Rudder - Bug #14014

A lot of space is wasted on table nodecompliance and nodeconfigurations due to pretty jsonification

2018-12-19 15:23 - Nicolas CHARLES

Status:	Released		
Priority:	N/A		
Assignee:	François ARMAND		
Category:	Performance and scalability		
Target version:	4.3.8		
Pull Request:	https://github.com/Normation/rudder/pull/2100	**Effort required:**	
Severity:		**Priority:**	0
User visibility:			

Description

About 30% of the table size if use by spaces, even when accounting the compression within postgres
Creating the nodecompliance3 table, with the script
insert into nodecompliance3 (nodeid, runtimestamp, endoflife, runanalysis, summary, details) select nodeid, runtimestamp, endoflife, runanalysis, summary, regexp_replace(regexp_replace(regexp_replace(regexp_replace(details, '\s+"', '"', 'ig'), '\s+{', '{', 'ig'), '\s+}', '}', 'ig'), '\s+\]', ']', 'ig') from nodecompliance;

result in following disk usage, after vacuum full of both tables

```
  oid  | table_schema |      table_name     | row_estimate | total_bytes | index_bytes | toast_by
tes | table_bytes |  total  | index |   toast   | table
-------+--------------+---------------------+--------------+-------------+-------------+---------
----+-------------+---------+-------+-----------+--------
 16497 | public       | nodecompliance      |          350 |     1089536 |       98304 |      761
856 |      229376 | 1064 kB | 96 kB | 744 kB    | 224 kB
 25435 | public       | nodecompliance3     |          350 |      794624 |       98304 |      483
328 |      212992 | 776 kB  | 96 kB | 472 kB    | 208 kB
```

Associated revisions

Revision 30b14f18 - 2018-12-19 15:56 - Nicolas CHARLES

Fixes #14014: A lot of space is wasted on table nodecompliance due to pretty jsonification

History

#1 - 2018-12-19 15:56 - Nicolas CHARLES

- Status changed from New to In progress

- Assignee set to Nicolas CHARLES

#2 - 2018-12-19 15:56 - Nicolas CHARLES

- Status changed from In progress to Pending technical review

- Assignee changed from Nicolas CHARLES to François ARMAND

- Pull Request set to https://github.com/Normation/rudder/pull/2100

PR https://github.com/Normation/rudder/pull/2100

#3 - 2018-12-19 16:09 - Nicolas CHARLES

- Status changed from Pending technical review to Pending release

Applied in changeset rudder|30b14f189c3c46c327ecdc5eecdc185218a41f56.

#4 - 2018-12-20 09:31 - Nicolas CHARLES

- Subject changed from A lot of space is wasted on table nodecompliance due to pretty jsonification to A lot of space is wasted on table

nodecompliance and nodeconfigurations due to pretty jsonification

#5 - 2019-01-11 11:41 - Vincent MEMBRÉ

- Status changed from Pending release to Released

This bug has been fixed in Rudder 4.3.8 and 5.0.4 which were released today.

- Download: https://www.rudder-project.org/site/get-rudder/downloads/

Changelog
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