SF98194

Cumulative PTF Package

IBM I PREVENTIVE SERVICE PLANNING

INFORMATION

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- The information in this document was last updated:

16 Oct 2020

- The latest cumulative package for i 7.3 is: C0128730
- Cumulative package C0128730 began shipping worldwide: 15 May 2020.
- Date cumulative PTF package instructions last updated: 15 May 2020.
- The next cumulative package is scheduled for 20 Nov 2020.

NOTE: THIS DATE MAY CHANGE WITHOUT NOTICE, CHECK THIS FILE BEFORE ORDERING.

- Users should order Preventive Service Planning (PSP) information and review the recommended HIPER PTFs on a weekly basis. The PSPs can be viewed through the Internet at URL: http://www.ibm.com/support/docview.wss?uid=nas8N1021657
- It is important that users review and understand all new software release considerations. This is especially true of discontinued support for selected software and hardware products and/or features. To get the most current information on discontinued products and/or features along with suggested replacements, go to the IBM i operating system Planning Web site:

http://www.ibm.com/systems/support/i/planning/

- To review the IBM i operating system Information Center information on installation, upgrades, and migration, follow the link: http://www-01.ibm.com/support/knowledgecenter/ssw_ibm_i/welcome You may find this information useful to install hardware and software, upgrade to a different OS/400 release, upgrade your hardware, or migrate your data from one server to another.
- Hardware Management Console (HMC)

The HMC is a dedicated workstation that runs integrated system management software. As with other software, your HMC should be kept current. For HMC Fixes and update information, refer to the HMC Code Updates or the Server Firmware and HMC Wizard documents at Recommended Fixes: http://www-01.ibm.com/support/docview.wss?uid=nas8N1021480

For information regarding general HMC support information, go to the following URL:

http://www14.software.ibm.com/webapp/set2/sas/f/hmc/home.html

- Server Firmware

Server firmware is part of the Licensed Internal Code that enables your hardware. As with other software, your server firmware should be kept current. For general information, refer to the Information Center URL: http://publib.boulder.ibm.com/infocenter/eserver/vlr3s/index.jsp

For the Server Firmware and HMC Code / Installation Wizard: Go to Recommended fixes at the following URL: http://www-01.ibm.com/support/docview.wss?uid=nas8N1021480 and specify Server Firmware and HMC Wizard.

- PTFs may be ordered through the Internet. For more information,
 go to URL:
 http://www.ibm.com/eserver/support/fixes/fixcentral/main/iseries/
- Single PTFs, Group PTFs, and Cumulative PTF Packages ordered through Fix Central or using the SNDPTFORD command are shipped priority 2.

The delivery criteria for Single PTFs, Group PTFs, and Cumulative PTF Package orders can be found at the following URL: https://www14.software.ibm.com/webapp/ssos/order_status

- The following is a summary of the i 7.3 information that is available through Electronic Customer Support (ECS):

: INFORMATION : PTF # :----: : Order the latest cumulative PTF package : SF99730 : :----:: : Group HIPER PTF : SF99729 : :-----: : PSP Cur. Cumulative PTF Pkg Instructions C0128730 : SF98193 : :----: : PSP Cur. Cumulative PTF Pkg Listing of PTFs C0128730 : SF96193 : :----: C9311730 : SF98192 : : PSP Previous Cumulative PTF Pkg Instructions :----: : PSP Previous Cumulative PTF Pkg Listing of PTFs C9311730 : SF96192 :

:: : PSP Previous Cumulative PTF Pkg Instructions C9116730 :	
: PSP Previous Cumulative PTF Pkg Listing of PTFs C9116730	: SF96191 :
: PSP information for current cumulative package: C0128730	
: PSP info for previously supported cume package: C9311730	
: PSP info for previously supported cume package: C9116730	
: Install PSP, including PRPQ service recommendations: : excluding Upgrades & Migration Corrections : (Software Installation Information) :	: :
: i 7.3 Upgrade & Migration Corrections (Info Center)	
: i 7.3 Installation - Memo to Users & Read This First	·
: Summary of the i 7.3 High Impact/Pervasive (HIPER) PTFs : and Defective PTFs (PTFs that are in Error (PE)) :	: SF98197 :
: Complete detailed list of the i 7.3 Defective PTFs : (PTFs that are in Error (PE))	: SF98198 :
: Complete detailed list of the i 7.3 : High Impact/Pervasive (HIPER) problems .	: SF98199 : : :
: PSP information for installing i 7.3 : Licensed Internal Code and hardware devices : (Hardware LIC Information)	: MF98730 : : : : :
: PSP Update for Server Firmware: : Update Policy Set to HMC	: MH98730 :
: PSP Update for Server Firmware: : Update Policy Set to Operating System	: MH98731 : : :
: PTF Fix Cross-Reference Summary - i 7.1 to i 7.3	: SF97063 :
	: SF97064 :
	: SF97730 :

