broadsoft

Release 4.0

BroadWorks Dashboards and Discovery

Kibana Dashboards Installation Instructions

Version 4.0
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Document Revision History

Version	Date	Author	Comments
1.0	*September 2016*	DES	Created document
4.0	*April 30, 2018*	BCH	Updated for version 4.0 and Elasticsearch 6+

Preface

The *BroadWorks Dashboards and Discovery Guide* contains instructions to configure Kibana and import the sample visualizations contain in file “BroadWorks Dashboards x.x”.

Assumptions

These instructions assume that Elasticsearch is installed, functional and collecting data from BroadWorks. Kibana should also be installed with its configuration as instructed by the BroadWorks Dashboards and Discovery toolset installation guide.

Installing and running the Post-Processing Applications described in "BroadWorks Dashboards and Discovery" section 9 is a pre-requisite to defining the index patterns and importing the dashboards and visualizations.

Documentation Suite

The *BroadWorks Dashboards and Discovery* software suite includes the following technical documentation.

Document Title	Description
BroadWorks Dashboards and Discovery -Kibana Dashboards Installation	Provides information Kibana Dashboards Installation
BroadWorks Dashboards and Discovery	Provides information on deploying the software on system.
BroadWorks Dashboards and Discovery Kibana Plugins	Overview of Kibana BroadWorks Dashboards and Discovery application.

Acronym List

The following terms have been used in this guide:

Acronym	Definition
BDD	Broadworks Discovery and Dashboard

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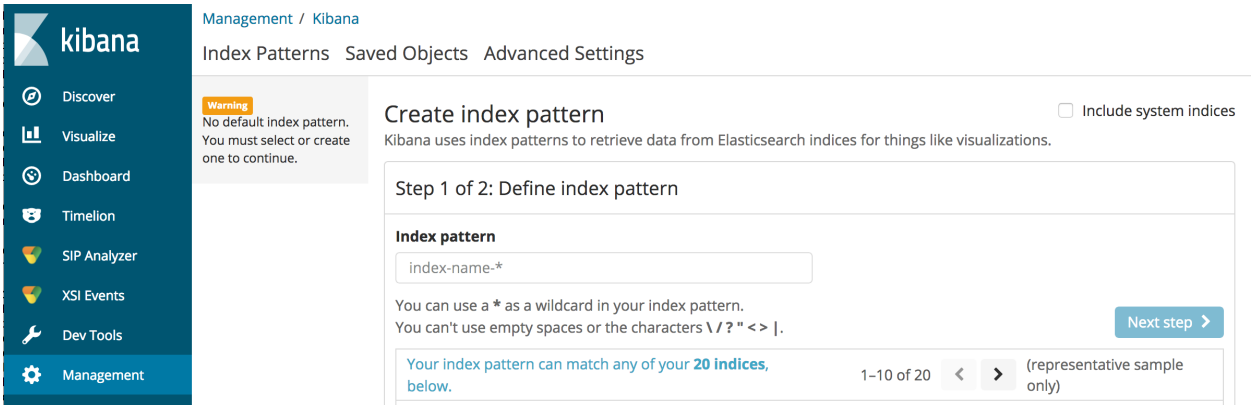
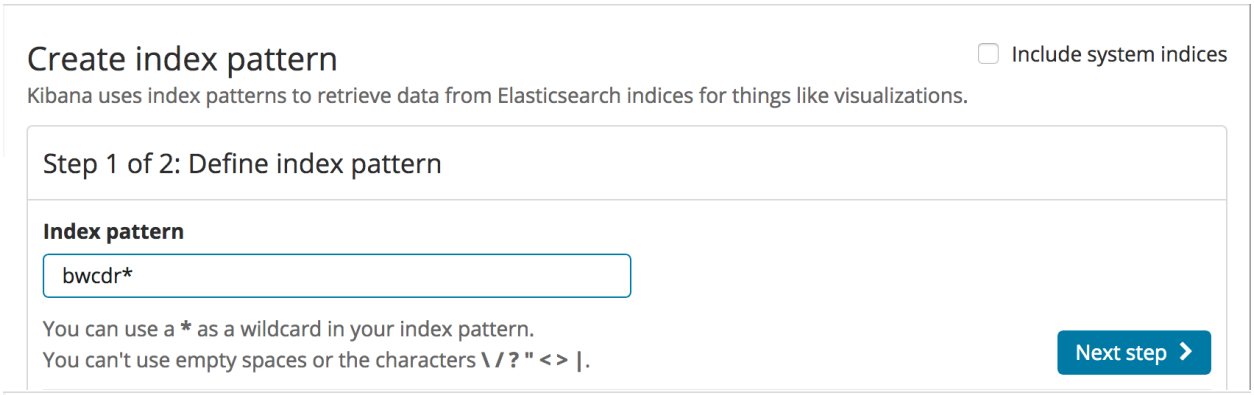
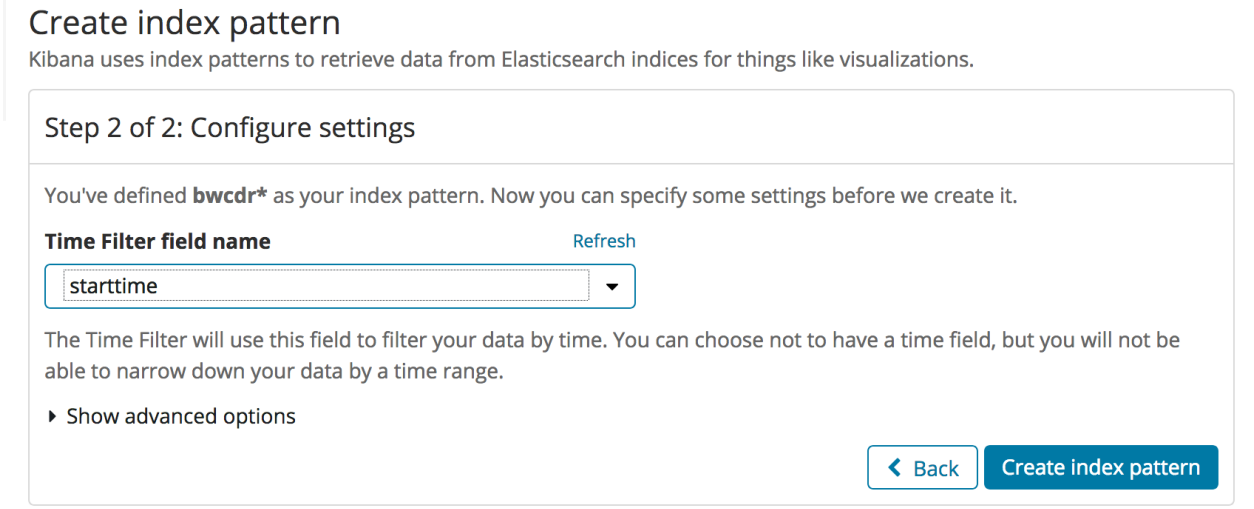
1 Create the Index Patterns on Kibana

