

LibpreludeDB - Feature #265

change assessment.impact.description from VARCHAR(255) to TEXT in the database

10/10/2007 07:57 PM - prmarino1-gmail-com -

|  |                      |                        |           |
|--|----------------------|------------------------|-----------|
| <b>Status:</b>   | Closed               | <b>Start date:</b>     |           |
| <b>Priority:</b>   | Normal               | <b>Due date:</b>       |           |
| <b>Assignee:</b>   | Yoann VANDOORSELAERE | <b>% Done:</b>         | 0%        |
| <b>Category:</b>   |                      | <b>Estimated time:</b> | 0.00 hour |
| <b>Target version:</b>   | 0.9.14               |                        |           |
| <b>Resolution:</b>   | fixed                |                        |           |
| <b>Description</b><br><p>In libpreludedb I would Like to change the field in the database for assessment.impact.description to TEXT in the database this would effectively unlimit the size of the field in [[PostgreSQL]] and SQLite, in [[MySQL]] it would set the maximum length to 65,535 characters. since this is not an indexed field and usaully not used for searching it should have a negligable if any proformance impact. It will also allow for much more verbose descriptions.</p> <p>the reason why this came to my attention is im working on an snmp sensor it almost complete but i want to be able to add the description from the mib to the alert however i realized that many of the descriptions in the mibs excide 255 characters in addition many of them actualy excide 512 characters. In RFC4765 there in the deffinition of a string there is no limit imposed on the length of a field.</p> |                      |                        |           |

History

#1 - 10/16/2007 11:16 AM - Yoann VANDOORSELAERE

- Status changed from New to Assigned

#2 - 10/17/2007 06:14 PM - Yoann VANDOORSELAERE

Replying to [prmarino1@gmail.com](mailto:prmarino1@gmail.com):

In libpreludedb I would Like to change the field in the database for assessment.impact.description to TEXT in the database this would effectively unlimit the size of the field in [[PostgreSQL]] and SQLite, in [[MySQL]] it would set the maximum length to 65,535 characters. since this is not an indexed field and usaully not used for searching it should have a negligable if any proformance impact. It will also allow for much more verbose descriptions.

Sound good, especially since some database engine forbid VARCHAR with more than 255 characters. This change is scheduled for the upcoming libpreludedb.

[[MySQL]]:

```
ALTER TABLE Prelude_Impact CHANGE description description TEXT NULL;
```

[[PostgreSQL]]:

```
ALTER TABLE Prelude_Impact ALTER COLUMN description TYPE TEXT NULL;
```

the reason why this came to my attention is im working on an snmp sensor it almost complete but i want to be able to add the description from the mib to the alert however i realized that many of the descriptions in the mibs excide 255 characters in addition many of them actualy excide 512 characters. In RFC4765 there in the deffinition of a string there is no limit imposed on the length of a field.

IDMEF does not impose length restriction on string, integer, or most other fields. However, we have to restrict fields length in the database layer for performance reasons.

**#3 - 11/02/2007 02:25 PM - Yoann VANDOORSELAERE**

- *Status changed from Assigned to Closed*
- *Resolution set to fixed*

(In r10025) Use TEXT in place of VARCHAR for alert.assessment.impact.description (fix [#265](#)).

**#4 - 04/29/2009 12:23 PM - Yoann VANDOORSELAERE**

- *Project changed from PRELUDE SIEM to LibpreludeDB*
- *Category deleted (2)*
- *Target version deleted (0.9.14)*