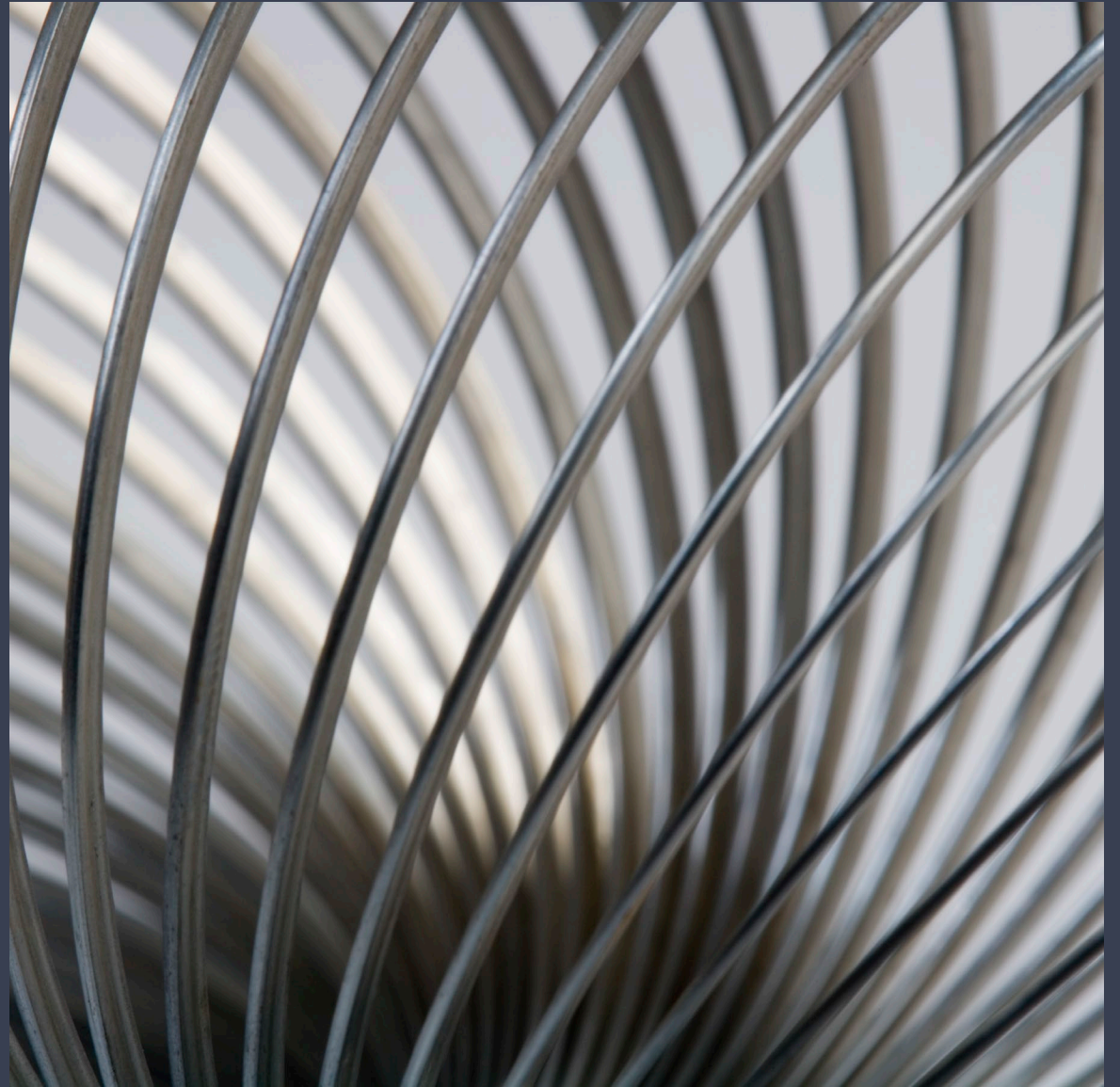


NUGM 2024

MANAGE 2000  
SYSTEM ADMIN  
MAINTENANCE

Bud Brown, Epicor Software



# AGENDA

- RESIZE.FILES
- DB.AUDIT.ALL
- UPDATE.SYSTEM
- BACKUP
- REBOOTING
- Handouts for all areas so notes are not needed



# RESIZE.FILES

---

- Run it monthly
- Set LOGON.CONTROL
- Reboot Windows Servers
- Log everyone off and stop Redback
- Pick the Main account(s) and the TERMINALS account.
- See Handout 1



# RESIZE.FILES

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File Edit Commands Scripts Tools ProcessOpts Help Debug

Attachments Add Attachment Add Note Notes Note Summary

RESIZE.FILES - Reallocation of files

01	Start time	<input type="text" value="14:05"/>
02	Start date	<input type="text" value="04-16-24"/>
03	Stop time	<input type="text" value="14:05"/>
04	Stop date	<input type="text" value="04-17-24"/>

05 Account

.01)	<input type="text" value="ALL"/>
.02)	<input type="text"/>
.03)	<input type="text"/>
.04)	<input type="text"/>
.05)	<input type="text"/>

Entries 1

Change Which Field, END, TOP, \P .....