Upon entering a new instance of Kibana the following screen will be presented prompting you to configure the index patterns:



a. Configure bwcdr* index pattern as follows:





Click “Create index pattern”:

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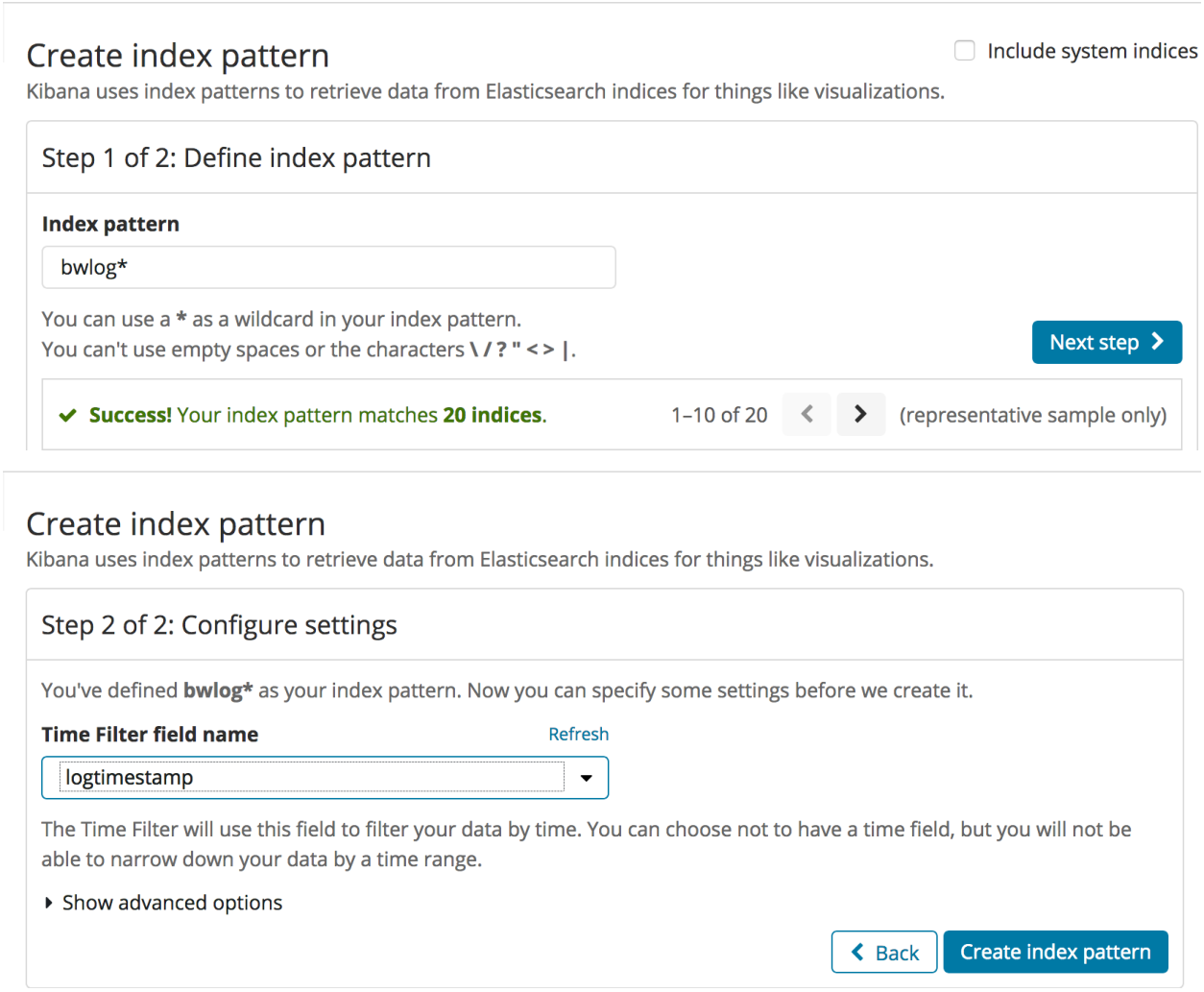
b. Configure bwlog* index pattern. Click “+Create Index pattern”:



Click "Create index pattern"

