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 Release . . . . . : V2R5M0  
 As of . . . . . : 2018-08-22

| <u>PTF ID</u> | <u>Description</u>                                                                                                                                                                                                                                                                           | <u>Status Date</u> | <u>Superseded By</u> |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------|
| 2A50ALL       | Cumulative PTF Package Last Updated 2018/08/22                                                                                                                                                                                                                                               |                    |                      |
| 2A50001       | SAM Minor Ensum Editorial Change<br>o Minor Enhancement Summary Correction.                                                                                                                                                                                                                  | 11/01/12           | 2A50009              |
| 2A50002       | NLS New Function<br>o Added new function to resolve ccsid of a spooled file from its attributes.                                                                                                                                                                                             | 11/01/12           | 2A50010              |
| 2A50003       | SAM Update Processing<br>o Add processing to account for SRCCCSID(*SPLF)                                                                                                                                                                                                                     | 11/01/12           | 2A50007              |
| 2A50004       | SAM SPLCONVERT Enable SRCCCSID(*SPLF)<br>o A new special value, *SPLF, has been added to the coded character set id (SRCCCSID) parameter. When specified, the spooled file's attributes are inspected to determine its CCSID. This is beneficial on systems that support multiple languages. | 11/01/12           | 2A50008              |
| 2A50005       | SAM Help update<br>o Help update for SRCCCSID(*SPLF).                                                                                                                                                                                                                                        | 11/01/12           | 2A50009              |
| 2A50006       | TXT New Function<br>o Added processing to optionally blank pad each line to the width of the spooled file. Previously only blank trimmed processing was supported.                                                                                                                           | 11/08/12           |                      |
| 2A50007       | SAM Enable New Function<br>o Enable txt blank padding.                                                                                                                                                                                                                                       | 11/08/12           |                      |
| 2A50008       | SAM New *TXTTRIMFL Transform Added<br>o New transform *TXTTRIMFL was added. Processing is identical to transform *TXTTRIM, with one exception. Each line is padded with blanks to the full width of the spooled file.                                                                        | 11/08/12           |                      |
| 2A50009       | SAM Panel Update For *TXTTRIMFL<br>o Help and manual updated for *TXTTRIMFL.                                                                                                                                                                                                                 | 11/08/12           |                      |
| 2A50010       | NLS *JOBDFI Incorrectly Resolved<br>o Special value *JOBDFI incorrectly resolved to job ccsid, not job default ccsid.                                                                                                                                                                        | 11/08/12           |                      |
| 2A50011       | FNT FGID Height Override Honored<br>o For fonts identified by an FGID which has an implied height, height overrides were ignored. Overrides are now applied.                                                                                                                                 | 11/01/12           | 2A50035              |
| 2A50012       | PDF No Password Encryption Error<br>o Addition of AES256 encryption introduced error when document restrictions specified with no password. The document asks for                                                                                                                            | 11/01/12           | 2A50036              |

