

Synnefo - Bug # 3421

Status:	Feedback	Priority:	High
Author:	Stratos Psomadakis	Category:	
Created:	03/08/2013	Assignee:	Georgios Tsoukalas
Updated:	04/09/2013	Due date:	
Subject:	Pool size settings		
Description			
<p>The default DB pool size settings don't work and lead to a dead lock under load (concurrent reqs). Since for each connection we need 2 db reqs, the DB pool size should be at least as large as twice the apache max clients settings (max_clients: 50 -> db pool size: 100).</p> <p>We must also set the http conn pool to a 'sane' value. Atm, on okeanos.io, http conn pool size is 50 (apache max_clients, db_pool_size / 2). See also #3419 (about configurable http pool size).</p> <p>(the issue is easily reproduced with only one worker, default settings, and concurrent reqs/curls)</p>			
Related issues:			
related to Synnefo - Bug # 3420: kamaki pool initialization		New	03/08/2013

Associated revisions

Revision b336e6fa - 03/11/2013 06:18 pm - Georgios D. Tsoukalas

Fix+move HTTP quotaholder client in synnefo.lib

Allow per-service configuration of the (http) quotaholder client.

Kamaki is no longer needed in service (or ganeti) nodes, because the client has been moved to snf-common.

Also fix the default quotaholder settings for pithos backend to be disabled by default, and don't initialize quotaholder client when not needed.

This fixes crashes of non-user-facing pithos backend uses such as pithcat from snf-image.

Refs #3421

History

#1 - 04/09/2013 11:44 am - Georgios Tsoukalas

- Status changed from New to Feedback
- Target version changed from 0.14.0 to 0.13.0

The current practice is to (down)scale pool sizes and (up)scale the max db connections so that the total database connections possible through the pools are somewhat less than what the database allows.