

Session E12

What's new in TCP/IP

Leo J Langevin

Leo@E-VSE.COM

Current Release Information...

- **1.50c**
- **Available from IBM (tape)**
- **Available from CSI (2.3meg download)**
- **Includes fixes, enhancements, and new features**
 - Documentation should be forthcoming

Auto-Event Deamon

- **POWERSYSID=** And will now grab only local data or based on this value
- **PRIORITY=YES|NO** Use POWER PRI
- **ORDER=YES|NO** Process in order
- **DIAG=CLIENTD|AUTO|LPR|EMAIL**
- **DIAG=-option or OFF**
- New “&PWRCDAT” and “&PWRCTIM”
- **QUERY EVENTS[,WAIT|ACTIVE|DETAIL]**

Internal CLIENT

- Break clients down into separate parts.
- GOODMATCH, BADMATCH, WARNMATCH (0,8,4) for REXEC/RSH
- WHOIS

EXEC CLIENT enhancements

- **&CURDATE &CURTIME** are set
- **TRUNC=ON** (exec parm: 73-80 off)
- **ATTACH %SYSIPT** (Email only)

New Email commands - EMBLOK

- **EMAIL command expanded:**
TRANSLATION=
TRATT=
TRMAIL=
POP3
- **More information displayed at query**

EMAIL enhancements

- **SET MAILSERVER=domain_name** (mx support added – pseudo SMTPD)
- **&NOWDATE** and **&NOWTIME**
- **Isolated module, smaller code**
- **QUERY POP3**
- **DELETE x,x,x,...x**
- **SET LANGUAGE=member.L**
- **SET CHECKNAME=OFF**

Performance

- **QUERY FRAGMENTS**
- **DUMP FRAGMENTS**
- **DISCOVER**
- **SET TASKS – (24-bit TKBLOKS) –**
preallocate to prevent 24-bit
fragmentation.

Performance Improvements

- **PING, TRACERT, and DISCOVER console commands are now subtasks**
- **DIAG=MISROUTE**
- **DIAG=NONIP**
- **More GETVIS moved to 31-bit**

New commands

- **QUERY VERSIONS[,ALL|ERROR,PHASE=]**
- **SET DIAG=CONSOLE|NOCONSOLE**
- **SET DIAG=SSL**
- **MSG xx,DATA=command**
(SET CONSOLE_HOLD=OFF)

HTTPD

- **DEFINE HTTPD,SCANBLOCKER=**
- **DEFINE HTTPD,LIMIT=nnnnn**
- **If scanned 3 times by same IPADDR in a row, lock out that person!**
- **HACKLIST**

GPSD

- **DEFINE GPSD,MODE=EBCDIC**
(No translation and append X'15')
- **OUTPUT=DIRECT**

FTPD

- **DEFINE FTPD,SSL=YES|NO**
BUFFERCOUNT=3 # xfer buffers*
BUFFERSIZE=nnn|65536

**SET MAXBUFF does nothing now.*

TIMEOUT=is obeyed during login.

EXEC FTP

- **Uses DTFDI**
- **Consider using FTPBATCH_FETCH**

FTP BATCH

- SET PULSE ON/OFF
- SSL=CLIENT|SERVER (exec parm)
- WELCOME=name
- DTFDI
- SET MSXLOG=ON (Echo output to disk)
- PUT %SAMTST,SAM,EPIC FTP.TXT

Other Tidbits of information

- **SET FTPBATCH_FETCH=**
- **SET MAX_LPR_EVENTS=**
- **SET MAX_EMAIL_EVENTS=**
- **SET MAX_FTP_EVENTS=**

Utilities

- CSIDCAMS – Runs under RSHD/REXECD
- PDF
- TELNET

OUTPUT=BOTH|NONE|SYSLSST|SYSLOG

File I/O Drivers

- **CA-Vollie support**

```
DEFINE FILE TYPE=VOLLIE,LOCAL=name,DLBL=ddname
```

```
// OPTION CATAL  
    PHASE IPNFVOLL,*  
    INCLUDE IPNFVOLL  
/*  
// EXEC LNKEDT
```

- **Read/Only (Unlike BIM-EDIT)**

Summary

- Any Questions?

Leo Langevin

Leo@E-VSE.COM