IBM Virtualization Engine TS7700 Series Best Practices - Understanding, Monitoring, and Tuning the TS7700 Performance is an in-depth study of the inner workings of the TS7700, and the factors that can affect the overall performance of a stand-alone cluster or a TS7700 grid. In addition, it explains throttling mechanisms and available tuning options for the subsystem to achieve peak performance.

Virtual mounts

This page is used to view the virtual mount statistics for the TS7700 Grid. Virtual mount statistics are displayed for activity on each cluster during the previous 15 minutes. These statistics are presented in bar graphs and tables and are organized according to number of virtual mounts and average mount times.

► Number of virtual mounts: This section provides statistics for the number of virtual mounts on a given cluster during the most recent 15-minute snapshot. Snapshots are taken at 15-minute intervals. Each numeric value represents the sum of values for all active partitions in the cluster.Information displayed includes the following:

- Cluster: The cluster name.
- Fast-Ready: The number of virtual mounts that were completed using the Fast-Ready method.
- Cache Hits: The number of virtual mounts that were completed from cache.
- Cache Misses: The number of mount requests that are unable to be fulfilled from cache.

> **Note:** This field is visible only if the selected cluster possesses a physical library.

- Total: Total number of virtual mounts.

► Average mount times: This section provides statistics for the average mount times in milliseconds (ms) on a given cluster during the most recent 15-minute snapshot. Snapshots are taken at 15-minute intervals. Each numeric value represents the average of values for all active partitions in the cluster. The information that is displayed includes the following:

- Cluster: The cluster name.
- Fast-Ready: The average mount time for virtual mounts that were completed using the Fast-Ready method.
- Cache Hits: The average mount time for virtual mounts that were completed from cache.
- Cache Misses: The average mount time for mount requests that are unable to be fulfilled from cache.

> **Note:** This field is visible only if the selected cluster possesses a physical library.

For more information about how to achieve better performance, see *IBM Virtualization Engine TS7700 Series Best Practices - Understanding, Monitoring and Tuning the TS7700 Performance*, WP101465:

http://www.ibm.com/support/techdocs/atsmastr.nsf/WebIndex/WP101465