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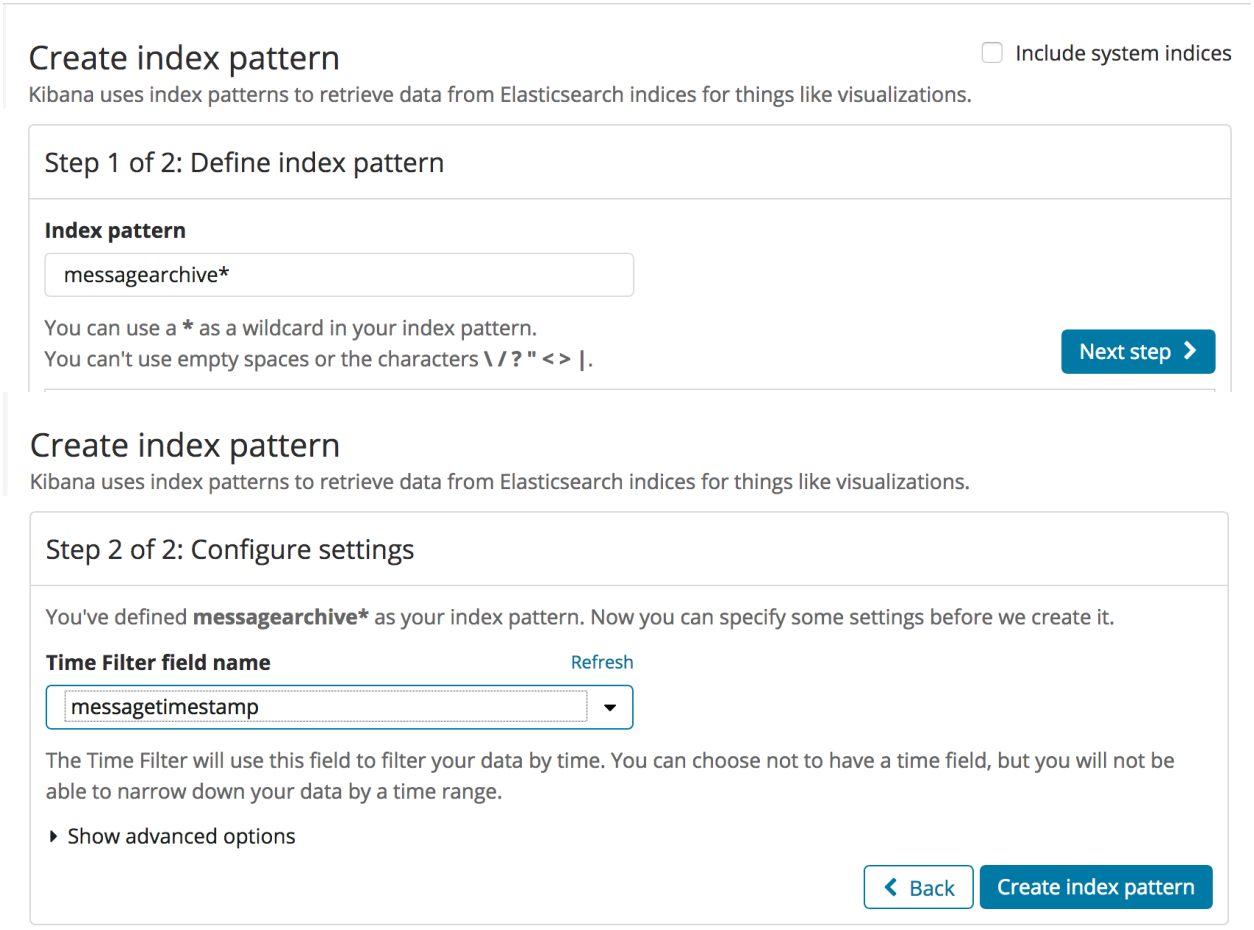
c. Configure messagearchive* index pattern. Click “+Create index pattern”:



Click "Create index pattern"

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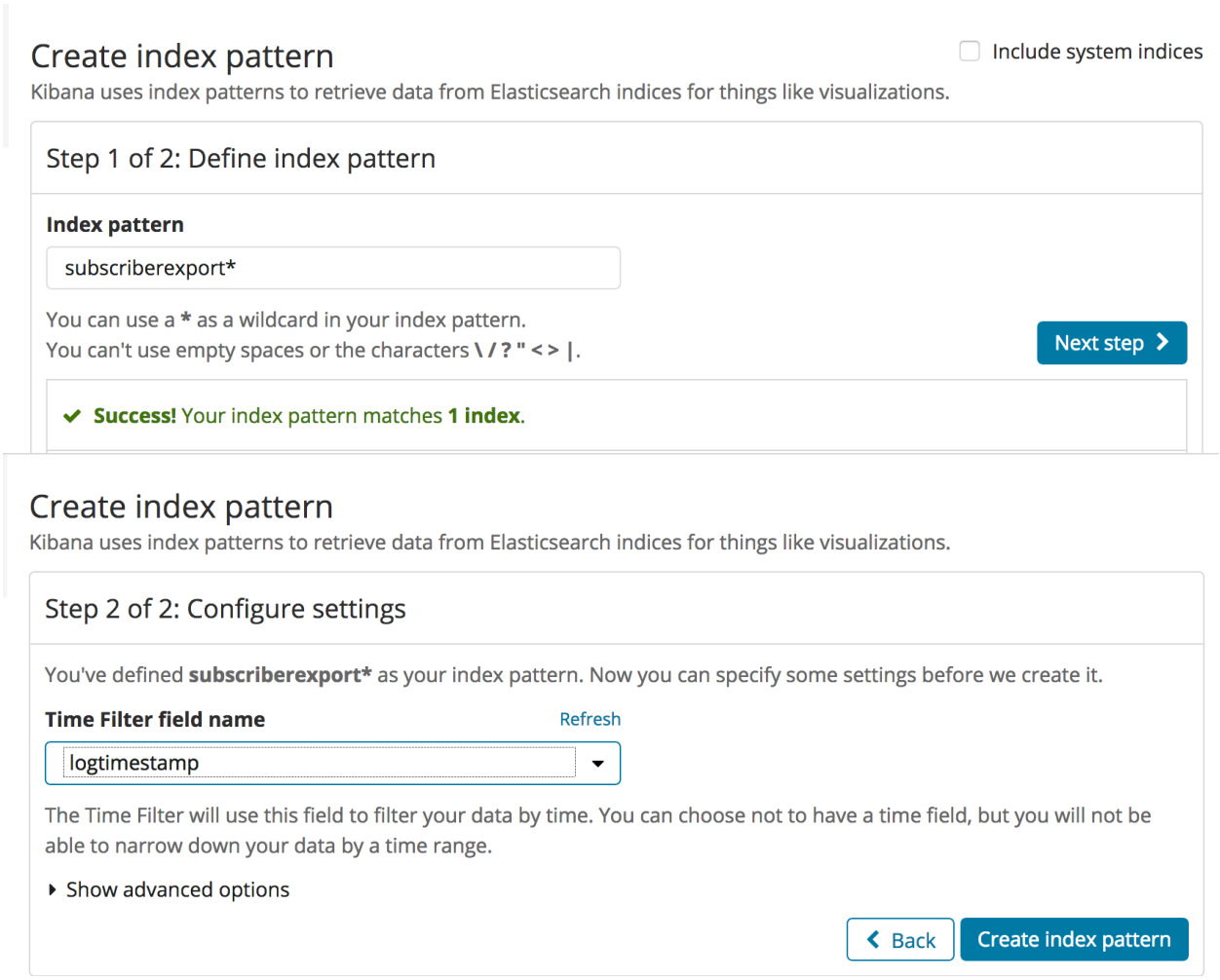
d. Configure subscriberexport* index pattern. Click “+Create index pattern”:



Click "Create index pattern"