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| <u>PTF ID</u> | <u>Description</u>                                                                                                                                                                                                                                                                                                                                                                                                   | <u>Status Date</u> | <u>Superseded By</u> |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------|
|               | a password when opened. Error is corrected.                                                                                                                                                                                                                                                                                                                                                                          |                    |                      |
| 2A50013       | PID RTVGSIPTF Fails At Load/Apply<br><ul style="list-style-type: none"> <li>o Incorrectly declared variable prevented RTVGSIPTF command from loading and applying PTFs.</li> </ul>                                                                                                                                                                                                                                   | 11/08/12           | 2A50033              |
| 2A50014       | SAM Spooled File Option Example Added<br><ul style="list-style-type: none"> <li>o An additional example program has been added to SMSOURCE. The example program, SPLSAMOPT, can be registered as an exit program to implement a custom option for IBM's WRKSPLF, WRKOUTQ and WRKJOB OPTION(*SPLF) commands. Any and all SPLCONVERT parameters can be tailored to suit. See the source member for details.</li> </ul> | 11/08/12           |                      |
| 2A50015       | FNT DBCS Scalable FGIDs Corrected<br><ul style="list-style-type: none"> <li>o DBCS fonts identified by FGIDs 53248, 53249 (Japanese), 54563, 54568 (Traditional Chinese), 54565, 54566, 54567, 54568 (Simplified Chinese), and 54560, 53816 (Korean) were incorrectly treated as not scalable, resulting in improper font sizing.</li> </ul>                                                                         | 11/08/12           | 2A50035              |
| 2A50016       | PDF Incorrect Overlay Clipping<br><ul style="list-style-type: none"> <li>o Objects in overlays were incorrectly clipped to the overlay's extent. This caused missing data on the page in the case where an object extended off the edge of the overlay.</li> </ul>                                                                                                                                                   | 11/01/12           | 2A50036              |
| 2A50017       | PDF Occasional Missing Unicode Map<br><ul style="list-style-type: none"> <li>o Unicode character maps were omitted when the spooled file contained both type 1 and type 3 fonts and only type 3 were imbedded. The missing cmap rendered the resulting pdf unsearchable.</li> </ul>                                                                                                                                  | 11/08/12           | 2A50036              |
| 2A50018       | SUI WRKGSISPLF F5 Position Error<br><ul style="list-style-type: none"> <li>o Pressing F5=Refresh for a second time on WRKGSISPLF and WRKGSIOUQ panels caused the panel to reposition to the top of the list. The error is corrected.</li> </ul>                                                                                                                                                                      | 11/08/12           |                      |
| 2A50019       | SUI WRKGSIOUQ F5 Position Error<br><ul style="list-style-type: none"> <li>o Pressing F5=Refresh for a second time on WRKGSISPLF and WRKGSIOUQ panels caused the panel to reposition to the top of the list. The error is corrected.</li> </ul>                                                                                                                                                                       | 11/08/12           |                      |
| 2A50020       | PTX Add Unicode Complex Text Control Seq                                                                                                                                                                                                                                                                                                                                                                             | 04/02/13           |                      |

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| <u>PTF ID</u> | <u>Description</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <u>Status Date</u> | <u>Superseded By</u> |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------|
| 2A50021       | PDF Add Unicode Complex Text Control Seq<br>○ Added processing for new control sequence x6A Unicode Complex Text (UCT). Previously message ID PTX0005 was issued.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 04/02/13           | 2A50036              |
| 2A50022       | PDF *TRUETYPE Font W/ *EXACT Corrected<br>○ Imbedding *TRUETYPE fonts with text relative positioning *EXACT or *EXACTMOD produced erroneous results.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 04/03/13           | 2A50036              |
| 2A50023       | PDF Map Unicode Complex Text To Builtin<br>○ Added mapping for new control sequence x6A Unicode Complex Text (UCT) to Adobe's built in fonts when the code points used are found in the available character set and font imbedding is not specified.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 04/11/13           | 2A50036              |
| 2A50024       | RTF Support Additional Microsoft CS/CP<br>○ RTF output enhanced to support additional CCSIDs. The new support and associated Microsoft character sets and codepages:<br>Trg    Microsoft                    Microsoft<br>CCSID Character Set                Code Page<br>-----<br>874 222 Thai                    874 Thai<br>942 128 Shift Jis               932 Japanese<br>949 129 Hangul                  949 Korean<br>950 136 Big5                    950 Traditional Chinese<br>1250 238 Eastern Europe       1250 Eastern Europe<br>1251 204 Russian                  1251 Cyrillic<br>1252    0 ANSI                    1252 Western Europe/US<br>1253 161 Greek                    1253 Greek<br>1254 162 Turkish                  1254 Turkish<br>1255 177 Hebrew                  1255 Hebrew<br>1256 178 Arabic                   1256 Arabic<br>1257 186 Baltic                   1257 Baltic<br>1258 163 Vietnamese              1258 Vietnamese<br>1381 134 GB2312                  936 Simplified Chinese | 04/19/13           |                      |
| 2A50025       | PID RTVGS IPTF Fails At Load/Apply<br>○ Incorrectly declared variable prevented RTVGS IPTF command from loading and applying PTFs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 04/20/13           | 2A50033              |

