

Documentation

Online Messages

Sign-on Messages: Information of interest for that system. Automatically displayed when you sign on.

Broadcast Messages: Emergency information transmitted by an operator. Received automatically, unless it is suppressed.

DOCWEB

DOCWEB is CNS's online documentation system from which you can view, print, search, or copy a wide variety of documentation, including:

CNS News: Covers time-dependent information such as holiday schedules, announcements, and hardware updates. Subscribers receive News articles via e-mail. Subscribe via the DOCWEB NEWS menu.

CNS Documents: CNS-produced documentation and manuals which cover a variety of subjects, from how to use e-mail to supercomputing. Each document has an abstract which provides a summary and serves as a helpful reference.

Q&A: The CNS Support Desk answers many questions from our users. The most frequently asked and generally applicable questions and answers are in the DOCWEB "Q&A" section.

Vendor Documents: Documents which cover services that are available at CNS, but are written by sources other than CNS. These documents also have abstracts.

Access to DOCWEB is via the World Wide Web at

<http://docweb.cns.ufl.edu>

In addition to DOCWEB, you may also access the current CNS *Guidebook*, and our monthly news magazine, */Update*, from the CNS WWW home page at

<http://www.cns.ufl.edu>

Online Training Options

UF students, faculty, and staff will find a wealth of information and training available from NETg. These materials cover the gamut from introductory courses to advanced topics. Check out courses in C++ Programming, Web Basics, Javascript, HTML, and many more.

For more information or to sign up for courses, go to

<http://netg.ufl.edu>

Sign On/Sign Off Procedures

Signing ON to NERMVS from any Internet-connected workstation (including dial-up):

- TN3270 to nermvs.cns.ufl.edu
- Select SIGNON from the menu presented, or select one of the other services listed. LUIS is a **FREE** service.
- If you selected SIGNON, enter your CNS userid and password in the fields provided. (NOTE: your password will have to be changed the FIRST time you sign on.) This will take you to the CNS Interactive Services Menu, giving access to all CNS services *except* NERSP.

Signing OFF:

From any session, type `/w` and press `<F12>` to return to the CNS Interactive Services Menu. Type `/i all <Enter>` to *inactivate all* sessions. Then type `/k <Enter>` to terminate the menu.

Signing ON to NERSP from any Internet-connected workstation (including dial-up):

Telnet (or SSH) to nersp.cns.ufl.edu and type your userid and password at the prompts.

Signing OFF:

The command to log off from NERSP is `exit`.

Pine/PICO Editing Commands

`<Ctrl> A` Beginning of line
`<Ctrl> E` End of line
`<Ctrl> W <Ctrl> Y` Top of page
`<Ctrl> W <Ctrl> V` Bottom of page
`<Ctrl> W` Find
`<Ctrl> ^ (<SHIFT> 6)` Mark
`<Ctrl> K` Cut
`<Ctrl> U` Paste ("Uncut")

Phone Numbers (Modem)

CNS Dial-up Server

(8 data bits, No parity, 1 stop bit; hardware flow control)
 56000 bps, v.90 (352) 955-0056
 Toll-Free*/Surcharge (800) 217-4096*
 ISDN and MPPP (352) 334-0077

***Cannot be billed to Basic Access accounts; but can be billed to GatorLink accounts**

CNS Access via FIRN

CNS may be accessed by educators via FIRN (the Florida Information Resource Network) from anywhere in Florida. For information, consult the FIRN Help Desk at 1-800-749-FIRN.

Questions or Problems?

UF Computing Help Desk (352) 392-HELP
or send e-mail to helpdesk@ufl.edu.

CNS Support Desk (352) 392-2061
or send e-mail to consult@lists.ufl.edu.

For specific details of CNS's UNIX environment, use the `man bash` command. See also our Web-based documentation library at

<http://docweb.cns.ufl.edu>

CNS is always interested in your comments. Please address mail to editor@cns.ufl.edu.

Service Changes: net-services@lists.ufl.edu.

Internet Addresses

Your e-mail address:

userid@cns.ufl.edu

Other Useful Addresses:

IMAP-Mail Server imap.cns.ufl.edu
 POP3-Mail Server pop.cns.ufl.edu
 CNS SMTP Server smtp.cns.ufl.edu
 Usenet News Server usenet.ufl.edu
 Telnet/CNS Menu luis.cns.ufl.edu
 Tn3270/CNS Menu nermvs.cns.ufl.edu
 Name Server (DNS) **128.227.128.24**

CNS WWW home page:

<http://www.cns.ufl.edu>

CNS

Quick Reference Card

Hours of Operation

CNS—UF Computing & Network Services

CNS computing systems and network services are available 7 days a week, 24 hours a day, except during periods of required maintenance. Regular systems maintenance is scheduled for Sundays, 6–10 A.M. (may be extended if necessary). **Network maintenance is scheduled Tuesdays 5–6 A.M.** (plus Sundays 6–9 A.M. if needed). Network outages *may* occur during these times.

Production CICS

Monday-Saturday 7 A.M.–3 A.M.
 Sunday 10 A.M.–3 A.M.

All Other Services

All other batch and interactive services are available 24 hours, 7 days per week, except for scheduled downtime or periods of systems maintenance (see above).