User lbrown:BUD.TRAIN, PID 0040 on AUS-DEV-MNLAB2022:992 (SSL) 0 Ins



# DB.AUDIT.ALL

---

- Run it monthly
- It can be run with users on but might be very slow
- Don't bother running audits for modules that are not used
- Remembers last settings used
- See Handout 2



# DB.AUDIT.ALL

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File Edit Commands Scripts Tools ProcessQpts Help Debug

Attachments Add Attachment Add Note Notes Note Summary

Run All Data Base Audit Programs

01 Stopping Date  02 Stopping Time

03 DB Audit Program	Last Run End Date	Elapsed Time	Last Run Status	Last Update Flag	Current Update 08 Flag
.01) DB.AUDIT.AP	04-16-24	0.000	C	UPDATE	UPDATE
.02) DB.AUDIT.AR	04-16-24	0.000	C	UPDATE	UPDATE
.03) DB.AUDIT.CRP.RT	04-16-24	0.000	C	UPDATE	UPDATE
.04) DB.AUDIT.IM	04-16-24	0.000	C	UPDATE	UPDATE
.05) DB.AUDIT.IT	04-16-24	0.000	C	UPDATE	UPDATE
.06) DB.AUDIT.LOT	04-16-24	0.000	C	UPDATE	UPDATE
.07) DB.AUDIT.MTO	04-16-24	0.000	C	UPDATE	UPDATE
.08) DB.AUDIT.PLO	04-16-24	0.000	S	SKIP	SKIP
.09) DB.AUDIT.PUR	04-16-24	0.000	C	UPDATE	UPDATE
.10) DB.AUDIT.RMA	04-16-24	0.000	C	UPDATE	UPDATE
.11) DB.AUDIT.RTV	04-16-24	0.000	C	UPDATE	UPDATE
.12) DB.AUDIT.SCA	04-16-24	0.000	C	UPDATE	UPDATE

Entries 16

Execute the selected database audit programs, END, TOP, \P |.....

✓ ✕ \* User lbrown:BUD.TRAIN, PID 0040 on AUS-DEV-MNLAB2022:992 (SSL) 0 Ins





# DB.AUDIT.ALL

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File Edit Commands Scripts Tools ProcessQpts Help Debug

Attachments Add Attachment Add Note Notes Note Summary

Run All Data Base Audit Programs

01 Stopping Date  02 Stopping Time

03 DB Audit Program	Last Run End Date	Elapsed Time	Last Run Status	Last Update Flag	Current Update 08 Flag
.13) DB.AUDIT.SOP	04-16-24	0.000	C	UPDATE	UPDATE
.14) DB.AUDIT.TSCH	04-16-24	0.000	C	UPDATE	UPDATE
.15) DB.AUDIT.WP	04-16-24	0.000	C	UPDATE	UPDATE
.16) DB.AUDIT.WPO	04-16-24	0.000	C	UPDATE	UPDATE
.17)					
.18)					
.19)					
.20)					
.21)					
.22)					
.23)					
.24)					

Entries 16

Execute the selected database audit programs, END, TOP, \P .....

