

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 "Akhuk" (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

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