

*Look inside your server with...*

# Servergraph/TSM



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## Servergraph/TSM



### **The point of this session**

It's always smart to compare notes with your peers. Here, we can compare notes while *watching* the TSM server's behavior, thus saving thousands of words (we hope).

In this session, we will see how a few different TSM servers behaved over a three-day period, and discuss that behavior with their owners.

### A point of courtesy

To those of you who sent in their server logs for this session: ***Thank you very much!***

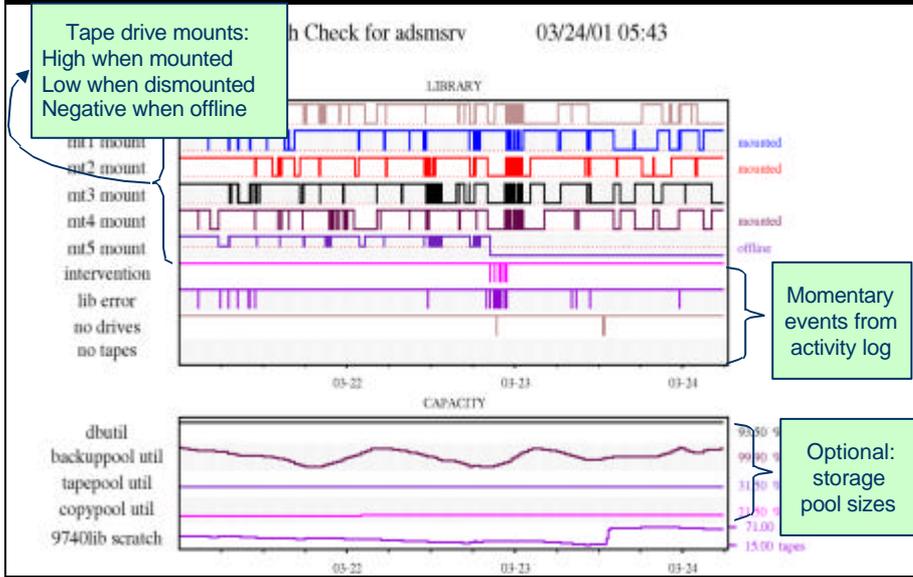
We all realize that you didn't ***have*** to subject your TSM site to public scrutiny.

We will try to find agreement on best practices while avoiding outright criticisms of your site. (The overly derisive will be asked for ***their*** logs!)

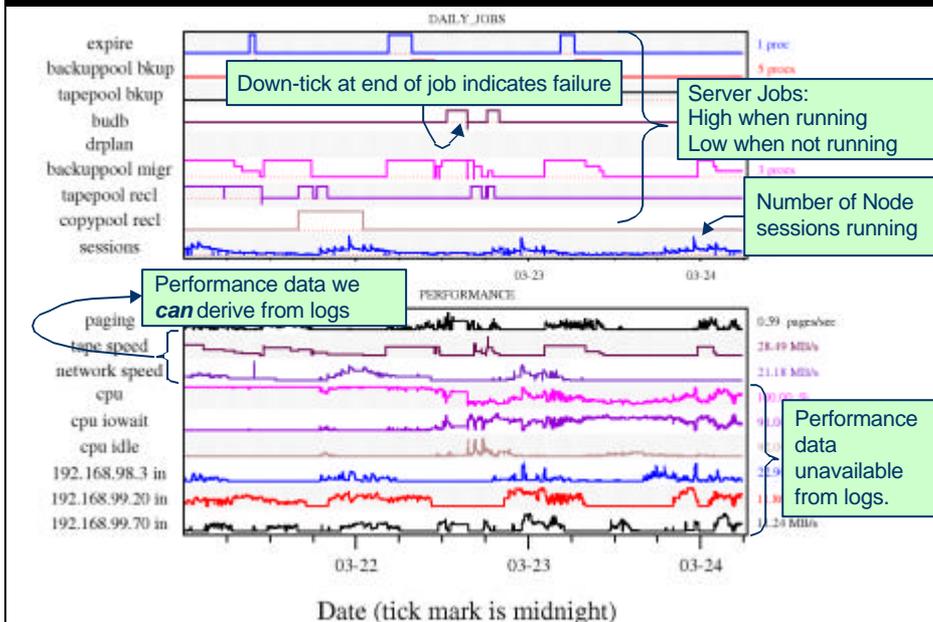
### How we build these graphs

- **Activity log analysis shows**
  - Tape drive mount / dismount activity
  - Server job start / end times, and speed (e.g. Expiration, Migration, DB backup, ...)
  - How many sessions are in progress at any given time
- **Accounting log analysis shows**
  - Each session's start, end, duration, speed
  - Each session's media wait, idle wait, comm wait time
- **Optional queries (dumped to actlog) show**
  - Percent-full for each storage pool and DB
  - Database and Log utilization.(Not all sites will have this information.)

# Graphical Health Check (1 of 2)



# Graphical Health Check (2 of 2)



# Visualizing Sessions

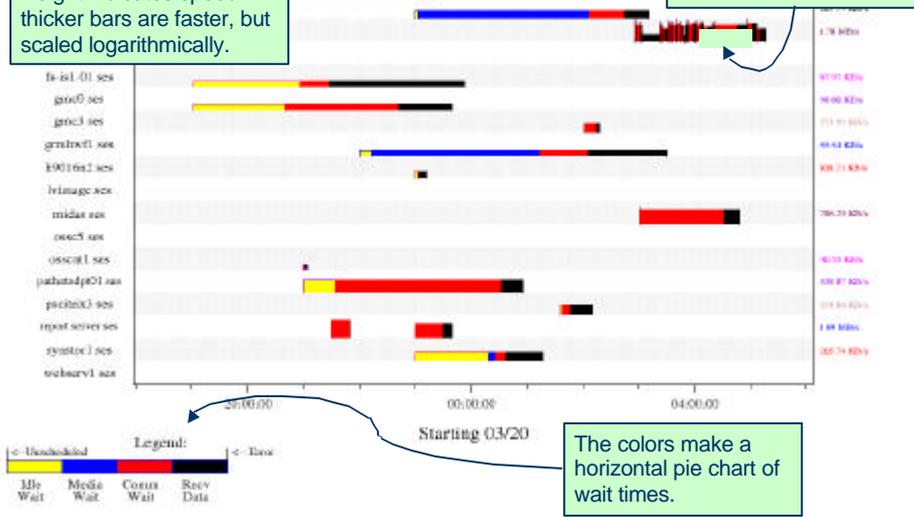
From accounting log data.  
Each bar is one session.

Position of the bar shows  
start time and duration.

Height indicates speed:  
thicker bars are faster, but  
scaled logarithmically.

Node Sessions for adsmrv 03/23/01 23:09

A database vendor's  
custom ADSM backup  
script causes dozens of  
short sessions.



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## On to the site graphs...

Graphs were not available at print time, but may be posted later at [www.servergraph.com/gallery](http://www.servergraph.com/gallery).

*Thanks for coming to...*

*Look Inside Your Server with...*

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