

zfs 問題

2024.05.12 05:49:26

FAQ

OS:	i2CDP	バージョン:	0
言語:	英語(US)	稼働率:	0.00 %
地域:	zh_CN	作成日時:	2023/07/05 15:04:19

問題 (1)

ZFS cdp 問題

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問題
( )
zfs set atime=off xattr=sa primarycache=all redundant_metadata=most data

問題
zfs set atime=off xattr=sa primarycache=metadata redundant_metadata=most data

問題data zpool
atime=off atime

xattr=sa http://www.nerdblog.com/2013/10/zfs-xattr-tuning-on-linux.html
primarycache=metadata
primarycache=all
redundant_metadata=most metadata
echo 48318382080 > /sys/module/zfs/parameters/zfs_arc_max
ZFS 75%
48318382080 / 64000000000 = 75%
echo 50 > /sys/module/zfs/parameters/zfs_arc_dnode_limit_percent
echo 128 > /sys/module/zfs/parameters/zfs_vdev_sync_read_max_active
echo 30 > /sys/module/zfs/parameters/zfs_vdev_async_read_max_active
echo 128 > /sys/module/zfs/parameters/zfs_vdev_sync_write_max_active
echo 128 > /sys/module/zfs/parameters/zfs_vdev_async_write_max_active
https://zfsonlinux.org/manpages/0.7.13/man5/zfs-module-parameters.5.html

sudo echo 0 > /sys/module/spl/parameters/spl_taskq_thread_dynamic
https://github.com/openzfs/spl/issues/470
sudo echo 1280 > /sys/block/sdb/queue/nr_requests

nr_requests O
128 * RAID5 1

ZFS
1. zfs.conf /etc/modprobe.d
cat /etc/modprobe.d/zfs.conf
options zfs zfs_arc_dnode_limit_percent=50
options zfs zfs_vdev_sync_read_max_active=128
options zfs zfs_vdev_async_read_max_active=30
options zfs zfs_vdev_sync_write_max_active=128
options zfs zfs_vdev_async_write_max_active=128
options spl spl_taskq_thread_dynamic=0
#####
#zfs_arc_max [zfs zfs_arc_min
#####
option zfs zfs_arc_max=107374182400
option zfs zfs_arc_min=64424509440

ZFS ZFS echo

updatedb /etc/updatedb.conf PRUNEFS zfs

Record size oracle 8k 4k FAQ:
http://support.info2soft.com/service/public.pl?Action=PublicFAQZoom;ItemID=875
```