Esend
Version 3

FORTRA

READ THIS FIRST

This new version of Esend contains significant enhancements that are installed automatically and will replace your existing version of the software. This document outlines important areas you should review before updating your current product version.

Partition Licensing

Beginning with version 3.7.233 (dated 9/10/2007), Esend licensing is partition specific. If your current installed version is prior to 3.7.233, you MUST obtain a new license code before you can use this version on any partition(s).

Before you proceed, issue the command ESEND/ESVER to determine your current product version, and call (952) 933-0609 if you need to obtain a new license code.

Verify the Following Before You Install:

- **This software requires i5/OS 7.3 or higher**. If you have not upgraded your machine to V7R3 or higher, do not install from this media.
- Esend works closely with Fortra's Sequel 11 and Abstract. This version of Esend is not fully compatible with older versions of Sequel 11 and Abstract. If you use these products to run Esend requests, it is strongly recommend that you upgrade Sequel and Abstract at the same time you upgrade Esend.
- If your forwarding rules monitor output queues on the iASP, you will have to change the job description after installation. Issue the following command:

  ```
  CHGJOBD JOBD(ESEND/EFWD) INLASPGRP(<ASP NAME>)
  ```

  Then stop and restart the forwarding subsystems (option 20 from the Go Esend menu).

Changes That May Affect Your Operations

Allow Limited User *NO for All Commands—(October 2016 version R03M51)

Prior to this version, all commands were enabled for all users. Now all commands are shipped as Allow Limited User (ALWLMTUSR) of NO. This change provides administrators greater control over who has access to these commands from a command line.

Overridden Spooled File Ownership—(February 2014 version R03M45)

Changes have been made to improve the Esend process to support users who override print file output so that ownership is set to the current job rather than QPRTJOB.

Prior to these changes, Esend failed to send the correct spooled file from the server job with an override to SPLFOWN(*JOB). Also, Esend requests for a spooled file from a server job with an explicit job number/user/name failed due to an arbitrarily change of the job name to QPRTJOB in the case where the current user does not match the job user.

To correct this, a new API— QSPRILSP—is used to retrieve the attributes of the spool file for any spooled file selection that asks for the *LAST spooled file for the current job (where current job is either * or the explicit number/user/name equivalent of *). If the spool name returned by the API matches the spool name selection criteria (exact or generic), the job information returned by the API is used in subsequent API calls to retrieve the spool file, and Esend will process the correct spool file even if the user owns more than 32,000 spool files.

With this change, a very small number of users may be affected provided both of the following are true:

- You use Esend commands in any job where spooled output is owned by the QPRTJOB.
- An Esend request is intended to send something other than the most recently generated spool file and the job is specified as job(*).

Prior to the change, requests meeting the above criteria would have correctly found the requested file in the QPRTJOB if the file existed. With this change, Esend will no longer automatically swap the job name to QPRTJOB. This means the Esend request might need to be changed to reference the QPRTJOB, or the spool file might need to be overridden so it remains owned by the same job the report is run in.

> **NOTE:**
> This change does NOT apply to Sequel requests that specify a recipient.

Invalid Email Address Processing and Error Message Handling—(February 2014 version R03M45)

Prior to version R03M43, Esend would signal EML0004 as an escape message whenever an invalid email address was detected. In the case where the invalid address was part of a list, EML0004 was signaled, no email was sent, and the invalid address was identified in a diagnostic EML0069 message.

In version R03M43 (only) the behavior was changed to send EML0069 as diagnostic for each invalid recipient detected, and if there was not at least one recipient that looked valid, the process signaled EML0010 as an escape message indicating that at least one recipient was required.

Now with version R03M45, Esend includes a change that allows you to decide whether or not to send a message when invalid recipients are detected. Processing is controlled by the existence of a data area named ESNDNOML in any library in the jobs library list.

Esend will check for the existence of the ESNDNOML data area. If it exists, no mail will be sent if there is one or more invalid recipients.

If the data area does not exist:

- Messages will be sent to all of the valid recipients and each invalid recipient will have EML0069 signaled as a diagnostic message.
- EML0004 will be signaled as an escape message (because the recipient list was not entirely valid) if any invalid recipients are detected.
- If none of the recipients are valid, EML0010 will be signaled indicating that a valid recipient is needed to send a message and EML0004 is sent as an escape message.

*LAST and Max Spool Number Change—(March 2011 version R03M27)

Previously, using the ATTLIST parameters 'Spooled File Number' and 'Maximum Returned Spools' (of the ESNDMAIL command) with the values *LAST and *ALL respectively, only sent one spooled file—the last spooled file. In version R03M27 the behavior has been changed so that all the spooled files indicated will be sent.

To send the last (single) spooled file, use the following values:

- Spooled File Number - *LAST
- Maximum Returned Spools - *ONLY

Spooled File Forwarding - New Status Value

In version R03M31 a new Status parameter has been added to Esend Forward Rules Maintenance

(EFWDRULES). The status of the forwarded spool file can be manually set to the new value of *SAVE.

Spooled File Forwarding - Automatic Status Change

The spooled file forwarding process was enhanced in R03M30 so the spooled file, once forwarded, changes to a SAV (saved) status.

PDF Output

When creating PDF output the starting point of the form was not calculated correctly. This has been

addressed in version R03M27, and could affect the appearance of printed output if using overlays or printing the PDF on a pre-printed form.

V5R3 Support Dropped

Beginning with version R03M16, Esend requires OS versions V5R4M0 and higher.

ESNDMAIL SUBJECT Parameter Changed

The ESNDMAIL command has been modified to reduce the size of the SUBJECT parameter from 80 to 60 positions. Although we allowed up to 80 positions, any character beyond position 60 was dropped. In versions R03M14 and R03M15 an error, ‘CPF0074 Value for subject exceeds 60 characters’, will be issued for subjects longer than 60 positions. In versions R03M16 and greater, a warning message stating the subject has been truncated will be issued and the process will continue.

ESNDMAIL with Multiple Attachments

The ESNDMAIL command has been modified (version 3.6.340) to send an e-mail message even if one or more of the spool files specified in the List of Attachments ( ) parameter are missing. It will attach all available files and signal a warning message in the log about any missing files.