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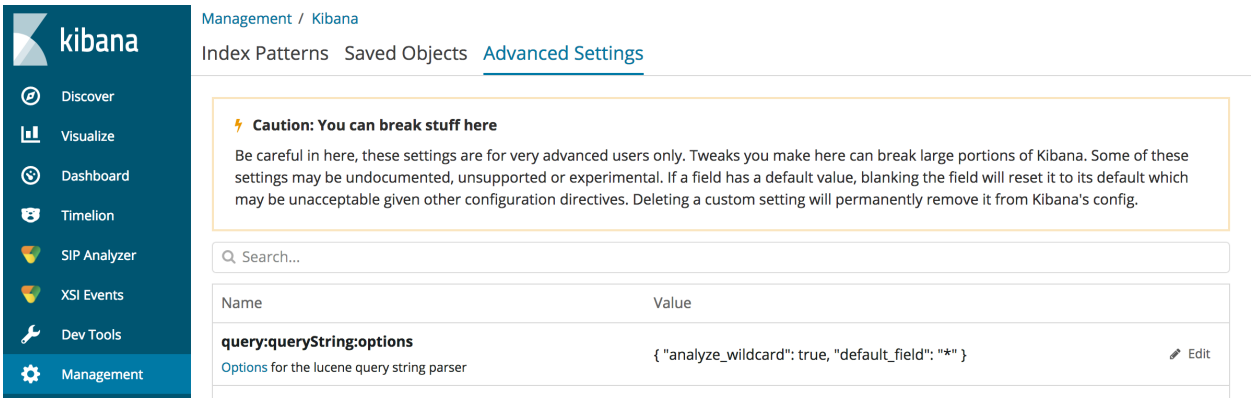
2 Configure lucene string parser

a. Click “Managemnt”, click “Advanced Settings”

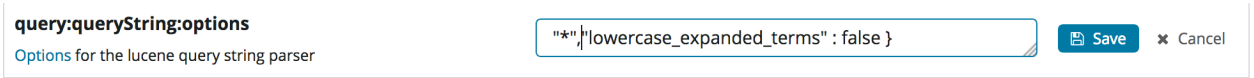


b. Click Edit icon for **query:queryString:options** (Default: *{ "analyze_wildcard": true }*)

Options for the lucene query string parser

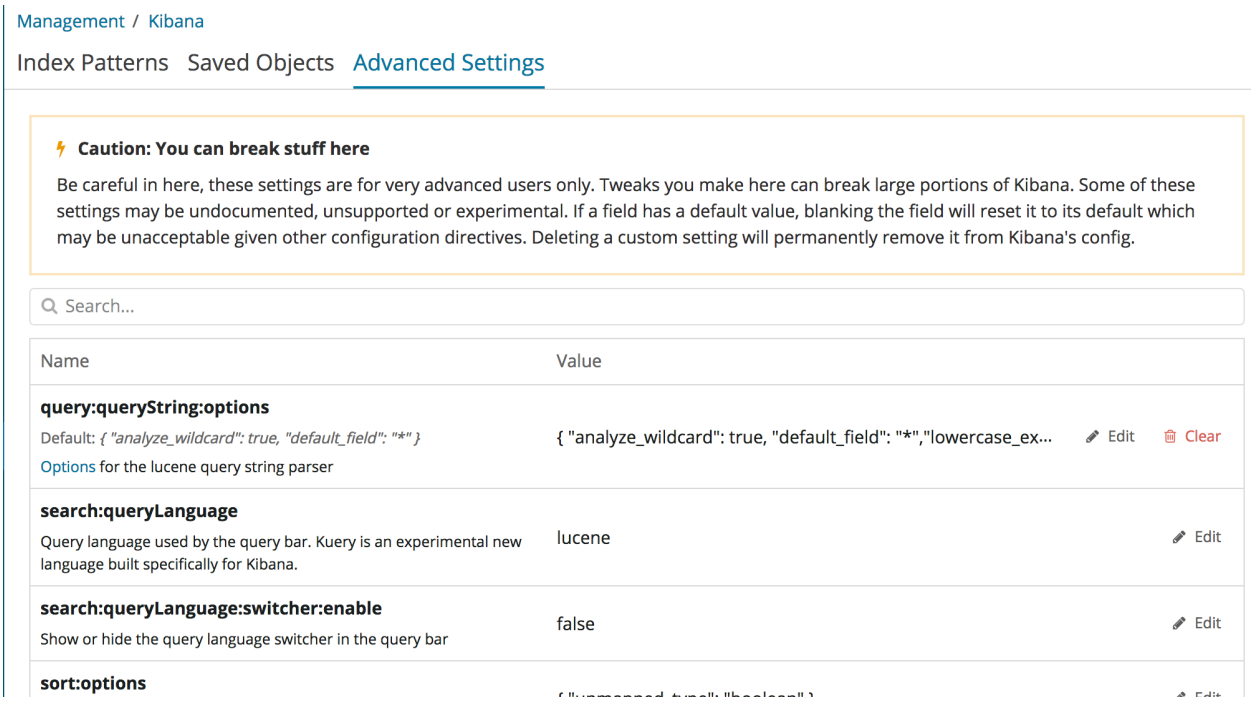
Append the following:

"lowercase_expanded_terms" : false



and click the Save icon

Which results in the following screen:



3 Change calculate call duration format

By default the calculated_callduration will be displayed in seconds. To display in hours:minutes:seconds (hh:mm:ss):

a. Click “Settings”, then “Indices”, and start entering “calcu” in filter box:

