素材

When mounting your GlusterFS storage from a remote server to your local server, be sure to dissable **direct-io** as this will enable the kernel read ahead and file system cache. This will be sensible for most workloads where caching of files is beneficial.

You enable direct-io-mode by"mount -t glusterfs XXX:/testvol -o direct-io-mode=enable mountpoint"??If so, the file was not cached in GlusterFS client kernel,in other words,the cache is system cache.But,the file was cached in GlusterFS server kernel.

The mount option for fstab is actually direct-io-mode=[enable|disable]. This is for GlusterFS 3.4.0.

**performance.write-behind-window-size**

**performance.cache-refresh-timeout**

**performance.cache-size**

**cluster.stripe-block-size**

**performance.io-thread-count**

**readahead /page-count**

**flush-behind**

performance.flush-behind: on

performance.client-io-threads: on

performance.cache-refresh-timeout: 10

performance.io-thread-count: 64

performance.write-behind-window-size: 4MB

performance.cache-size: 1GB

performance.cache-size: 1GB

performance.io-thread-count: 16

performance.readdir-ahead: enable

performance.read-ahead: disable

performance.client-io-threads: on

performance.write-behind-window-size: 1MB

cluster.lookup-optimize: on

client.event-threads: 4

server.event-threads: 4

cluster.readdir-optimize: on

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**performance.cache-size: 4GB**

***performance.cache-refresh-timeout: 1***

*performance.write-behind: on*

*performance.flush-behind: on*

**performance.write-behind-window-size: 4MB**

*performance.read-ahead: on*

*performance.read-ahead-page-count: 4*

**performance.readdir-ahead: enable**

**cluster.stripe-block-size: 1M**

***performance.io-thread-count : 16***

***performance.high-prio-threads : 16***

***performance.normal-prio-threads : 16***

***performance.low-prio-threads : 16***

***performance.least-prio-threads : 1***

**performance.client-io-threads: on**

**client.event-threads: 4 (1-32)**

**server.event-threads: 4 (1-32)**

tuned-adm profile throughput-performance