

SAS Intelligence and Investigation Management Hotfix 2 Release Notes



The correct bibliographic citation for this document is as follows: SAS Institute Inc. 2019. *SAS Intelligence and Investigation Management 1.3 Hotfix 2*. Cary, NC: SAS Institute Inc.

SAS Intelligence and Investigation Management 1.3 Hotfix 2

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Release details

This release		
Product Name	SAS Intelligence and Investigation Management 1.3 Hotfix 2	
Supported SAS software		
Facet name	DU name	Version
sviintelligencemanagement	sviIntelligenceManagement	1.3.13

Product Changes

This section provides details of product changes in the SAS Intelligence and Investigation Management 1.3 Hotfix 2 release.

Product changes in SAS Intelligence and Investigation Management 1.3 Hotfix 2

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Advanced Search and Find Similar Enhancements

The Advanced Search and Find Similar controls both use queries with placeholders. If these queries are not configured correctly they can omit results from a search. If the user searches with a placeholder field that is blank, then it will match against objects only where the targeted field is populated, but not against objects where the field is blank. This enhancement adds new syntax for configuring placeholder searches and advice on how to setup these placeholder searches.

Before this change, a placeholder search took only one argument (the field value). For example:

```
first_name:PLACEHOLDER(first_name) AND last_name:PLACEHOLDER(last_name)
```

If the user entered `Smith` into the **Last name** field, and no value into the **First name** field, the query would be:

```
first_name:?* AND last_name:Smith
```

The empty value is converted to “?*”. In previous versions of SAS Intelligence and Investigation Management, the empty value was converted to “*”. When searching for wildcards, Elasticsearch only returns fields containing values, and excludes blank fields. This means that an object containing the following values would be found:

- First name: Robert
- Last name: Smith

But it would not return an object containing the following values:

- First name:
- Last name: Smith

As part of this enhancement, you can now supply a default value for PLACEHOLDER syntax. The default value can be used to supply a query that is used when the field is blank, overriding the default “?*”.

For example, the following query could be used as a fielded search to return blank values:

```
exists OR (_exists_:_type)
```

The following is an example placeholder search to return blank values:

```
first_name:PLACEHOLDER(first_name,"exists OR (_exists_:_type)) AND  
last_name:PLACEHOLDER(last_name, "exists OR (_exists_:_type))
```

If the user entered Smith into the **Last name** field, and no value in the **First name** field, the query would match the following object:

- First name:
- Last name: Smith

For text fields, a default query of "" works with the current version of Elasticsearch. For example:

```
first_name:PLACEHOLDER(first_name,"") AND last_name:PLACEHOLDER(last_name, "")
```

Elasticsearch removes the fielded part of the query when it encounters ". The query Elasticsearch runs when the first name is blank and last name is Smith is:

```
last_name:Smith
```

Notes

When working with PLACEHOLDER searches, the following limitations apply:

- Using a default query of "" does not work with Reference List or Date fields.
- Always test the query produced by a placeholder search and the results returned.
- If all placeholder fields are set to required, this issue will occur as the query cannot be run against blank fields.

Product changes in SAS Intelligence and Investigation Management 1.3 Hotfix 1

For information about product changes and issues addressed in SAS Intelligence and Investigation Management 1.3 Hotfix 1, see [SAS Intelligence and Investigation Management 1.3 Hotfix 1 Release Notes](#).

Issues addressed

This section gives details of issues that were addressed in the SAS Intelligence and Investigation Management 1.3 Hotfix 2 release.

Issues addressed in SAS Intelligence and Investigation Management 1.3 Hotfix 2

SAS Note	Details
—	Pressing Reset in the Advanced Search control now correctly restores the default area search.
—	Performance has been improved when changing between radius search and area search.
64183	An issue has been addressed where blank search fields would only return objects when target fields were populated. For more information, see “ Error! Reference source not found. ” on page Error! Bookmark not defined.

SAS Note	Details
64182	When using the Object Lookup control, users are no longer forced to select at least one child object before moving to the next stage of object creation.