NID Match Configuration

NID (**N**ame, National **ID**, and **D**OB) match configuration only requires a match from a single source for a High match.

Reliability Score	Match Criteria	
	Name	**ID**
High Match	Name Match	ID Match
Medium Match	Partial Name Match	ID Match
	Name Match	Partial ID Match
	Partial Name Match	Partial ID Match
Low Match	All other combinations	

Individual Element Matching

The following are the case scenarios which result in a High match for Name 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

ID Match Scenarios

An ID match is considered when any one of the following criteria is met.

Match on National ID + DOB

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 **a 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 2x2 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.

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