CNS /Update Newsletter Feature

New NERDC LPR Gateway Service for Printing from MVS to the Internet

CNS Document ID: u990204a
Last Updated: 4/19/99

UF Information Technology

UFIT
2046 NE Waldo Rd, Suite 2100
Gainesville Florida 32609-8942
(352) 392.2061
<editor@cns.ufl.edu>
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New NERDC LPR Gateway Service for Printing from MVS to the Internet

This information is directed to people who currently have Internet-connected laser printers and to the administrators of those printers.

NERDC’s LPR gateway service that allows you to route printing to Internet printers has been converted to an MVS software product called VPS/TCPIP. Previously, this service was provided via VM's RSCS software. New printer definition requests will be defined under VPS/TCPIP.

Printer definitions established since May 13, 1998, have been entered into the new service, however, definitions created before May 13, 1998, will continue to operate via VM RSCS until they can be converted to the new software. We expect the conversion to be completed within a couple of months.

Benefits

Features of the new software provide several benefits for users. First, a single printer definition can be used for multiple formats. Under VPS/TCPIP, prefix strings are predefined at the host and are referred to by alias names. You can specify the format you wish to use by using the WRITER keyword on a SYSOUT allocation, a TSO ALLOCATE statement, the JCL OUTPUT statement, or the TSO PRINTDS command.

This software will automatically restart a printer queue when there are severe errors. This means that it will no longer be necessary to manually start and stop the printer queues.

It is also no longer necessary to specify a suffix string for your printer definition. VPS/TCPIP sends a reset command at the end of each job instead of relying on a unique suffix string for each printer to return your printer definition to the default values.

This software will also facilitate problem resolution when output does not print as expected. When output does not appear in the JES spool, you can expect that it will have been delivered to the line printer daemon.

Where Do I Make a New Printer Definition Request?

The NERDC LPR-delivery Printer Definition Request Form at URL http://nersp.cns.ufl.edu/cgi-bin/tevp-request has been changed to remove the prefix and suffix input fields and replace them with a list of available predefined prefix aliases. Requests for a unique alias not listed on the form should be made by sending e-mail to net-services@lists.ufl.edu.

UNIX Setup

VPS/TCPIP runs on NERMVS.CNS.UFL.EDU. The software that manages the existing definitions runs on NERVM.CNS.UFL.EDU. Managers of servers that maintain a list of permitted hosts will have to make appropriate changes. For UNIX systems, look in
/etc/hosts.lpd for hostname.

Questions

For more information, see DOCSYS item D0105, *lpr: Routing Print to the Internet* [http://docweb.cns.ufl.edu/docs/d0105/d0105.html]. If you have questions regarding the VPS/TCPIP software or this conversion, please call the NERDC Support Desk at (352) 392-2061, e-mail consult@lists.ufl.edu.

Your Comments are Welcome

We welcome your comments and suggestions on this and all UFIT documentation. Please send your comments to:

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