



EPA Office of Compliance Enforcement Targeting and Data Division

AFS National Workshop

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Media Systems and Support Section, Data Systems and Information Management Branch, Enforcement Targeting and Data Division, Office of Compliance, Office of Enforcement and Compliance Assurance, U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW, Washington, D.C. 20460

Host on Demand

Schedule:

Session 1: Monday, 7/24/2006; 1:00 – 2:30

Location: Arlington II

Session 2: Monday, 7/24/2005; 2:45 – 4:15

Location: Arlington II

Course Description:

This course provides instruction using Host On Demand (HOD) Version 8.0.2, printing and viewing reports (Job Viewing and Printing on the web), file transfers, and more. The format of the course is discussion and demonstration and will focus on specific skills of Host on Demand, and web viewing of “batch” reports.

Course Goals:

At the conclusion of this course, participants will:

- Be introduced to HOD and its features and be able to use them
- Know where and how to view and print reports on the web using Job Viewing and Printing

Course Agenda:

- Where and how to load HOD 8.0.2
- HOD features:
 - Same (session), Jump, Cut & Paste, Print Screen, Send and Receive files
- Mainframe Job Viewing and Printing
- Frequently asked questions

Instructor:

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AFS 2006 National Workshop
Host On Demand (HOD)
Class Outline

I. NCC (National Computer Center)

- A. DynaComm – used in EPA Regional and HQ offices
- B. SNA Gateways – used by a few States
- C. Host On Demand – used by everyone else & used on home PCs

II. Host on Demand (HOD)

- A. IBM product called IBM Websphere Host on Demand (“Host” is the mainframe)
- B. Installed on a Web server at NCC (**N**ational **C**omputer **C**enter)
- C. Requires a current NCC User ID and password
- D. Run as a “cached” client stored locally on your PC
- E. Installing HOD
 1. Website is: <https://trex.rtpnc.epa.gov/> (rtpnc = **R**esearch **T**riangle **P**ark **N**orth **C**arolina) – add this site to your “favorites” on your web browser!!!
 2. Web Access
 3. 3270 Emulator/HOD V8.0.2
 4. Host on Demand 8.0.2 to connect to Secure SSL sessions
 5. Security authorization screens & then file transfer bars appear
 6. When installation completes, close browser
 7. Open browser, complete #1 – 4 again
 8. Pre-configured sessions
 - a. 3270 Mod 2 is 24 X 80 (default – used by AFS Helpline)
 - b. 3270 Mod 3 is 32 X 80
 - c. 3270 Mod 4 is 43 X 80
 - d. 3270 Mod 5 is 2 X 132 characters
 - e. CICS 3270 3270 Mod 2 is 24 X 80
 9. Set a bookmark (“favorite”)
 - a. Starts a session that has already been configured
 - b. **R**ight click once on a configured session
 - c. Select “set up bookmark”
 - d. Select “run in a separate window”
 - e. Use your web browser to bookmark this page now
 - f. Location & name of the bookmark is your choice

F. Toolbar

1. Jump – Jumps (changes the focus) to the next active session (“jump” from AFS to TSO & vice versa). You can also use the Windows “taskbar” to “jump” from AFS to TSO & vice versa.
2. Run the Same/Create a copy of the session – Starts another identical session
3. File transfers
 - a. Log onto TSO and be at the “Ready” prompt
 - b. Designate the PC or Host file names
 - c. Set the transfer mode to text (or binary). 99.9% of the time you will choose “text”.
 - d. Transfer options
 - e. Add to list
 - f. Click Send or Receive
 - (1) Send – Sends file from your local computer to NCC
 - a. Files for updating AFS via batch processing
 - b. Universal Interface files for updating AFS via batch processing
 - c. Use the full host name enclosed in single quotes
 - d. Text options: ASCII CRLF RECFM(V) LRECL(133)
 - e. TSO/ISPF 3.4 to verify file (optional, but recommended)
 - (2) Receive – Receives mainframe/TSO files from NCC/Host
 - a. AFS raw data for import into spreadsheet, data base or word processor
 - b. Text options: ASCII CRLF
 - c. PC file name extension: .txt
 - g. Save “list” (optional)
 - h. Naming the host mainframe files: example:
JH1A026.CONNECTI.CUT.FCE05
 - (1) File name begins with user id and account code
 - (2) File names consists of qualifiers, each a maximum of 8 characters long, separated by a “.”
 - (3) Qualifiers can’t begin with a number or special character
 - (4) Use file names that don’t already exist when sending data to the host – to avoid overlaying the file’s existing data.
4. Copy & Paste
 - a. Similar to actions used in common word processors
 - b. Helpful when creating reports or training material
5. Print screen
 - a. Prints screen contents to printers installed on your PC