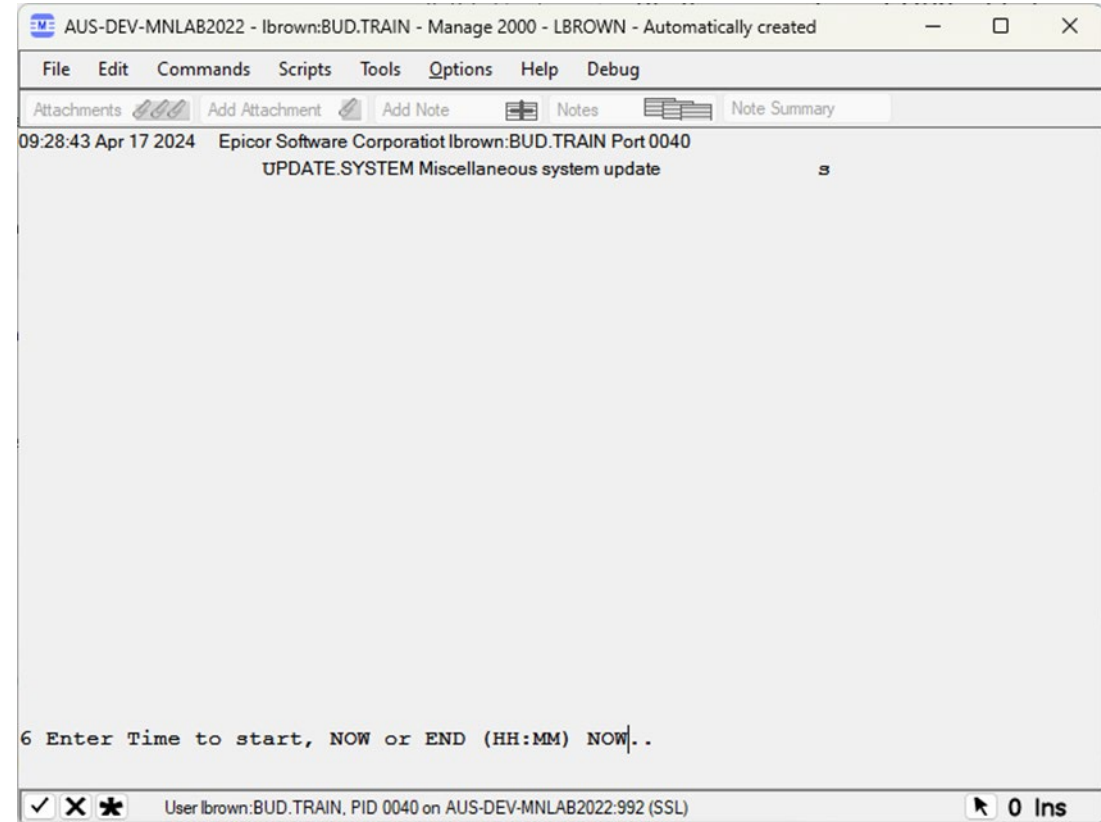
✓ ✕ \* User lbrown:BUD.TRAIN, PID 0040 on AUS-DEV-MNLAB2022:992 (SSL) 0 Ins



# UPDATE.SYSTEM

---

- Usage:
  - UPDATE.SYSTEM can be run with users on the system
  - UPDATE.SYSTEM only has one prompt, just answer NOW to run it now, or END to cancel
- How often should UPDATE.SYSTEM be run:
  - Weekly



The screenshot shows a terminal window titled "AUS-DEV-MNLAB2022 - lbrown:BUD.TRAIN - Manage 2000 - LBROWN - Automatically created". The window has a menu bar with "File", "Edit", "Commands", "Scripts", "Tools", "Options", "Help", and "Debug". Below the menu bar is a toolbar with "Attachments", "Add Attachment", "Add Note", "Notes", and "Note Summary". The main area of the terminal displays the following text:

```
09:28:43 Apr 17 2024 Epicor Software Corporatiot lbrown:BUD.TRAIN Port 0040
UPDATE.SYSTEM Miscellaneous system update
```

At the bottom of the terminal, there is a prompt: "6 Enter Time to start, NOW or END (HH:MM) NOW|..". The status bar at the bottom of the window shows "User lbrown:BUD.TRAIN. PID 0040 on AUS-DEV-MNLAB2022:992 (SSL)" and "0 Ins".





# UPDATE.SYSTEM

---

- What UPDATE.SYSTEM does:
  - UPDATE.SYSTEM runs the purges that are set to automatic in PURGE.CONTROLS , if Purging is turned on in SC.CONSTANTS screen 1 with field 25 set to an **A** or **B**. If set to **N**, UPDATE.SYSTEM will never run the automatic purging (see red circle in screenshot below).
  - UPDATE.SYSTEM can be set to skip accounts for cleanup in SC.CONSTANTS, screen 1 field 29 (see purple circle in the screenshot below).
  - UPDATE.SYSTEM can show file statistics for each account. UPDATE.SYSTEM can also be set to skip accounts for File Statics in SC.CONSTANTS screen 1 field 30 (see black circle in screenshot below).
  - UPDATE.SYSTEM processes the Performance Monitoring logs, but most people turn that off in SC.CONSTANTS screen 1 field 21, since Performance Monitoring puts a drag on the system when Performance Monitoring is turned on (see blue circle in screenshot below).
  - UPDATE.SYSTEM purges old archived faxes in Vsi-fax and the temp files older than 7 days in the *\_PH\_* directory (in all accounts).
  - UPDATE.SYSTEM checks for 32-bit files that are close to the 2 GB limit
  - UPDATE.SYSTEM deletes VOC pointers like CD (Compile Dictionary), MODIFY, SP.CLOSE, BUILD.INDEX, SETPTR, DATE.FORMAT
  - UPDATE.SYSTEM runs a SYSTEM.STATUS report



