

Foreman - Bug #13838

Searching for hosts by facts does not return all hosts

02/22/2016 10:18 AM - Timo Goebel

Status: Rejected	
Priority: Normal	
Assignee: Timo Goebel	
Category: Search	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
Searching for hosts by the following query does not return all expected hosts "facts.app_tier = lxrls and facts.is_galera_arbitrator = true"	
SQL issued to db with missing hosts: SELECT `hosts`.* FROM `hosts` INNER JOIN fact_values fact_values_30 ON (hosts.id = fact_values_30.host_id) INNER JOIN fact_names fact_names_30 ON (fact_names_30.id = fact_values_30.fact_name_id) INNER JOIN fact_values fact_values_31 ON (hosts.id = fact_values_31.host_id) INNER JOIN fact_names fact_names_31 ON (fact_names_31.id = fact_values_31.fact_name_id) WHERE `hosts`.`type` IN ('Host::Managed') AND (((fact_names_30.name = 'app_tier' AND fact_values_30.value = 'lxperf') AND (fact_names_31.name = 'is_galera_arbitrator' AND fact_values_31.value = 'true')))) ORDER BY `hosts`.`name` ASC LIMIT 150 OFFSET 0	
SQL issued to db returning all expected hosts (removed ext_method from scoped search): SELECT `hosts`.* FROM `hosts` INNER JOIN `fact_values` fact_values_620066 ON (hosts.id = fact_values_620066.host_id) INNER JOIN `fact_names` fact_names_620066 ON (fact_names_620066.id = fact_values_620066.fact_name_id) INNER JOIN `fact_values` fact_values_868107 ON (hosts.id = fact_values_868107.host_id) INNER JOIN `fact_names` fact_names_868107 ON (fact_names_868107.id = fact_values_868107.fact_name_id) WHERE `hosts`.`type` IN ('Host::Managed') AND ((fact_names_620066.name = 'app_tier') AND (fact_names_868107.name = 'is_galera_arbitrator') AND (('hosts'.id IN (SELECT `host_id` FROM `fact_values` WHERE `fact_values_620066`.value = 'lxrls')) AND ('hosts'.id IN (SELECT `host_id` FROM `fact_values` WHERE `fact_values_868107`.value = 'true')))) ORDER BY `hosts`.`name` ASC LIMIT 150 OFFSET 0	
Related issues:	
Related to Foreman - Feature #11150: Allow searching of facts as types other ...	Closed 07/19/2015

History

#1 - 02/22/2016 10:18 AM - Timo Goebel

- Related to Feature #11150: Allow searching of facts as types other than string added

#2 - 02/22/2016 10:35 AM - Timo Goebel

- Assignee set to Timo Goebel

#3 - 02/22/2016 10:37 AM - Dominic Cleal

Can you see any pattern to the hosts that are missing from the second query (missing facts, different fact values)? The queries are slightly different but I don't see why they'd produce different results.

#4 - 02/22/2016 10:47 AM - Timo Goebel

- Status changed from New to Rejected

While investigating this further, I could not reproduce it again. I take this back for the time being. Thanks, Dominic.