Phone Numbers (Voice)

System Status Hotline

○ CNS Systems Hotline (352) 392-6775

Offices/Help Desks

*☎ UF Computing Help Desk (352) 392-HELP
 * CNS Admin. & Support Desk (352) 392-2061
 ○ CNS Operations (352) 392-2291
 CNS Tape Library (8 AM–4 PM) (352) 392-2291
 * UNF Computing Svcs. (office) (904) 620-2820
 * UNF Computing Help Desk (904) 620-3898
 SUNCOM 861-3898
 * IFAS Help Desk (352) 392-INFO
 * CIRCA Office (352) 392-2007

Key to hours

* = 8 A.M.–5 P.M. Monday–Friday
 ☎ = 6 P.M.–10 P.M. Sunday–Thursday (phone only)
 ○ = 24 hours 7 days per week
 * = 8 A.M.–8 P.M. 7 days per week

z/OS ABEND Codes

Some of the most common abnormal end (ABEND) conditions are described below. For online help in TSO, enter **abend xxxx** where **xxxx** is the abend code you received. If the suggested course of action doesn't work, call a consultant for further assistance.

Code	Condition
S001	Error occurred while attempting input or output.
S0C1	Operation exception. Clobbered code. Probable subscript error.
S0C4	Program is attempting to store data outside dimension bound. Check your subscripts.
S0C7	Bad data. Check data for errors.
S222	The job was cancelled by the user, system, or operator. The system log should state the problem. If not, call CNS Operations or see a consultant.
S322	CPU time exceeded. Probable logic error or bad data. Check program for infinite loops. Reduce do-loop iterations or amount of data to determine problem. If re-run still exceeds limit, see a consultant.
S722	Estimated number of output lines exceeded. See ABEND S322 above.
S804	Region size too small. Increase <code>REGION=nnnK</code> on JOB statement.
S80A	Same as above.
S806	Attempt to load a non-existent program. Load module or program doesn't exist; check STEPLIB and EXEC statements and PGM parameter on EXEC statement.
Sn13	Attempt to open a data set failed. The <i>n</i> may be a variety of numbers. Check DD statements and/or IBM System Messages manuals.
SB37	Space allocated too small for data set or data set ran out of extents. Re-allocate data set with more space. Insufficient space on specific disk. Squeeze data set or move it to another volume.
SD37	Same as above.
SE37	Same as above.

Changing Your NERMVS and NERSP Passwords

Two Systems, Two Passwords

CNS operates two separate systems, NERMVS and NERSP, each with its own password. Changing your password on one does NOT affect the other. NERSP, which hosts most campus e-mail, has passwords that do not expire. NERMVS passwords expire every six months, and MUST be changed at least that often. Passwords must be 5–8 alphanumeric characters long, and may include the special characters #, \$, and @.

Changing your NERMVS password via dial-up:

At your Dial-Up Connection window's `Password:` prompt, enter `oldpassword/newpassword/newpassword` and click `Connect`. If your old password is "photon" and you want to change it to "quantum," enter `photon/quantum/quantum`.

Changing your NERMVS Password using a non-dialup (on-campus) connection:

Connect to the CNS main menu.

- Type **Signon**.
- Type your NERMVS username at the `Username:` prompt.
- Type your current NERMVS password at the `Password:` prompt.
- Enter your new password at the `New Password:` prompt and press **<Enter>**. When prompted, enter your new password again for verification.

Changing your NERSP password

You may wish to change your NERSP password as a security measure. Passwords must be 5–8 alphanumeric characters long, and may include the special characters #, \$, and @. NERSP passwords are also case-sensitive. The following procedure works whether you're using a dial-up connection or a hardwired connection.

- Log on normally with your userid and current password. The standard NERSP prompt appears: `userid@nersp $`
- Type **passwd** and press **<Enter>**. NERSP will respond: `Changing password for userid` followed by the prompt `userid's Password:`
- Type in your current password, then press **<Enter>**. NERSP will prompt you with: `userid's New Password:`
- Type in your new password, then press **<Enter>**. NERSP will prompt you with: `Re-enter userid's New Password:`
- Type in your new password again, then press **<Enter>**. NERSP confirms your new password with `Password update is now complete` and returns you to the standard `userid@nersp $` prompt.

For more information, see the CNS Password Information Center at

<http://www.cns.ufl.edu/passwords>

z/OS Batch: JCL Sample

```
//jobname JOB ,name,CLASS=class,TIME=(mm,ss),  
//          LINES=lines,USER=userid,PASSWORD=pswd  
/*JOBPARM COPIES=copies,FORMS=forms
```

Printouts & Special Forms Codes

Output is filed in the SSRB lobby by the last three digits of the job number assigned when the job is submitted. Go to www.cns.ufl.edu/utlils and click on NERINFO for free access to the **DJ** command to check job status.

Can't find your output?

1. Check adjacent bins.
2. See if output is filed by the first three digits of your job number instead of the last three.
3. Check your `/*ROUTE` statement.
4. Check with the operator at the remote to which you sent the job.
5. Call CNS Operations at (352) 392-2291.

Common Special Forms Codes (txxx):

t	=	0	uppercase print, 8 lines per inch*
		1	mixed-case print, 8 lines per inch
		2	uppercase print, 6 lines per inch
		3	mixed-case print, 6 lines per inch
xxx	=	001	14"x11" standard computer paper*
		041	9.5"x11" plain white paper (perforated)
*	=	Default	

z/OS Batch: JCL Parameters

Below is a list of common parameters on the **JOB** and **JOBPARM** statements:

jobname	jobname (required; maximum of 8 alphanumeric characters; no special characters; must start with a letter or national character)
name	name to identify you or the job (maximum of 20 characters; if you include a space in this field, you must enclose the field in single quotes.)
class	job priority (default = A [normal priority])
userid	your userid (default=userid & password from which job was submitted)
pswd	your password (default=userid & password from which job was submitted)
time	CPU seconds (default = 6000)
lines	in thousands (default = 99)
copies	# of copies (default = 1)
forms	special forms (default = std)