# UPDATE.SYSTEM

AUS-DEV-MNLAB2022 - lbrown:BUD.TRAIN - Manage 2000 - LBROWN - Automatically created

File Edit Commands Scripts Tools ProcessQpts Help Debug

Attachments Add Attachment Add Note Notes Note Summary

SC.CONSTANTS.1 Maintenance "CHG" Mode

01	Sys Admin Password	*****				
02	RESIZE.FILES Errors	N		20	Logoff on Max Users	Y
03	Print Disk Space Stats	Y		21	Perform Monitor Log	Y
04	Rec Max Users Reached	N		22	Make SYS.USER record	Y
05	*Bypass saving to tape	Y		23	*Suprs BUILD.SYS.DATA	N
06	Tape Unit for Save			---Reallocation Parameters---		
07	Bypass Basis Check			24	Maximum Decrease %	0
08	File Save Directory	/		---Purge Parameters---		
09	Resize Directory			25	Stop Time for purges	6:30
10	SB1U Backup Support	Y		26	Before/After backup	A
11	*Save NFS File Systems			27	Stop day for Purges	1
12	Inhibit FS Logins			28	VEFIL DOIZE	2000
13	After Backup, Stop/Off	S		29	Skip directory on clean up	
14	Thought for Today	Y		.01)	BUD.TRAIN	
15	Include company name	Y		.02)		
16	*Rem User Lic Reserved			.03)		
17	Print Job Size Display	P		30	Account to skip for STAT-FILE	
18	Default Print Dest	U		.01)	BTK.TRAIN	
19	*Update /etc/hosts file	N		.02)	CLW.TRAIN	
				.03)		

Change Which Field, END, TOP, \P .....

✓ ✕ \* User lbrown:BUD.TRAIN, PID 0040 on AUS-DEV-MNLAB2022:992 (SSL) 0 Ins



# UPDATE.SYSTEM

mnlab81 - lbrown:BUD.TRAIN (8.1C, Sp3) - Manage 2000 - Bud Brown

File Edit Commands Scripts Attachments Tools Help Debug

User Purge Control file Maintenance "ADD" Mode

Purge Type

02 Should this file be purged automatically?

03 Time Increment used for Purge - W/M/F/Q/Y

04 Number of Time Increments exempt from purge

05 Back up file to tape prior to the purge?

06 Should Unprocessed Transactions be purged?

07 How many days should pass between purges

08 Estimated Time needed to Purge

Change Which Field, END, TOP, \P █.....

✓ ✕ \* User lbrown:BUD.TRAIN (8.1C, Sp3), PID 0030 on mnlab81 0 Ovr



# BACKUPS

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- Responsible for own backups on Windows Servers
  - Make sure the backup software can backup open files
  - Veritas Backup Exec, ArcServe/StorageCraft, Veeam Backup and Recovery, and/or use Cloud Based backups like Carbonite, Wasabisys.com or Backblaze.com
- Unix server backups
  - **SB1** does everything **UPDATE.SYSTEM** does but also does a backup
  - **SB1** does not create an index on where files are on the tape so restores are slow
  - Other options
    - Tim Jackson has a script
    - HP/UX also has fbackup
- What to backup
  - Minimum - MAIN account(s) and TERMINALS account and /usr/ud82/sys/ctlg/obj.8.1
  - Maximum – The whole server



# REBOOTING

---

- Please reboot every 2 weeks on Windows
- Please reboot monthly on UNIX servers
- Log everything off and stop all the phantoms before rebooting
  - Don't worry about logging off RedBack/WebDE, that will shut itself down
  - Handout 3 shows how to Start/Stop all of the phantoms:
    - BTI.INTERFACE
    - ECA.AGENT
    - BATCH.MASTER
    - SCM.BG.PROCESSOR
    - MRP.BG.PROCESSOR
    - SDI.BG.PROCESSOR
    - AGL.INTERFACE
    - MASTER AGENT (only applicable on M2K 7.2 and above)
    - TRACK.USER.COUNTS
    - UPDATE.PDF.HISTORY
    - REFRESH.SPOOL.DATA
    - MONITOR.PHANTOMS



# QUESTIONS??

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NUGM 2024

THANK YOU

