Subject: [PATCH 0/1, v8] cgroup/freezer: add per freezer duty ratio control
Posted by jacob.jun.pan on Fri, 11 Feb 2011 20:22:25 GMT
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From: Jacob Pan <jacob.jun.pan@linux.intel.com>

Fixing subject in cover letter, should be v4 instead of v3

Changelog:
v8: - minor clean up
v7: - use delayed workqueue instead of per cgroup kernel thread
to manage toggling
- make freezer.state higher priority than duty ratio setting
- small correction in documentation

v6: - remove check for duty ratio == 100 case
v5: - improve error handling in duty ratio/ period writes
- fix the logic to avoid kthread creation when ratio and
period are invalid.
- 100% frozen is not permitted in duty ratio set up

v4: - limit kthread creation only when valid duty ratio
parameters are given.
- changed period back to milisecond
- consolidated paramter write functions

v3: - added documentation

v2:
- use read_u64/write_u64 instead of string read/write
- use period in second instead of ms
- renamed duty_ratio to duty_ratio_pct, be more specific
- removed locking around period and duty_ratio reads

Jacob Pan (1):
cgroup/freezer: add per freezer duty ratio control

Documentation/cgroups/freezer-subsystem.txt | 23 ++++++
kernel/cgroup_freezer.c | 109 ++++++