

Configuration — Sanctions sources

PUQ Sanctions Checker module **WHMCS**

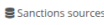
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Addons → Sanctions Checker → Configuration → Sanctions sources. All settings are saved with the green **Save Changes** button; only the license key lives in Setup → Addon Modules.

PUQ Sanctions Checker


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v1.0.0

Configuration


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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 / Dmitriy). 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

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- [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.

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☐ 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.

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