- b. Entire screen or marked/selected area only
- 6. Keyboard Remapping
 - a. Associates sequence of keystrokes with a particular action
- 7. Color
 - a. Allows color customization in various parts of the host session window
 - b. Sets foreground & background colors specified by selected scheme

III. Mainframe Job Viewing and Printing

- A. Allows web viewing and printing of mainframe batch jobs
- B. No mainframe expertise required
- C. Web site is: <https://trex.rtpnc.epa.gov/>
- D. Web Access (or Tool Box)
- E. Job Viewing and Printing
- F. Log in with your NCC id and password
- G. Provide your NCC User id and # of jobs for display
- H. Three different types of displays
 - 1. Display entire job as text
 - 2. Convert entire job into Adobe PDF format
 - a. Select paper size
 - b. Output is converted and displayed in PDF format
 - c. Option to save a copy
 - 3. Break job into reports
 - a. Click on the “B” to break job into separate “sysout” (**system output**) reports
 - b. Select desired output
 - c. Select paper size
 - d. Convert output into PDF format
- I. Output is held for approximately 120 hours ($120/24 = 5$ days)

IV. Frequently Asked Questions

- A. I ran some batch jobs before I went on vacation, but they are not on Job Viewing and Printing – where is the output? **Answer:** job output is held for about 120 hours.
- B. My job ran, but the job has no reports? **Answer:** check the job messages for errors. Please do not re-run the job, especially a batch update job which may create duplicate data in the AFS database. Contact the Helpline for assistance.

C. Which job step is my report in? **Answer:** here are some commonly used batch jobs and their “sysout” reports:

620 report – Pathway Summary – 2nd “NATTWO”

627 report – Compliance Inventory – last “NATTHREE”

653 report – HPV summary – 2nd and 3rd “NATTWO”

Ad hoc report – “POSTWO”

Batch Update – 2nd and 3rd “REPORT04”

D. I submitted a job this morning, but the job has not yet run? **Answer:** The job did not yet execute or it’s still in the process of executing. Also, if you submit more than 1 job with the same “job name”, only one job (same job name) can be executing at one time. Three daytime jobs (different job names) submitted with the same user id can run at the same time; five night time jobs (different job names) submitted with the same user id can run at the same time. One more thing – make sure you submitted the job with a priority code of “2” to run the job during the day.

Detailed instructions for the topics presented here have been posted to EPA’s secondary website hosted by TRC. To access this website, point your browser to:

<https://pops.trcsolutions.com/pops>

The information can be found in a folder named “Training”. Refer to the following files:

- o Mainframe viewing and printing.pdf
- o Download & import into Excel.pdf
- o JCL.pdf

This website, operated by TRC Environmental Corporation under contract to USEPA, provides access to AFS documentation. This secondary source for AFS information does not replace EPA’s AFS web homepage:

<http://www.epa.gov/compliance/data/systems/air/afssystem.html>

As the primary source for AFS system and policy documentation.

Additional questions concerning AFS may be addressed to the AFS Helpline (800-367-1044), operated by TRC Environmental Corporation.