API documentation](#)

☐ Enable FraudRecord

FraudRecord API key

IPQualityScore

IPQualityScore scores the client IP for proxy/VPN/fraud risk and checks whether the email address appears in leaked databases. The free plan includes monthly lookup credits.

- [Create an IPQualityScore account](#)
- [IPQualityScore documentation](#)

☐ Enable IPQualityScore

IPQualityScore API key

Fraud Check

☐ **Fraud check enabled**

Master toggle for the fraud checks. At least one service (FraudRecord or IPQualityScore) with an API key must be enabled.

Check triggers

☐ Fraud check on client registration

☐ Fraud check on client profile update

☐ Fraud check on order checkout

Services

FraudRecord

FraudRecord is a shared database of abuse reports from hosting providers. Client data is hashed locally before it is sent, so no plain-text personal data leaves your server. Registration is free; create a reporter profile to get an API key.

- [Register at FraudRecord \(free\)](#)
- [How FraudRecord works](#)
- [FraudRecord API documentation](#)

☐ Enable FraudRecord

FraudRecord API key

IPQualityScore

IPQualityScore scores the client IP for proxy/VPN/fraud risk and checks whether the email address appears in leaked databases. The free plan includes monthly lookup credits.

- [Create an IPQualityScore account](#)
- [IPQualityScore documentation](#)

☐ Enable IPQualityScore

IPQualityScore API key

- **FraudRecord** ([register free](#)) — a shared database of abuse reports from hosting providers. Client data is **hashed locally** before it is sent, so no plain-text personal data leaves your server. Create a reporter profile to get an API key.
- **IPQualityScore** ([create account](#)) — scores the client's IP for proxy/VPN/fraud risk and checks whether the email address appears in leaked databases. The free plan includes monthly lookup credits.

Master toggle and triggers

Fraud Check

☐ Fraud check enabled

Master toggle for the fraud checks. At least one service (FraudRecord or IPQualityScore) with an API key must be enabled.

Check triggers

☐ Fraud check on client registration

☐ Fraud check on client profile update

☐ Fraud check on order checkout

Setting	Description
Fraud check enabled	Master toggle; at least one service with an API key must be enabled.
Fraud check on registration / profile update / order checkout	The same trigger events as the sanctions checks, controlled separately. With the check queue enabled for triggers, fraud checks are queued too.

Where you see the results

The [client profile panel](#) shows `Fraudrecord: 0-0-0 | Fraud IP: 0% | Fraud Email: NO` badges (red = findings), a **Fraud Check Now** button, and **Send Report** — a form (fraud type, level 1-10, free text) that submits an abuse report to FraudRecord and/or IPQualityScore. Raw API responses are available in the **View All Data** modal.

Client area

Information about the client-area experience.

Client Actions

PUQ Sanctions Checker module **WHMCS**

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PUQ Sanctions Checker is an administrative backend module. It operates silently during registration, profile edits, and checkouts to verify clients against sanctions and fraud lists.

There are no direct client-facing interfaces, dashboards, or portals exposed in the WHMCS Client Area for this addon. All operations and alerts are managed solely from the WHMCS Admin Area.

Automation and cron

How the automatic screening engine and scheduled tasks work.

How the matching engine works

PUQ Sanctions Checker module **WHMCS**

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For every client the module screens two name candidates against the local lists: `firstname` `lastname` and `companyname` (plus the profile country against the [blocked-countries list](#)).

Normalization

Both the client name and every list entry name/alias go through the same pipeline: lowercase → Cyrillic transliterated to Latin (`ИВАНОВ` → `ivanov`) → remaining accents transliterated to ASCII (`Müller` → `muller`) → everything except letters/digits/spaces removed → multiple spaces collapsed.

The three methods

Each pair is scored by up to three configurable methods ([Configuration](#) → [Sanctions sources](#) → [Matching engine](#)); the best score wins and the method that produced it is shown in the match details.

1. Full name (`local_match_threshold`, default 85%)

PHP `|similar_text|` over the whole normalized strings: $|2 \times \text{common_characters} / (\text{len1} + \text{len2}) \times 100|$. Repeated with alphabetically sorted words, higher of the two wins, so `|Ivan Ivanov| = |Ivanov Ivan|` = 100%. Example: `|dmitry ivanov|` vs `|dmitrii ivanov|` $\approx 89\%$.

2. Trigrams (default on / 65% / min length 6)

Both names are cut into 3-letter chunks sliding from start to end (`|iv|`, `|iva|`, `|van|`, `|ano|`, `|nov|`, ...) and the share of common chunks is computed (Dice: $|2 \times \text{common} / (n1 + n2) \times 100|$). Very tolerant to typos and letter swaps: `|Vladimir|` vs `|Vladimr|` $\approx 81\%$. The method runs only when **both names have at least `|trigram_min_length|` letters** (spaces not counted) — short names like `|Li Wei|` produce so few chunks that unrelated names would cross the threshold by coincidence.

