

E-MAIL UTILITIES™

UPDATE INSTRUCTIONS

New Release: Release 01, Modification 03, PTF 2201

System Requirements:

AS/400: OS/400 Version 7 Release 2 Modification 0 or later.
Security level 40 or less

Enhancements

Release 1.3 PTF 2201

Microsoft Excel (xlsx) format supported. E-mail Utilities components can process spool entries into the Microsoft Excel (xlsx) format. EMLSPLF and DIRSPLF commands support xlsx attachments.

Release 1.3 PTF 1702

ASP Support added. E-mail Utilities product libraries can be installed in ASPs other than the System ASP (ASP = 1). Basic ASPs (1 – 32) and Independent ASPs (33 – 256) are supported.

Multiple Instances per LPAR supported. E-mail Utilities can have multiple instances within the same LPAR. Each instance operates independently of the others. The multiple instances can be running at the same time.

Release 1.3 PTF 0000

Spool PDF Overlay/400™ interface added. Generated PDF files can be created by the Spool PDF Overlay/400™ product, which supports the following:

- Overlays
- Images
- Multiple, Embedded Fonts

All E-mail Utilities functions that create PDF files will support the Spool PDF Overlay/400 interface. Contact BDS for a 30-day free trial of the Spool PDF Overlay/400 product.

Release 1.2 PTF 0000

Encryption added. E-mail attachments and IFS files can be encrypted. The industry standard Rijndael algorithm with a 128 bit key is supported. The encrypted file is Windows exe file that users execute. Users must enter a password to access the attachment. All E-mail Utilities E-mail functions support encryption.

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Release 1.1 PTF 0301

EMLSPLF command, multiple attachments. Users can specify more than 1 attachment. Each attachment can be a different spool entry, type, or attachment name.

CSV/TSV, headings option. EMLSPLF, EMLDTAF, DIRSPLF, DIRDTAF commands can specify column headings for part types CSV or TSV.

DIRSPLF & DIRDTAF, Data Authorities. Users can specify Data Authorities to assign to created IFS files.

Release 1.1 PTF 0000

E-mail IFS File command. Users can E-mail IFS files to Internet users. High quality HTML messages can be created using PC applications, then moved to the AS/400 and sent via E-mail utilities. HTML, PDF, and other popular formats can be E-mailed.

Blind Carbon Copy (Bcc) addresses. The EMLDTAF, EMLSPLF, and EMLIFS commands allow the user to specify Bcc recipients in addition to or instead of To recipients. Bcc recipients will not appear in the message header.

New Address types. Addresses (From, To, and Bcc) can now be specified as **USRPRF(userid)** or **SNADSUSR(aaaa bbbb)**. E-mail utilities will retrieve and substitute the user's SMTP address.

Tab Separated Values (TSV). TSV, which is similar to Comma Separated Values (CSV), is now supported as an output file type.

Command Params, Mixed Case. The Mixed Case attribute is now supported, allowing users to enter lower case into many parameters (addresses, subject, etc) without having to enclose the values in quote marks.

Created File CCSID set. The CCSID attribute of created IFS files (**DIRDTAF** and **DIRSPLF** cmds) is now set to the specified ASCII CCSID.

Release 1.0 PTF 0107

BDS Software Server access. Users can now access the BDS Software Server directly from their AS/400. Software downloads and current release information can be retrieved.

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Problems Corrected

<u>REL</u>	<u>PTF</u>	<u>DESCRIPTION</u>
1.3	2401	Work space conflict possible.
1.3	2201	(Enhancement) F4=Select, added F3=Exit
1.3	2002	(Enhancement) EMLSPLF, DIRSPLF cmds, added JOBSYSNAME and CRTDATE.
1.3	2002	Spool PDF Overlay/400 interface, identify sple via internal job and spool file id.
1.3	2001	(Enhancement) EMLDTAF, DIRDTAF cmds, support NULL fields in atch files.
1.3	2001	EMLDTAF, DIRDTAF cmds, NULL fields cause CPF5035 RC=19 then BEM1005 w/BASEBLK, Value not correct.
1.3	1802	(Enhancement) EMLxxxF cmds, attachment file name, allow up to 95/128 chars.
1.3	1801	Email PDF, prev. email attempt abends, larger PDF work file causes corrupt PDF attachment file.
1.3	1801	Install & Update, Check for user QSECOFR before setting Storage Area to *NONE.
1.3	1801	Report IFS Close errors.
1.3	1702	EMLIFSF, ATCHFILE(...,*IFSF...), > 32 byte path name, atch name error.
1.3	1702	EMLIFSF, do not upper-case xlate attachment file name.
1.3	1701	Email, email addresses passed to IBM API no longer upper-case translated.
1.3	1503	Tasks receive CPD0193 Not authorized to pgm QPMLPMGT.
1.3	1502	PDF, > 200k pages cause MCH0603.
1.3	1502	(Enhancement) PDF, support file sizes up to 10 giga-bytes.
1.3	1501	Internal modifications.
1.3	1401	V7R1 & V6R1 IBM cumulative PTF causes MCH0601 in QC2POSIX, BEM004.
1.3	1301	(Enhancement) Mirroring, replicated system's password can be specified on the production machine.
1.3	1202	(Enhancement) DIRSPLF cmd, added *DFT to CMBOVPRT parm.
1.3	1201	(Enhancement) DIRSPLF cmd, added CMBOVPRT (combine overprint) parm.
1.3	1101	(Enhancement) PDF, added Compress Page Data option.
1.3	1101	Data Files, changed to WAITRCD(*NOMAX)
1.3	1003	Update, I-O error, file OBEMCSV not found.
1.3	1003	Update, Level check on file BEMPDF after update proc.
1.3	1002	Text, CSV, TSV, HTML, Combine overprinted lines.
1.3	1001	Install/Update, V5R4 machines, CPF3773 (xxx objects not restored).
1.3	0000	PDF files, inch to cm multiplier incorrect.
1.2	0903	EMLDTAF & EMLIFSF cmds, msg "File NOTEFILE not found."
1.2	0902	Long MSF delays and > 1000 sends per job, wrong msg contents sent.
1.2	0901	Spool File Attr Output Priority not numeric causes MCH1202.
1.2	0805	EMLDTAF, DIRDTAF cmds, packed or zoned fields, num digits>18 gives fcn chk.
1.2	0804	Use latest version (1.2.3) of Flate compression utility
1.2	0803	(Enhancement) Email, type PDF, use Flate to compress page data.
1.2	0802	Add Processor Group to password expiration messages.
1.2	0801	EMLDTAF, DIRDTAF commands, > approx. 50 fields, Header record corrupted.
1.2	0801	Install or Update, CPF383E (0 objects not restored) due to owner changed.
1.2	0702	E-mail, MIME-Version keyword, wrap parentheses around comment.