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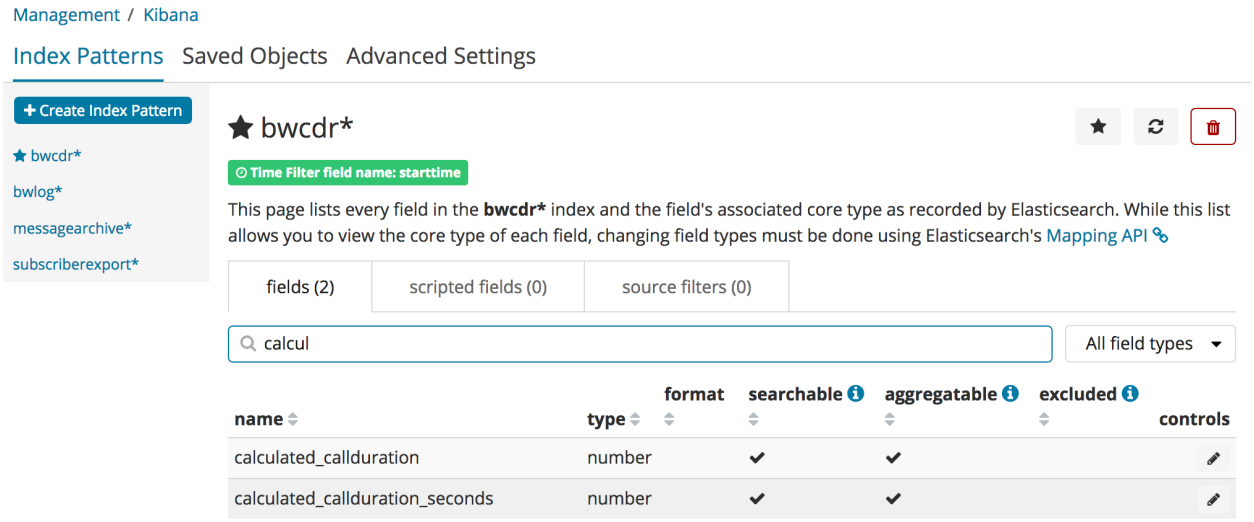
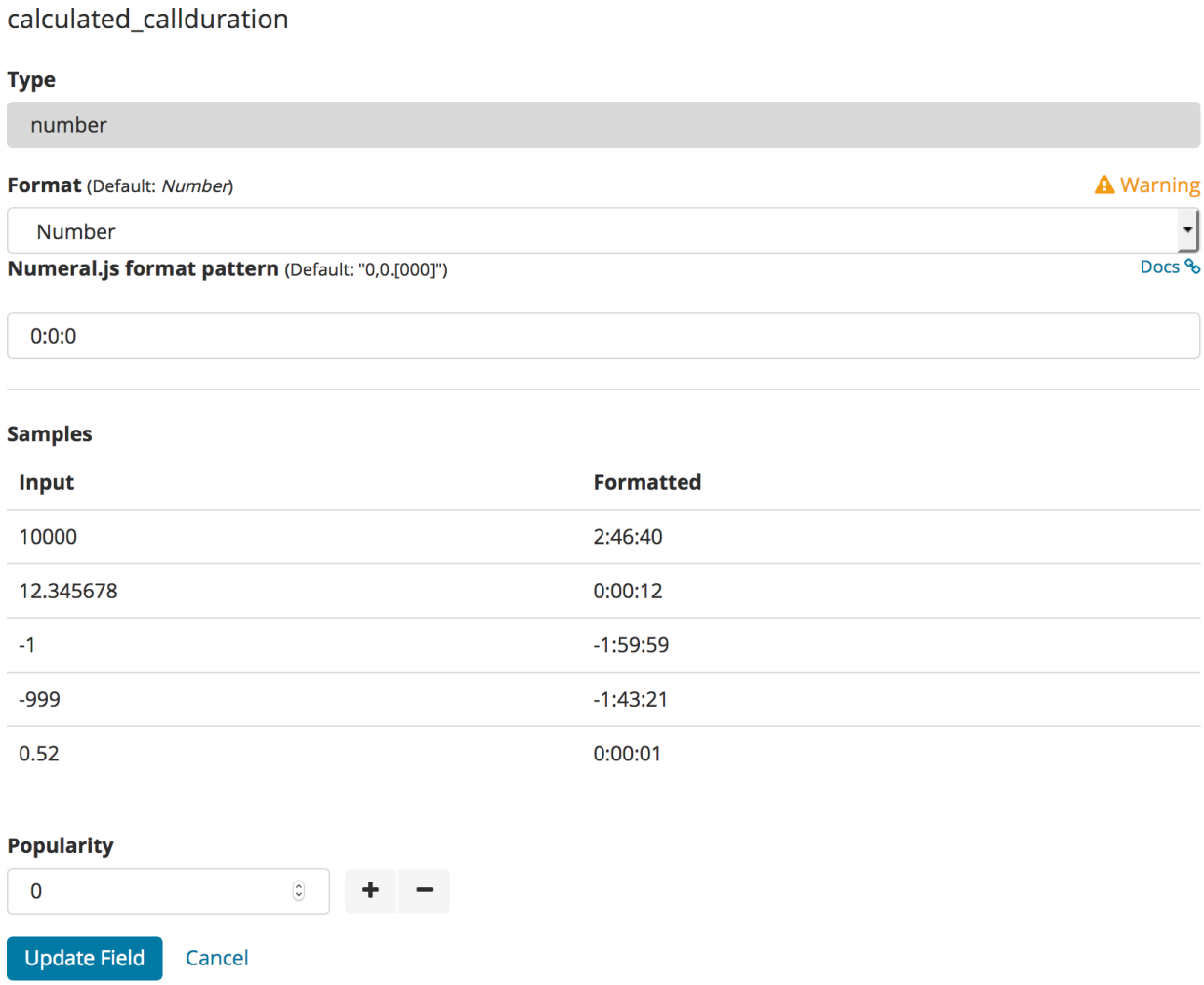
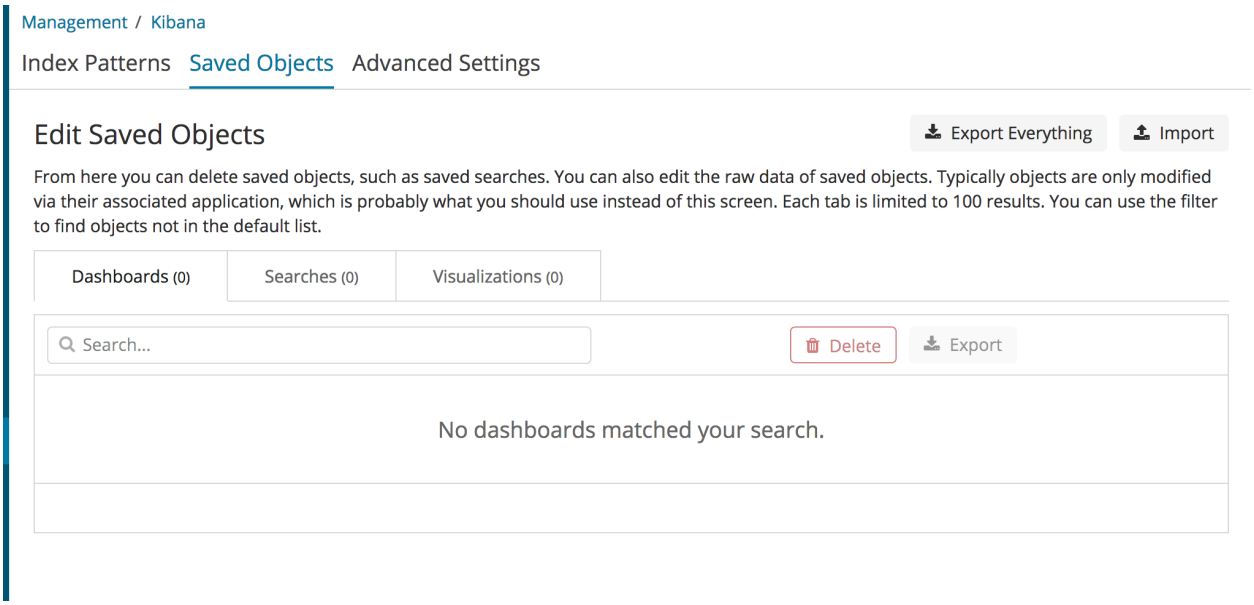