DETAILED DESCRIPTIONS:

NOTE: Refer to the chart above for a list of the currently available PSPs.

- SF99730 Order this PTF number when you would like to receive the latest cumulative PTF package that is available in your country.
- SF99729 Ordering this PTF number will result in the shipment of a CD-ROM containing all known HIPERs. SF99729 will be refreshed on Tuesday of every other week.
- SF98191 This PSP contains a short version of the cumulative PTF instructions and the detailed installation instructions for a previous cumulative package.
- SF96191 This PSP contains the listing of PTFs on the cumulative PTF package for a previous cumulative package.
- SF98192 This PSP contains a short version of the cumulative PTF instructions and the detailed installation instructions for a previous cumulative package.
- SF96192 This PSP contains the listing of PTFs on the cumulative PTF package for a previous cumulative package.
- SF98193 This PSP contains a short version of the cumulative PTF instructions and the detailed installation instructions for the current cumulative package.
- SF96193 This PSP contains the listing of PTFs on the cumulative PTF package for the current cumulative package.
- SF98730 This PSP contains information on all known High Impact and Pervasive (HIPER) PTF problems that are NOT included in the latest cumulative PTF package but may affect your operation. This PSP also contains General Information items. If there are any defective PTFs that were in the cumulative PTF package, they would also be listed in the PTFs in Error Section of this PSP.
- SF98195 This PSP provides information for a specific cumulative PTF package level. The summary table (above) cross references the PSP number to the cumulative package level. Order the PSP number that corresponds to the cumulative package you are installing or last installed. This PSP contains HIPERs and General Information items. If there are any defective PTFs that were in the cumulative PTF package, they would also be listed in the PTFs in Error Section of this PSP. The PSP for the cumulative package you have installed should be ordered periodically and reviewed for the latest information on known problems.
- SF98194 This PSP provides information for a specific cumulative PTF package level. The summary table (above) cross references the PSP number to the cumulative package level. Order the PSP number that corresponds to the cumulative package you are

installing or last installed. This PSP contains HIPERs and General Information items. If there are any defective PTFs that were in the cumulative PTF package, they would also be listed in the PTFs in Error Section of this PSP. The PSP for the cumulative package you have installed should be ordered periodically and reviewed for the latest information on known problems.

- SF98190 This PSP provides software installation information that should be reviewed before installing i 7.3 and before adding new program products. Information in this PSP is grouped by product areas that may affect you during installation.
- SF98196 This PSP file contains information about Upgrades &
 Migrations, including PTFs that are critical to operations
 that occur during the upgrade process and corrections to the
 Upgrade and Migration topics in the Information Center (i 7.3).
- SF98123 A file containing the "Memo To Users" and the "Read This First" documents is available by ordering this PTF number. A printed copy of these documents is included with every i 7.3 shipment. This file is available as a convenience for those users who misplace their original copy.
- SF98197 This PSP contains a summary of PTFs that have been identified as High Impact or Pervasive problems and a summary of Defective PTFs (PTFs that have been found to be in error).
- SF98198 This PSP provides a complete list of i 7.3 Defective PTFs (PTFs in Error). Users who regularly order and apply individual PTFs should periodically review this PSP.
- SF98199 This PSP provides a complete list of all the High Impact or Pervasive (HIPER) problems that have been discovered for i 7.3. Those users who support several systems at different cumulative package levels may find this PSP useful.
- MF98730 This PSP provides information that should be reviewed before installing new systems or hardware devices. Problems that may affect the installation or operation of hardware devices are documented here.
- MH98730 HMC code must be current. Review HMC information at:
 http://www14.software.ibm.com/webapp/set2/sas/f/hmc/home.html
 or refer to the HMC Code Updates document in Recommended
 Fixes:
 http://www-01.ibm.com/support/docview.wss?uid=nas8N1021480
- MH98731 This document applies to IBM i operating systems that have the Firmware Update Policy set to Operating System or systems not managed by an HMC. The server firmware information in this document does not apply to Model 595 systems. Server firmware fixes are ordered (using the SNDPTFORD command or Fix Central)

and installed as PTFs using the IBM i operating system PTF installation functions. These PTFs have a prefix of MH. Refer to the Server Firmware: Update policy set to Operating System document in Recommended Fixes for more information: http://www-01.ibm.com/support/docview.wss?uid=nas8N1021480