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- 1.2 0702 E-mail, non-PDF attachments, do not generate mult lines per print line.
- 1.2 0702 DIRSPLF cmd, do not generate mult lines per print line.
- 1.2 0701 Update proc, IFS objs changed (owner, etc.) cause CPF383E in BEMUPDT.
- 1.2 0701 (Enhancement) All physical and logical files now ACCPTHISIZ(*MAX1TB).
- 1.2 0603 DIRDTAF cmd, msg "Parameters do not match those in program BEM027" received.
- 1.2 0602 E-mail addresses, allow hyphen in 1st character.
- 1.2 0601 E-mail a spool entry, *AFPDS, 1 print line taking multiple records optimized.
- 1.2 0000 EMLSPLF cmd, SPECNAME(*EMLSPC) special value not valid.

Installation Instructions

Before you begin:

1. The update will overlay any changes made to **BDS** objects by the user. The user must reapply any changes made to **BDS** supplied objects after applying the update.
2. The update will rename/delete/restore user data files. If for any reason the update process does not complete normally, or receives a function check, E-mail Utilities will be unusable and/or user data will be lost. Therefore, we recommend you back up the libraries **BRODERICK** and **BDSDATA** and the IFS directory **/BRODERICK** before starting the update.
3. The supplied media contains the entire E-mail Utilities package. If you are installing E-mail Utilities for the first time, follow the instructions in Chapter 2, "Installation". Otherwise, use the instructions below to update your existing E-mail Utilities instance to the new release.
4. These update procedures update a single instance of E-mail Utilities. If you have multiple instances of E-mail Utilities running in this LPAR, you must run this procedure for each instance.

Update Procedure:

1. **Important** Sign on as the security officer (QSECOFR).
2. Stop all E-mail Utilities Functions. Stop all other instances of E-mail Utilities and all other BDS products running on this LPAR.
3. Determine your current release of E-mail Utilities. Enter the following command:

BRODERICK/BEMSETUP

Write (on this document) the Release, Modification, and PTF displayed.

For example, 04 00 9302 is 4.0 9302.

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4. Install media. Load the install programs from the BDS supplied media. Enter one of the following:

If you have Tape:

```
RSTOBJ OBJ(BEMUP*) SAVLIB(EMAL40) DEV(XXXXX)VOL(*MOUNTED)  
RSTLIB(QTEMP)
```

If you have CD-ROM:

```
RSTOBJ OBJ(BEMUP*) SAVLIB(EMAL40) DEV(OPT01) VOL(BDS)  
RSTLIB(QTEMP) OPTFILE(EMAL40)
```

If you are using a Save file:

You should have a save file containing your media. Verify the contents and note the library saved:

```
DSPSAVF FILE(mylib/myfile)
```

The save file should contain objects for library **EMAL40**.

Restore the update objects from the save file containing library **EMAL40** into library QTEMP:

```
RSTOBJ OBJ(BEMUP*) SAVLIB(EMAL40) DEV(*SAVF) SAVF(mylib/myfile)  
RSTLIB(QTEMP)
```

Enter the lib/name of the save file containing library **EMAL40**.

5. Execute the update procedure. Enter one of the following:

Note: If you are have installed E-mail Utilities' program or data libraries into an IASP, verify that the IASP device's status is **AVAILABLE**. Use the command **WRKCFGSTS CFGTYPE(*DEV) CFGD(your-IASP-dev)**.

If you are using Tape or CD-ROM (Press F4 to prompt):

```
QTEMP/BEMUPD DEV(XXXXX)
```

If you are using a Save file (Press F4 to prompt):

```
QTEMP/BEMUPD DEV(*SAVF) PGMSAVF(mylib/myfile)
```

Enter the save file containing library **EMAL40** for mylib/myfile.

6. E-mail Utilities is now updated to the new release. You will receive a message that your update has completed.

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7. Access the BDS Software Server (optional).

Note: Your AS/400 must be connected to the Internet to perform this procedure.

a) If you have not done so previously, access the tailoring options screen:

BRODERICK/BEMSETUP

b) Note the fields “BDS Access Userid” and “Password”. You will need a user ID and password to access some of the server options. If needed, contact BDS administration to get this information. If you add your user id and password, press **ENTER** to enter them and re-enter the setup command.

c) Press F14, E-Comm. The Software Server display will appear. Take note of the options available to you. When you are finished, press F3 to exit