b. For "calculated_callduration", cllick the edit icon under “controls” and enter “0:0:0” in the edit box below ”**Numeral.js format pattern** (Default: "0,0.[000]")”. Click “Update Field”



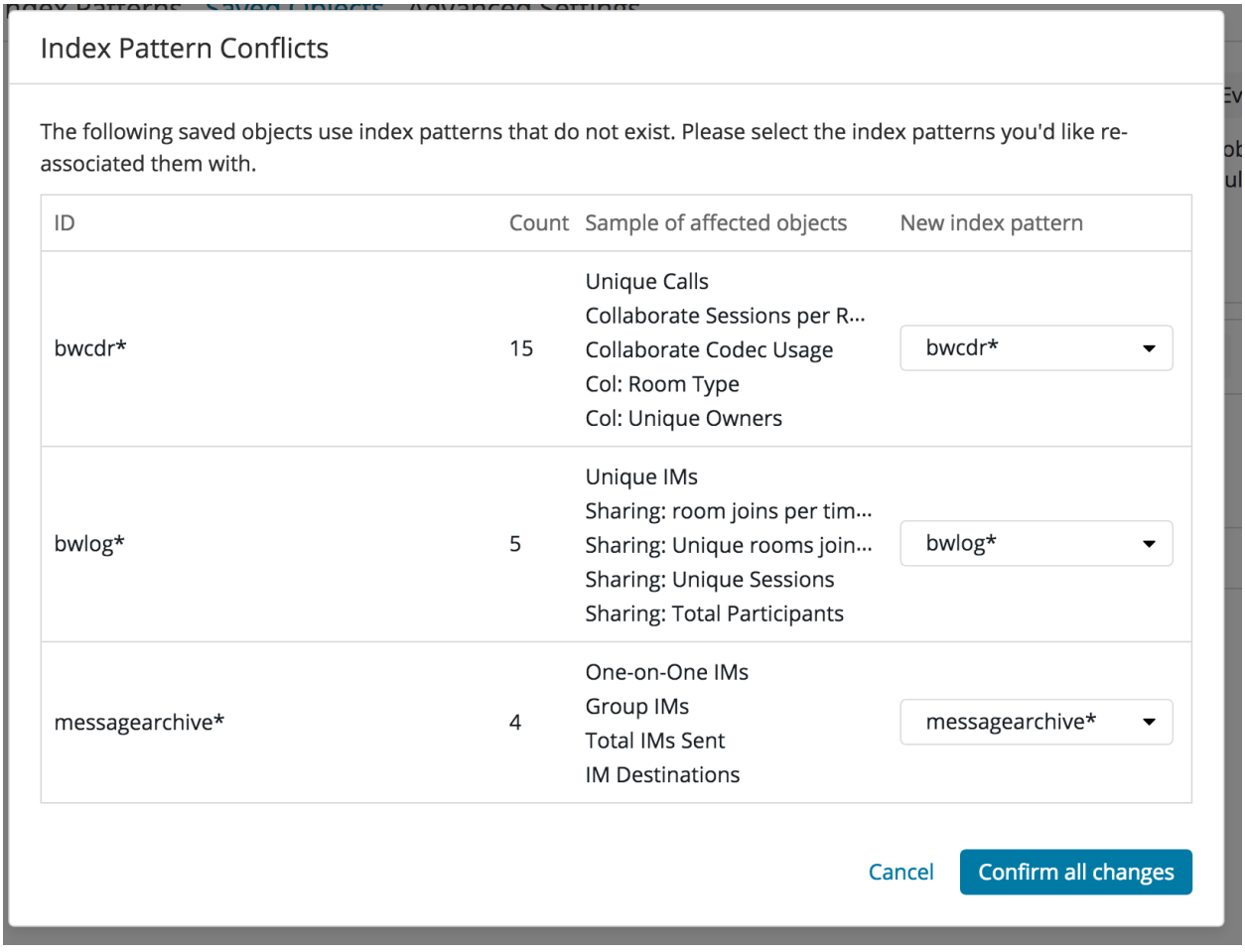
4 Import Dashboards

a. Go to “Settings”, click “Objects”, Click “Import”



b. Locate file “Broadworks Dashboards 1.0”, click Open.

In the "Index Pattern Conflicts" popup window, adjust the "new index pattern" fields as shown, and click "Confirm all changes".



