

by nicola for livenet research

# Performance zfs

- [http://open-zfs.org/wiki/Performance\\_tuning#Alignment\\_Shift\\_.28ashift.29](http://open-zfs.org/wiki/Performance_tuning#Alignment_Shift_.28ashift.29)
- [http://open-zfs.org/wiki/Performance\\_tuning#Basic\\_concepts](http://open-zfs.org/wiki/Performance_tuning#Basic_concepts)
- [https://github.com/zfsonlinux/zfs/blob/master/cmd/zpool/zpool\\_vdev.c#L108](https://github.com/zfsonlinux/zfs/blob/master/cmd/zpool/zpool_vdev.c#L108)
- <https://www.servethehome.com/the-case-for-using-zfs-compression/>
- <https://utcc.utoronto.ca/~cks/space/blog/linux/ForcedUTF8FileNames>
- <https://serverfault.com/questions/74411/best-compression-for-zfs-send-recv>

## choose correct value ashift

<https://illumos.topicbox.com/groups/zfs/T2cf12f740806aa96-Ma3844bffd677334735f94f3d>

## understanding aio mode

- <https://specs.openstack.org/openstack/nova-specs/specs/mitaka/implemented/libvirt-aio-mode.html>
- <https://blog.programster.org/zfs-record-size>

==option of qemu== \*

- [https://heiko-sieger.info/qemu-system-x86\\_64-drive-options/](https://heiko-sieger.info/qemu-system-x86_64-drive-options/)
- [http://people.redhat.com/pbonzini/qemu-test-doc/\\_build/topics/disk\\_005fimages.html](http://people.redhat.com/pbonzini/qemu-test-doc/_build/topics/disk_005fimages.html)

## native or threads

- [https://www.reddit.com/r/VFIO/comments/9e3wwf/io\\_native\\_vs\\_threads\\_with\\_kvm\\_and\\_gpu\\_passthrough/](https://www.reddit.com/r/VFIO/comments/9e3wwf/io_native_vs_threads_with_kvm_and_gpu_passthrough/)
- [https://wiki.mikejung.biz/KVM/\\_Xen](https://wiki.mikejung.biz/KVM/_Xen)

## qemu disk with win10 performance

<http://turlucode.com/qemu-disk-io-performance-comparison-native-or-threads-windows-10-version/>

From:  
<https://wiki.csgalileo.org/> - **Galileo Labs**

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<https://wiki.csgalileo.org/qemu?rev=1545647280>

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