Subject: [PATCH 0/2] dm-ioband: I/O bandwidth controller v1.0.0: Introduction
Posted by Ryo Tsuruta on Mon, 19 May 2008 08:22:38 GMT
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Hi everyone,

This is dm-ioband version 1.0.0 release.

Dm-ioband is an I/O bandwidth controller implemented as a device-mapper
driver, which gives specified bandwidth to each job running on the same
physical device.

- Can be applied to the kernel 2.6.26-rc2-mm1.
- Changes from 0.0.4 (24th April):
  - Performance tuning
    - A new bandwidth control policy is added. This policy controls
      bandwidth based on the number of I/O sectors instead of the
number of I/O requests.
I think it would be useful for some applications such as video
streaming or when you want to use high-end storages.
      - Control read and write requests separately. So even if a
        write I/O queue in an elevator is full, read I/O requests
 won't be blocked.
    - More accurate bandwidth control.
  - Code cleanups. Remove the "LINUX_VERSION_CODE" and "inline" stuff.
  - Fix panic on "dmsetup suspend."

For more details, please refer to:
http://people.valinux.co.jp/~ryov/dm-ioband/

Thanks,
Ryo Tsuruta

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