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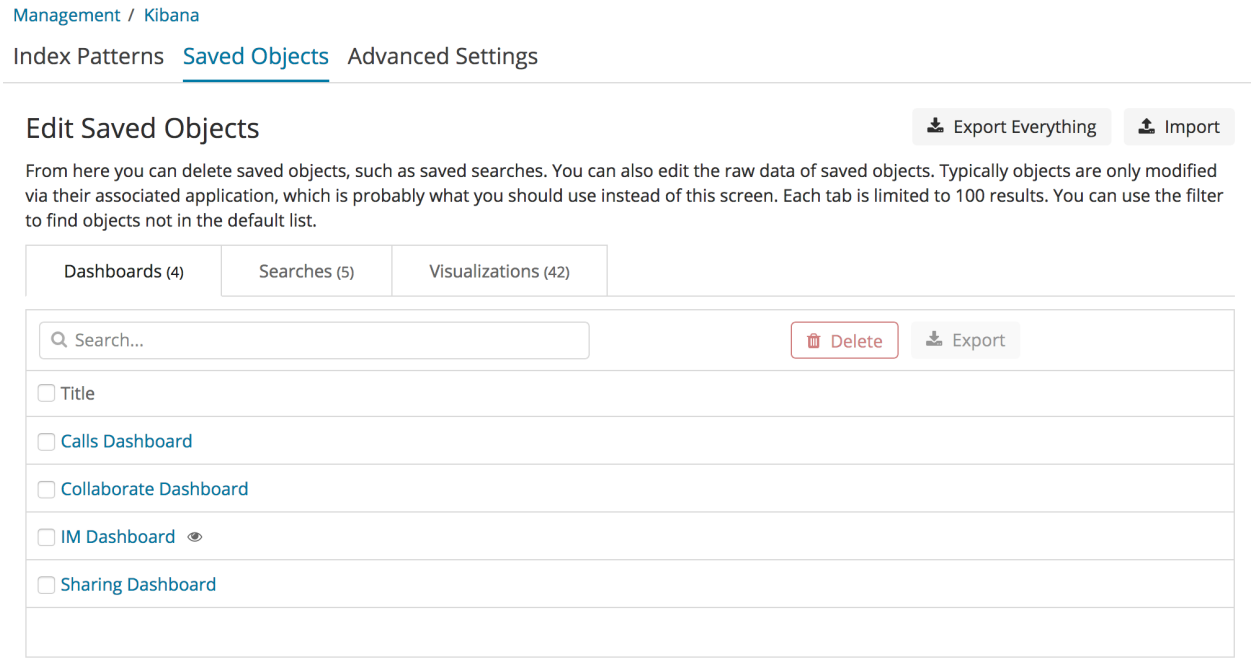
When import completes, the following screen should result:



5 Start Dashboards

a. Click “Dashboards”

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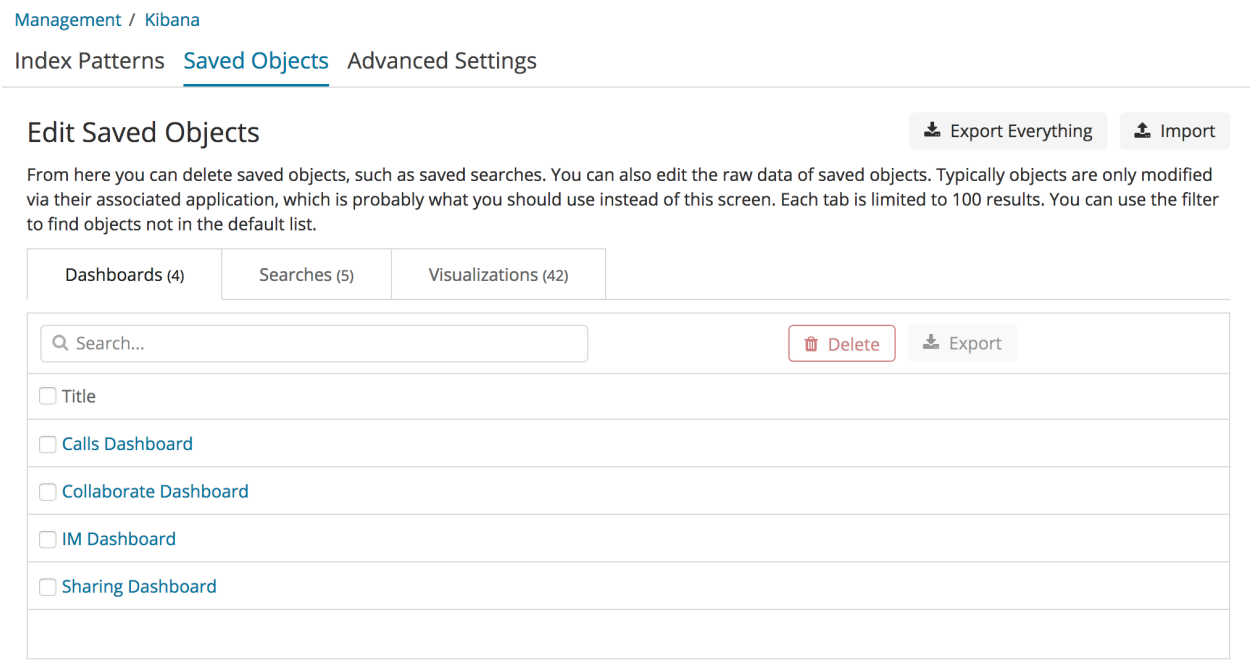
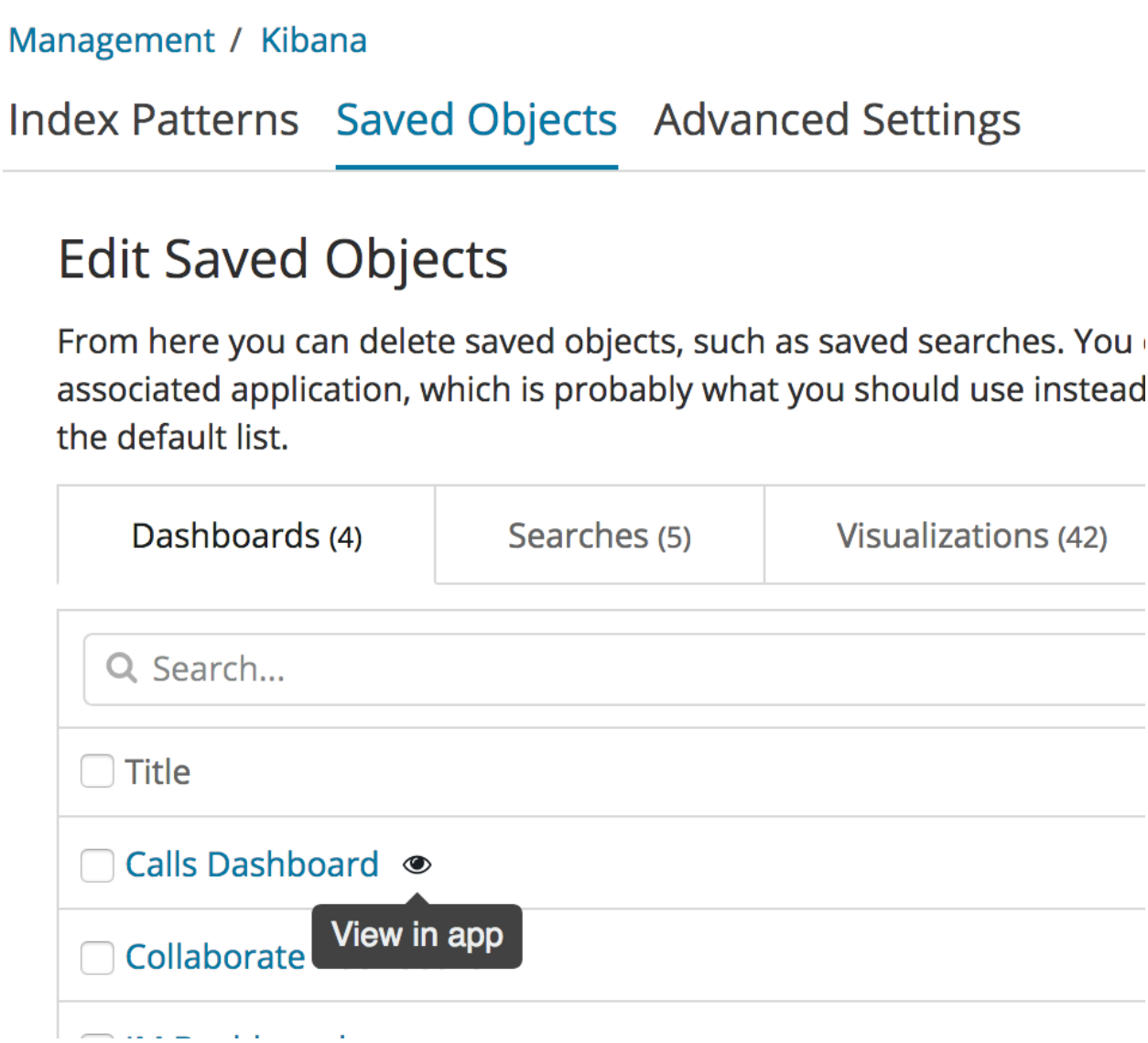