- SF97063 This PSP provides a listing to assist you when upgrading from i 7.1 to i 7.3. This listing allows you to analyze the PTFs/Fixes you currently have installed on your i 7.1 system and determine which i 7.3 PTFs/Fixes you need to order to maintain the same or higher PTF/Fix level as you upgrade to i 7.3.
- SF97064 This PSP provides a listing to assist you when upgrading from i 7.2 to i 7.3. This listing allows you to analyzethe PTFs/Fixes you currently have installed on your i 7.2 system and determine which i 7.3 PTFs/Fixes you need to order to maintain the same or higher PTF/Fix level as you upgrade to i 7.3.
- SF97730 The listing provides you with a convenient reference of the license internal code fixes (fixes) and program temporary fixes (PTFS) that are available by IBM licensed program categories. This listing is updated regularly. You may choose to order a PTF/FIX that would effect one of your IBM licensed programs.

C H A N G E S U M M A R Y

Section		Last Update		
General	Information	DD	MMM	YYYY
Service	Recommendations	16	Oct	2020
PTFS in	Error	DD	MMM	YYYY

GENERAL INFORMATION

This section contains general information concerning the installation and operation of i 7.3.

1. NO ENTRIES

S E R V I C E R E C O M M E N D A T I O N S

(HIPER) problems. The PTFs that fix the problems identified in this section are available as individual PTFs.

NOTE: HIPERs that were included in the first cumulative PTF package are not included in this list. All users are expected to have installed at least one cumulative package so those PTFs will already be applied to their systems.

'PROBLEM'
 This field provides a reference to the APAR that addresses the problem (ie: SE01234), the Licensed Program Number, and a brief description of the problem.

- 'USERS AFFECTED' This field describes the users who are exposed to this problem.
- 'RECOMMENDATION' This field describes the action you should take to avoid the problem.

NOTE: You should evaluate each entry to determine the impact of the problem to your operations. Depending on your environment and the requirements of your users, you may need to follow the recommendation immediately or you may be able to incorporate the recommendation into future system maintenance.

120. 16 Oct 2020 PROBLEM: (SE74280) Licensed Program = 5770SS1 Security

USERS AFFECTED: All IBM i operating system DNS users RECOMMENDATION: Apply PTF SI74160 for i 7.3.

119. 07 Oct 2020 PROBLEM: (MA48404) Licensed Program = 5770999

Usability of a Product's MAJOR Function

Loss of cryptographic function can occur due to

adapter's with CCIN 4767 failing to vary on USERS AFFECTED: All IBM i operating system users of

cryptographic adapters with CCIN 4767

RECOMMENDATION: Apply LIC PTF MF67445 for i 7.3.

118. 06 Oct 2020 PROBLEM: (SE74370) Licensed Program = 5770SS1 Other

Restores of the QUSRSYS library fail to restore *UBPSPC (licensing usage) objects for products

that are not currently installed.

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI74275. If possible, the PTF should be applied to a source system before backing up for recovery or migration purposes. If this is not possible, it is recommended to apply before restoring the

QUSRSYS library on the recovery target system. If this is also not possible, any errors relating to the restore of *UBPSPC objects during the restore of QUSRSYS may be temporarily ignored. Another attempt to restore the library may be made after the PTF can be applied.

117. 29 Sep 2020 PROBLEM: (MA48574) Licensed Program = 5770999
Other

High CPU consumption.

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67724 for i 7.3.

116. 28 Sep 2020 PROBLEM: (SE74406) Licensed Program = 5770DG1 Security

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply PTF SI74334 for i 7.3.

115. 25 Sep 2020 PROBLEM: (MA48382) Licensed Program = 5770999

Incorrect Output Causes a Severe Problem

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF67416 for i 7.3.

