Foreman - Bug #9860

Should features_smart_proxies have a primary key?

03/22/2015 07:32 PM - Martin Jackson

Status:	New		
Priority:	Normal		
Assignee:			
Category:	Database		
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	1.8.0
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

I'm not sure exactly what happened, but I have the same smart proxy showing in features three times, and it shows up in some strange places and has some unusual consequences in the UI.

Here's my raw data:

```
foreman=# select * from features_smart_proxies ;
 smart_proxy_id | feature_id
----------------+------------
              1 |          5
              1 |          6
              1 |          5
              1 |          6
              1 |          5
              1 |          6
(6 rows)

foreman=# \d+ features_smart_proxies ;
                  Table "public.features_smart_proxies"
    Column      |  Type   | Modifiers | Storage | Stats target | Description
----------------+---------+-----------+---------+--------------+-------------
 smart_proxy_id | integer |           | plain   |              |
 feature_id     | integer |           | plain   |              |
Foreign-key constraints:
    "features_smart_proxies_feature_id_fk" FOREIGN KEY (feature_id) REFERENCES features(id)
    "features_smart_proxies_smart_proxy_id_fk" FOREIGN KEY (smart_proxy_id) REFERENCES smart_proxi
es(id)
Has OIDs: no
```

In my selection screens, the name of the smart proxy shows up three times (it doesn't matter which one I pick). Similarly, the "Smart Proxies" section of "About" shows cirdan.minas.tirith   Puppet, Puppet CA, Puppet, Puppet CA, Puppet, and Puppet CA   OK.

I suspect when I remove the extra rows, everything will normalize; but it seems the duplicates should not have gotten there in the first place.

This is in release 1.8.0-RC1.

History

#1 - 03/23/2015 06:15 AM - Dominic Cleal

- Description updated

- Category set to Database

There should be a unique index in features_smart_proxies over the (smart_proxy_id, feature_id) columns I'd say, there's no reason to have dupes.
The associate_features method in SmartProxy should also de-dupe the list of features just to ensure we don't try and add them too.