b. Hover near “Calls Dashboard” and click the eye to "view in app"



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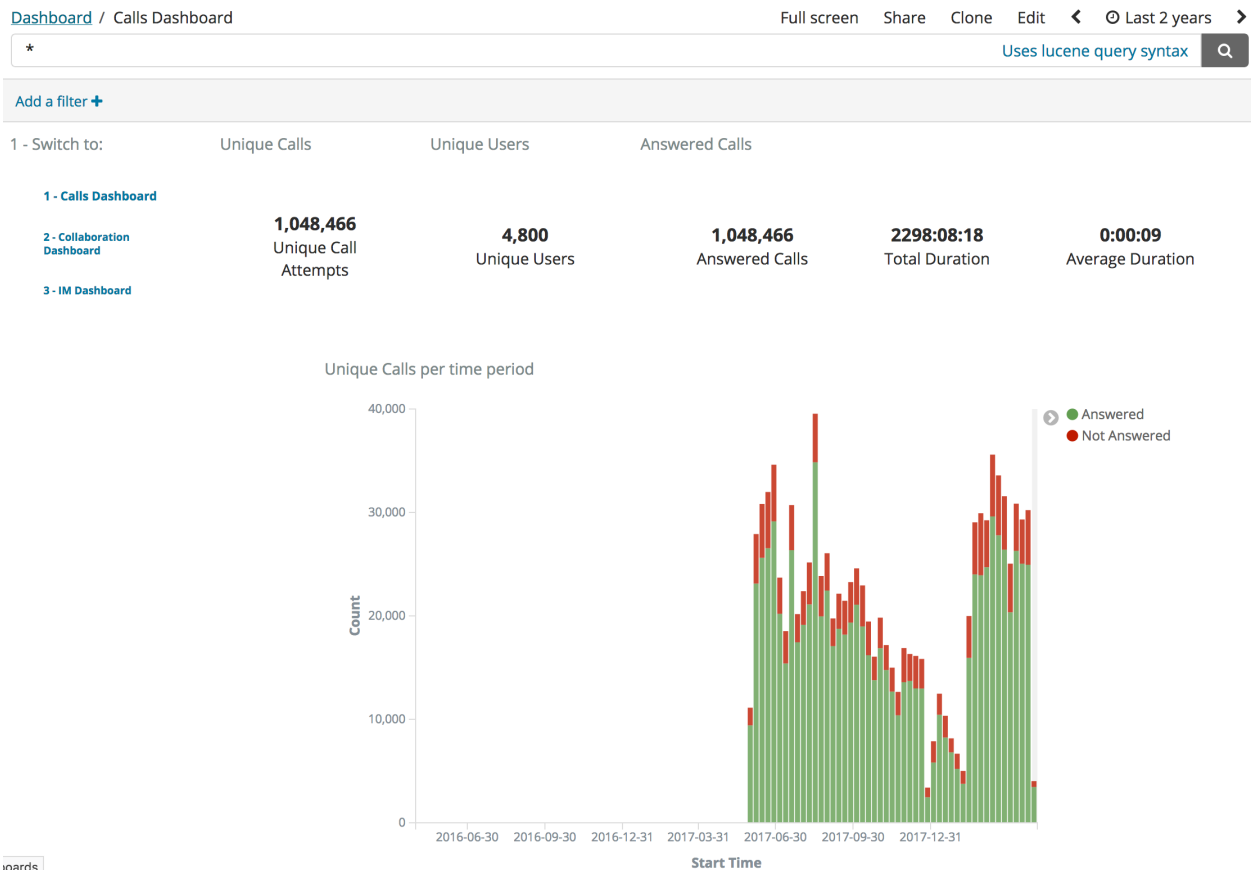

And you're done! You can switch dashboards by selecting it in the upper left menu.

References

- Kibana User Guide [6.0] | Introduction| Elastic https://www.elastic.co/guide/en/kibana/current/introduction.html.
- Tribe node | Elasticsearch Reference [6.0] | Elastic https://www.elastic.co/guide/en/elasticsearch/reference/current/modules-tribe.html.

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Appendix: Abbreviations

N.A.

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