114. 24 Sep 2020 PROBLEM: (MA48619) Licensed Program = 5770999

Security

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67827 for i 7.3.

113. 24 Sep 2020 PROBLEM: (MA48567) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

B6000103

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67818 for i 7.3.

112. 23 Sep 2020 PROBLEM: (MA48577) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

B6005121

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67734 for i 7.3.

111. 18 Sep 2020 PROBLEM: (SE72652) Licensed Program = 5770SS1

Incorrect Output Causes a Severe Problem

Other

When an ILE RPG program with %TIMESTAMP is compiled on another system, it may cause msgMCH4437 when it is restored and called on a different system. See

https://www.ibm.com/support/pages/node/6218404 for more information

Usability of a Product's MAJOR Function

When an ILE RPG program with %TIMESTAMP is compiled on another system, it may cause msgMCH4437 when it is restored and called on a different system. See

https://www.ibm.com/support/pages/node/6218404

for more information

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI73189 for i 7.3.

110. 17 Sep 2020 PROBLEM: (MA48503) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

B6000103

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67608 for i 7.3.

109. 10 Sep 2020 PROBLEM: (MA48334) Licensed Program = 5770999

Usability of a Product's MAJOR Function $\,$

Loss of virtual Ethernet connectivity

USERS AFFECTED: All IBM i operating system virtual Ethernet

users

RECOMMENDATION: Apply LIC PTF MF67308 for i 7.3.

108. 10 Sep 2020 PROBLEM: (MA48603) Licensed Program = 5770999

Other

Code Improvement

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67781 for i 7.3.

107. 25 Aug 2020 PROBLEM: (MA48542) Licensed Program = 5770999

Other

Code Improvement

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67682 for i 7.3.

106. 21 Aug 2020 PROBLEM: (SE74087) Licensed Program = 5770SS1

Base System Function - Work Management, Install,

or PTF

Call home to CSP fails

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI73925 for i 7.3.

105. 14 Aug 2020 PROBLEM: (MA48497) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

B6000103

Unpredictable Corruption

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67599 for i 7.3.

104. 14 Aug 2020 PROBLEM: (MA48537) Licensed Program = 5770999

Unnecessary, Incorrect, or Long Down Times for

System Repair

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF67673

103. 13 Aug 2020 PROBLEM: (MA48470) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover
B6000103

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67557 for i 7.3.

102. 03 Aug 2020 PROBLEM: (MA48485) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover Looping Condition

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67579 for i 7.3.

101. 28 Jul 2020 PROBLEM: (MA48477) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

Security

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67575 for i 7.3.

100. 24 Jul 2020 PROBLEM: (MA48144) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover
B6000103

USERS AFFECTED: All IBM i operating system users running R730 or earlier.

RECOMMENDATION: Apply LIC PTF MF67130 for i 7.3.

MF67130 is included in cumulative PTF package C0128730.

99. 22 Jul 2020 PROBLEM: (MA47943) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

B6006965

Damage Where Recovery is an IPL, Re-Install, or Restore

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66865 for i 7.3.

MF66865 is included in cumulative PTF package C0128730.

98. 22 Jul 2020 PROBLEM: (MA47837) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

Damage Where Recovery is an IPL, Re-Install, or
Restore

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66695 for i 7.3.

MF66695 is included in cumulative PTF package C0128730.

97. 14 Jul 2020 PROBLEM: (SE73508) Licensed Program = 5770SS1

Usability of a Product's MAJOR Function

The bug prevents journals from changing receivers at IPL/varyon. This could lead to operations failing for objects journaled to

those journals.

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply PTF SI73120 for i 7.3.

- 96. 13 Jul 2020 PROBLEM: (SE72954) Item deleted, 14 Jul 2020.
- 95. 03 Jul 2020 PROBLEM: (MA48427) Licensed Program = 5770999

 Security

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67511 for i 7.3.

94. 03 Jul 2020 PROBLEM: (SE73775) Licensed Program = 5770SS1
Security

USERS AFFECTED: All IBM i operating system DNS users

RECOMMENDATION: Apply PTF SI73483 for i 7.3.

93. 02 Jul 2020 PROBLEM: (SE73897) Licensed Program = 5770SS1

Usability of a Product's MAJOR Function

WebQuery product crashes with CLI error

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI73670 for i 7.3.

