

NAI V2 Match Configuration Guide

NAI V2 match configuration only requires a match from a single source for a high match.

| Reliability Score | Match Criteria | | |
|-------------------|------------------------|------------------------------|------------------------------|
| | Name | Address | ID |
| High Match | Name Match | Address Match | ID Match |
| | Partial Name Match | Address Match | ID Match |
| Medium Match | Name Match | Address Match | Any Value (Match / No Match) |
| | Name Match | Any Value (Match / No Match) | ID Match |
| | Partial Name Match | Address Match | Any Value (Match / No Match) |
| | Partial Name Match | Any Value (Match / No Match) | ID Match |
| Low Match | All other combinations | | |

Individual Element Matching

The following are the case scenarios which result in a high match for Name, ID and Address elements in a response. A medium Match is considered if we match on only one element from the case scenarios mentioned below.

Name Match Scenarios

A Name match is considered when any one of the following criteria is met.

| |
|-------------------------------------|
| Match on First Name + Last Name |
| Match on First Initial + Last Name |
| Match on First Name + Maternal Name |

ID Match Scenarios

An ID match is considered when following criterion is met.

| |
|------------------------|
| Match on Date of Birth |
| Match on National ID |
| Match on Phone Number |

Address Match Scenarios

An address match is considered when any one of the following criteria is met.
Please note that certain address elements can be specific to certain regions/countries only.

| |
|--------------------------------|
| Match on House Number + Street |
|--------------------------------|

Result Messages (AU & MT messages)

- 1 AU – Messages are displayed for elements when a **High Match** is made.
- 2 AU – Messages are displayed for elements when **Low Match** is made.
- 3 AU – Messages are displayed when a **Medium Match** is made.

Fuzzy Matching for Individual Elements

These are the criteria for fuzzy matching for various elements in our **standard 1x1 configuration** when we **receive records back from the data provider**.

Name Elements

For a first name to generate a match (1MT-Exact Match), it should be within 70% of the Levenshtein character difference from the record returned by the data provider.

E.g. If the input name is ‘Christophel’ and the actual name is ‘Christopher’, we generate a match based on fuzzy matching.

This system is employed when we consider matches in *givenfullname* and *surname_first* for name elements.

Address Elements

For address elements like *thoroughfare*, *locality*, *province* and *postalcode*, the acceptable Levenshtein percentage for a full match is 70% when the address is returned by the data provider. E.g. An input of ‘200 Kingslee Court’ would match against a record given by the data provider for ‘200 Kingsley Court’.

Identity Elements

We do not employ any kind of Fuzzy matching on any identity elements (*National ID*, *Date of Birth* or *Phone Number*).

Examples

These are examples of what inputs would satisfy Worldview criteria of fuzzy matching and generate a match.

| Element | Input Name | Data Provider records | Result |
|---------------|------------------|-----------------------|-----------|
| givenfullname | Jeanette | Jeanette | Match |
| givenfullname | Jeanotte | Jeanette | Match |
| givenfullname | Gene | Jeanette | Low Match |
| surname_first | Richardson | Richardson | Match |
| surname_first | Richardsen | Richardson | Match |
| surname_first | Richarliset | Richardson | Low Match |
| thoroughfare | Brigadoon Drive | Brigadoon Drive | Match |
| thoroughfare | Brigadeon drive | Brigadoon Drive | Match |
| thoroughfare | Brigadier Street | Brigadoon Drive | Low Match |
| locality | Redwood City | Redwood City | Match |
| locality | Renwood City | Redwood City | Match |
| locality | Redweed County | Redwood City | Low Match |
| province | Paris | Paris | Match |
| province | Parip | Paris | Match |
| province | Perip | Paris | Low Match |