3. Words (default on / minimum 1 / word similarity 85%)

Every client word is matched to the closest entry word (words shorter than 3 letters and generic company suffixes like LLC/Ltd/GmbH are ignored); a pair counts when the two words are $\geq |word_similarity_threshold|$ similar (`|Ivanov|/|Ivanoff|` counts). The entry is reported when at least `|word_match_min_words|` pairs matched **and at least one matched word is the client SURNAME or a company word — a first-name-only match never flags the client**. The score is scaled by the fraction of client words that matched: a surname-only hit on "Ivan Ivanov" scores $\sim 50\%$, a full-name hit $\sim 100\%$.

With the default minimum of 1, clients whose surname (or one company word) matches a listed person are flagged **for review** with a proportionally lower score — the admin inspects the match (each one links to the OpenSanctions entity profile) and either acts or [marks the client as Verified](#).

Reference behaviour (default settings)

Client vs list entry	Result
<code> Vladimr Putin </code> vs <code> Vladimir Putin </code> (typo)	full 96%
<code> Дмитрий Петров </code> vs <code> Dmitriy Petrov </code> (Cyrillic)	full 93%

Client vs list entry	Result
Dmytro Kravchenko vs Denis Borisovich KRAVCHENKO (surname only)	words 1/2, score 50%
Denis Petrenko vs Denis Borisovich KRAVCHENKO (first name only)	no match
Roskosmos LLC vs State Corporation Roskosmos (company word)	words 1/1, score 100%
Alpha Trading LLC vs Bravo Trading Limited (suffixes only)	no match
Unrelated names	no match

The US CSL API

When enabled, each name candidate is sent to the trade.gov API with `fuzzy_name=true`. The government's own fuzzy algorithm handles typos and transliteration variants and returns a match score; results below **CSL minimum match score** are dropped.

Important: a match is a signal for manual review, not proof. Fuzzy matching by name always produces some false positives — that is why the ticket is the primary action and the [verification workflow](#) exists.

Cron automation & check queue

PUQ Sanctions Checker module **WHMCS**

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The module uses the standard WHMCS cron. No extra cron entries are needed:

- `DailyCronJob` — list synchronization, mass-check scheduling, queue housekeeping;
- `AfterCronJob` (every cron tick, normally ~5 minutes) — **check queue processing**.

The check queue

Checks can be slow: the CSL API is an external HTTPS call per name, FraudRecord hashes every field 32 000 times. Running that inline during client registration or checkout can cause visible delays and timeouts. The queue solves this:

Setting	Default	Effect
Run trigger checks on the next cron (queue)	off	Registration / profile update / order checkout only add the client to the queue (instant) and the cron performs the check within ~5 minutes. Off = checks run inline as before.
Queue the mass check (process on cron)	on	The "Check all clients now" button and the scheduled mass check put clients into the queue; the cron drains it in portions. Off = the button runs realtime AJAX batches with a progress bar.
Queue items processed per cron run	50	Portion size per cron tick. Lower it when the CSL API is enabled.

Manual checks always run in real time — the Check Now button on the client card and

Recheck on the Clients page never use the queue.

The queue lives in `|puq_sanctions_checker_queue|` (client, type sanctions/fraud, context, status pending → processing → done/error). The Home page shows the number of pending items; every processed portion is logged (`|queue_processed|`), failures per client are logged as `|check_error|`. Finished rows are purged after 7 days. If the queue table is unavailable, trigger checks automatically fall back to real-time so registration never breaks.

What runs daily

1. **Sanctions lists synchronization** — the enabled OpenSanctions mirrors (EU FSF, Canada DFATD-SEMA) are downloaded and re-imported into the local database. The files are ~2 MB each and the URLs are static, so this is fast and reliable.
2. **Periodic mass check** — when **Periodic mass check (cron)** is set to Daily, Weekly, or Monthly, the module re-screens clients (Active only or all, per the **Clients to check in mass check** setting) once per period — via the queue by default. The last run timestamp is shown on the Home page.

Notes

- Tickets are deduplicated, so a weekly mass check does not spam the helpdesk: a client with an already-open sanctions ticket does not get a second one.
- All cron activity is written to the module **Log** page (`|list_sync|`, `|mass_check|`, `|queue_processed|` events).

Manual equivalents

Everything the cron does can be triggered from the **Home** page: **Sync sanctions lists now** and **Check all clients now** (queued by default; with the queue disabled — realtime batches with a progress bar).