Users see an "All shards failed" error/warning feedback when using Elasticsearch on pages with LIST plugins and sort_mode set in query string (by whatever means, either the page's php itself or whatever). It will happen because if the sort_mode is set to something which is invalid for that search query, Elasticsearch will throw an error.

This issue should actually be handled in lib/core/Search/Query.php, as there is already an attempt at gracefully bypassing sort errors in function search(..), but it is not working (prob because of Elasticsearch upgrades), the sort exception is thrown in lib/core/Search/Elastic/Connection.php using a preg_match('/No mapping found for \S+ in order to sort on/', it could be very likely ElasticSearch changed this. In fact, that whole firing different type of errors need to be reviewed for different version.
of Elasticsearch.

There is nevertheless a workaround for now even if the above isn't fixed - i.e. if you set a sort_arg variable for each of the LIST plugins on the page it will solve it, as then sort_mode in the query string won't affect these LIST searches. https://doc.tiki.org/LIST+-+list+or+pagination+command

Importance
5

Easy to solve?
6

Priority
30

Demonstrate Bug

Please demonstrate your bug on show2.tikiwiki.org

Version: trunk ▼ Create show2.tikiwiki.org instance

Ticket ID
6180

Created
Friday 18 November, 2016 19:01:02 GMT-0000

LastModif
Saturday 24 June, 2017 12:27:50 GMT-0000

Comments

Jonny Bradley 20 Nov 16 16:12 GMT-0000

This rings a bell on a bug we fixed (i thought) a while ago where a list plugin was used in a blog post (i think, might be articles) for the same sort_mode reason... but can't find it now, meh
I did find this one my Pat that seems to address the same issue. Maybe let's chat about it on IRC sometime?

azuledu 24 Jun 17 00:01 GMT-0000

Confirmed with Tikiwiki 16.2 and ElasticSearch 5.4.2

Jonny Bradley 24 Jun 17 14:39 GMT-0000

It looks like the exception that was being caught for ES v1 not longer gets thrown in
ES v2+, which is why the workaround in lib/core/Search/Query.php:320 is no longer working...
It seems, according to the docs that we should be able to supply a "missing" value that can be used if the sort field isn't there, but i've tried it locally and can't get it to work... anyway, will keep a look out for another way to fix it but it should like it should take care of itself, but for us it doesn't... 😞

Attachments

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<th>version</th>
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No attachments for this item