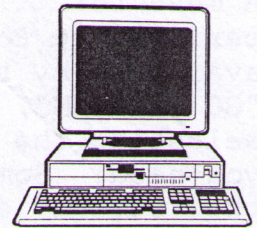


IBM MID-RANGE  
COMPUTER  
USERS GROUP



President: Steve Walker - 264-1442 Vice Pres.: David Carpenter - 264-2504  
Secretary: Alan Judson - 763-6650 Treasurer: Kirk Nacey - 972-3558 X110

AUGUST

Our August meeting will be held 11:00 a.m. Thursday, August 11th, 1994 at the **MURRAY CITY OFFICES, 5025 South State.**

Our speaker for the August meeting will be Jim Favre from the AS/400 Development Laboratory. Jim will be speaking on Client/Server issues. These include: client/server strategy and direction, client/server application development, client series overview, etc. Jim is currently developing client/server solutions for AS/400 customers.

Please note that our meeting has been changed to Thursday, August 11th. This is because Jim had previously committed

to be in Los Angeles, California on Wednesday the 10th.

MPA

The MPA meeting will be held at 4:00 p.m. on August 17th, 1994 at I-O Corporation, 2256 South 3600 West in Salt Lake.

JULY

Our guest speaker on July 13th was Robin VanWagenen from IBM. Her topic was "Performance/Capacity Planning an Introduction".

Robin mentioned that the steps to managing performance are:

1. Performance data collection.
2. Performance analysis - data, trends, problems.
3. Tuning.
4. Capacity planning.

Four areas we need to look at when measuring resources are:

1. Main Storage - storage pools,

faulting rates.

2. CPU - contention, utilization.
3. Disk - contention, utilization, capacity.
4. Communication Lines - contention, volume of traffic, retries, line speeds, failures, utilization.

When do you measure performance?

1. On a regular basis.
2. If you see changes in trends in your historical data.
3. Anytime changes are made to hardware, software or any operational changes.
4. If additional applications are planned.
5. Before installing new releases.
6. If workload increases.

Robin suggested reviewing the following three manuals as references: Performance Tools Guide, BEST1/400 and the Redbook on

performance.

A menu for performance tools is available by typing: "GO PERFORM", then selecting the option you need. Some of the "status" options can be executed directly from the command line such as WRKSYSSTS, WRKSBS, WRKJOB, WRKSBJOB, WRKACTJOB, WRKDSKSTS. To collect performance data, use the menu options or use the commands STRPFRMON, ENDOFRMON, WRKPFRCOL. Be careful if you want to print the performance reports, some of them are HUGE!!! You should print just the summary unless you need the detail.

Robin said to run the performance monitor for two hours during average system load, one hour during peak load, and during typical signon/signoff periods to get a good look at your system load.

Another performance tool is the Capacity Planning/Modeling option which lets you do what-if scenarios to anticipate future capacity need. BEST1/400 is a tool available under V2R2 to help with this process. V2R1 used

MDLSYS.

We encourage you as users to experiment with the performance tools over the next few months. Then we will revisit this topic during one of our user group meetings to review the results and go on to more advanced performance and capacity planning. We appreciate Robin's time and presentation.

#### FUTURE PLANNING

First shipments of V3R1 will be around August 19th. General shipments should start in November.

Our September meeting will be on the 14th. Possible topics are Windows or PC Support - Rumba under Windows.