92. 29 Jun 2020 PROBLEM: (MA48411) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67474 for i 7.3.

91. 17 Jun 2020 PROBLEM: (MA48223) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

SRC0000002E SRC00010005 SRC03200062 SRCB6005122

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67243 for i 7.3.

90. 16 Jun 2020 PROBLEM: (MA48393) Licensed Program = 5770999
Other

Long vary-on of IASP

USERS AFFECTED: All IBM i operating system IASP users RECOMMENDATION: Apply LIC PTF MF67423 for i 7.3.

89. 08 Jun 2020 PROBLEM: (SE73783) Licensed Program = 5770SS1

Base System Function - Work Management, Install,
or PTF

PTF Management

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply PTF SI73503 for i 7.3.

88. 04 Jun 2020 PROBLEM: (SE73743) Licensed Program = 5770SS1

Usability of a Product's MAJOR Function

After job runs for close to 6 hours, SQ999999

error is thrown.

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI73448 for i 7.3.

87. 27 May 2020 PROBLEM: (SE73729) Licensed Program = 5733SC1 Security

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply PTF SI73430 for i 7.3.

86. 22 May 2020 PROBLEM: (MA48384) Licensed Program = 5770999 Other

Code Improvement

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67390 for i 7.3.

85. 14 May 2020 PROBLEM: (MA48261) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

B6005121

USERS AFFECTED: All IBM i operating system dynamically increasing LUN size users

RECOMMENDATION: Apply LIC PTF MF67197 for i 7.3.

84. 14 May 2020 PROBLEM: (SE73081) Licensed Program = 5770SS1
Security

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply PTF SI72576 for i 7.3.

83. 13 May 2020 PROBLEM: (SE73496) Licensed Program = 5770SS1
Unpredictable Corruption

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply PTF SI73185 for i 7.3.

82. 12 May 2020 PROBLEM: (SE73586) Licensed Program = 5770SS1

Crash/Hang Requiring an IPL to Recover

USERS AFFECTED: All IBM i operating system v7r3m0 users on

Power 9 model M9S systems.

RECOMMENDATION: Apply PTF SI73248 for i 7.3.

81. 11 May 2020 PROBLEM: (SE73294) Licensed Program = 5770SS1
Unpredictable Corruption

USERS AFFECTED: All IBM i operating system IBM i NetServer

users

RECOMMENDATION: Apply PTF SI72662 for i 7.3.

80. 11 May 2020 PROBLEM: (SE73291) Licensed Program = 5770SS1

Unpredictable Corruption

USERS AFFECTED: All IBM i operating system IBM i NetServer

users

RECOMMENDATION: Apply PTF SI72657 for i 7.3.

79. 11 May 2020 PROBLEM: (SE72848) Licensed Program = 5770SS1 Looping Condition

USERS AFFECTED: All IBM i operating system IBM i NetServer

users

RECOMMENDATION: Apply PTF SI72339 for i 7.3.

78. 07 May 2020 PROBLEM: (MA48275) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

Unpredictable Corruption

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67168 for i 7.3.

77. 17 Apr 2020 PROBLEM: (MA47373) Licensed Program = 5770999
Other

Poor Db2 access possible on Native Query request

like OPNQRYF. See apar answer

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67124 for i 7.3.

76. 15 Apr 2020 PROBLEM: (SE73393) Licensed Program = 5770TC1 Other

Change back to old behavior

USERS AFFECTED: All IBM i operating system SMTP users

RECOMMENDATION: Apply PTF SI73016 for i 7.3.

SI73016 is included in cumulative PTF package C0128730.

75. 14 Apr 2020 PROBLEM: (SE73266) Licensed Program = 5770SS1
Unpredictable Corruption

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply PTF SI72890 for i 7.3.

74. 13 Apr 2020 PROBLEM: (MA48276) Licensed Program = 5770999 Other

debug data incomplete in key vlog for SLIC DB

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67171 for i 7.3.

73. 09 Apr 2020 PROBLEM: (SE73142) Licensed Program = 5770TC1 Security

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply PTF SI72428 for i 7.3.

SI72428 is included in cumulative PTF package C0128730.

72. 02 Apr 2020 PROBLEM: (MA48308) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

B6000302

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67236 for i 7.3.