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|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------|
| 2A50026       | FNT FTD Applied Inappropriately<br><ul style="list-style-type: none"> <li>o FTD font descriptor size values were being applied to non-scalable fonts giving incorrect font sizes.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 11/13/13                     | 2A50035                        |
| 2A50027       | MOD Page Position Information Mishandled<br><ul style="list-style-type: none"> <li>o Incorrect processing of Begin Page's Page Position Information triplet resulted in wrong overlay applied to page in some instances.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 05/22/14                     |                                |
| 2A50028       | PDF Misconstructed Page Content<br><ul style="list-style-type: none"> <li>o Under reasonably convoluted conditions involving multiple overlays on a page, the page content construction was mishandled resulting in malformed pages contents. In the example from the problem report, the printed content was missing.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                         | 05/28/14                     | 2A50036                        |
| 2A50029       | FNT Reissue Service Program<br><ul style="list-style-type: none"> <li>o Service program recompiled and reissued.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/19/15                     | 2A50035                        |
| 2A50030       | PDF Reissue Service Program<br><ul style="list-style-type: none"> <li>o Service program recompiled and reissued.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12/19/15                     | 2A50036                        |
| 2A50031       | PDF Intelligent Mail BARCODE Error<br><ul style="list-style-type: none"> <li>o Incorrect data in an internal Intelligent Mail table resulted in invalid barcodes being generated something like 1.5% of the time.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10/05/16                     | 2A50036                        |
| 2A50032       | PID Message File Updates<br><ul style="list-style-type: none"> <li>o Add new application messages to message file for future enhancement.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10/09/17                     |                                |
| 2A50033       | PID Upgrade RTVGS IPTF Command<br><ul style="list-style-type: none"> <li>o Previously, the Retrieve Gumbo PTF (RTVGS IPTF) command downloaded PTFs using the FTP protocol. Now RTVGS IPTF uses HTTP. Additionally, RTVGS IPTF can access the PTF server through a proxy server, if required by your network, using the new PROXY() parameter.</li> </ul> <p>.</p> <p>We anticipate that some installations' networks will have problems accessing the PTF server over HTTP. On a temporary basis, RTVGS IPTF has introduced a PROTOCOL() parameter that allows you to switch back to the old FTP behavior while correcting problems with HTTP service. This parameter will ultimately be removed along with support for FTP as a transport mechanism.</p> | 10/10/17                     |                                |

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| <u>PTF ID</u> | <u>Description</u>                                                                                                                                                                                                                                                                                                                                           | <u>Status</u><br><u>Date</u> | <u>Superseded</u><br><u>By</u> |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------|
|               | .<br>COMPATIBILITY WARNING<br>.                                                                                                                                                                                                                                                                                                                              |                              |                                |
|               | .<br>HTTP is now the default protocol for PTF retrieval. If your network restricts HTTP access or if a proxy is required for HTTP access the RTVGSIPTF command will fail. If a proxy is required you must fill in the PROXY() parameter. Otherwise you will have to specify PROTOCOL(*FTP) while you resolve problems with HTTP access on your network.<br>. |                              |                                |
| 2A50034       | PID Update Field Fix Manager<br>o Added field fix manager processing to delete resolved font resource users spaces, if requested by a PTF, in order to force regeneration.                                                                                                                                                                                   | 08/21/18                     |                                |
| 2A50035       | FNT Remove Type1 Marker Fields<br>o Type 1 font resolution now strips marker fields from the font program resulting in a pure pfb. This resolves a complaint from more recent PDF/A validators such as veraPDF,<br>.                                                                                                                                         | 08/21/18                     |                                |
|               | .<br>NOTE: Previously resolved font resources are moved to QRPLOBJ during application of this PTF in order to force their recreation.<br>.                                                                                                                                                                                                                   |                              |                                |
| 2A50036       | PDF A PDF/A Validator Complains<br>o Some PDF/A validators complain that "The XMP property 'xmp:CreateDate' is not synchronized with the document information entry 'CreationDate'." Code was changed to avoid the less liberal interpretation.                                                                                                              | 08/20/18                     |                                |

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