71. 01 Apr 2020 PROBLEM: (MA48052) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

USERS AFFECTED: All IBM i operating system tape users

RECOMMENDATION: Apply LIC PTF MF66839 for i 7.3.

70. 30 Mar 2020 PROBLEM: (SE72932) Licensed Program = 5770SS1

High Availability Options (Mirroring, Checksums)

Large numbers of resources in the cluster administrative domain become inconsistent.

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply PTF SI72312 for i 7.3.

69. 30 Mar 2020 PROBLEM: (MA48282) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

B6000103

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67190 for i 7.3.

68. 26 Mar 2020 PROBLEM: (SE73274) Licensed Program = 5770SS1
Other

These HIPER PTFs were necessary because the XML feed was relocated.

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI72639 for i 7.3.

67. 09 Mar 2020 PROBLEM: (MA48028) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

Looping Condition

USERS AFFECTED: All IBM i operating system users with 4096

sector dasd.

RECOMMENDATION: Apply LIC PTF MF66751 for i 7.3.

MF66751 is included in cumulative PTF package C0128730.

66. 04 Mar 2020 PROBLEM: (SE72891) Licensed Program = 5770TC1

Other

New Function PTF: Use QIBM_SMTP_RLY_TLS_FIRST like *SMTP mode to control the *SDD default SSL behavior

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply PTF SI72121 for i 7.3.

SI72121 is included in cumulative PTF package C0128730.

65. 28 Feb 2020 PROBLEM: (MA48135) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

B6000103

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66973 for i 7.3.

MF66973 is included in cumulative PTF package C0128730.

64. 27 Feb 2020 PROBLEM: (MA48227) Licensed Program = 5770999

Incorrect Output Causes a Severe Problem

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67087 for i 7.3.

MF67087 is included in cumulative PTF package C0128730.

63. 11 Feb 2020 PROBLEM: (MA48192) Licensed Program = 5770999

Incorrect Output Causes a Severe Problem

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF67041 for i 7.3.

MF67041 is included in cumulative PTF package C0128730.

62. 28 Jan 2020 PROBLEM: (SE72748) Licensed Program = 5770SS1

Crash/Hang Requiring an IPL to Recover

Damage Where Recovery is an IPL, Re-Install, or

Restore

Unpredictable Corruption

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI72013.

SI72013 is included in cumulative PTF package C0128730.

61. 22 Jan 2020 PROBLEM: (MA48067) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

B6000308

Incorrect Output Causes a Severe Problem

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66844 for i 7.3.

MF66844 is included in cumulative PTF package C0128730.

60. 21 Jan 2020 PROBLEM: (MA48139) Licensed Program = 5770999

Other

Code Improvement

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66953 for i 7.3.

MF66953 is included in cumulative PTF package C0128730.

59. 15 Jan 2020 PROBLEM: (MA48091) Licensed Program = 5770999
Other

Potential Incorrect Output from a Query USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66878 for i 7.3.

MF66878 is included in cumulative PTF package C0128730.

58. 14 Jan 2020 PROBLEM: (MA48055) Licensed Program = 5770999

Incorrect Output Causes a Severe Problem

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66809 for i 7.3.

MF66809 is included in cumulative PTF package C0128730.

57. 23 Dec 2019 PROBLEM: (MA48112) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

B6000302

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66919. This problem can

only occur on partitions that have an Async or PPP line description configured with

RSRCNAME(*ETHDEVSVR).

MF66919 is included in cumulative PTF

package C0128730.

56. 19 Dec 2019 PROBLEM: (SE72465) Licensed Program = 5733SC1

Security

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI71746 for i 7.3.

SI71746 is included in cumulative PTF package C0128730.

55. 19 Dec 2019 PROBLEM: (MA47953) Licensed Program = 5770999

Usability of a Product's MAJOR Function

CCIN 2CE3 and 2CE4 Ethernet adapters can become

unusable and require replacement.

USERS AFFECTED: All IBM i operating system users with CCIN

2CE3 and 2CE4 Ethernet adapters.

RECOMMENDATION: Apply LIC PTF MF66617 for i 7.3.

MF66617 is included in cumulative PTF package C0128730.

54. 09 Dec 2019 PROBLEM: (MA48087) Licensed Program = 5770999

Incorrect Output Causes a Severe Problem

MCH3601 MCH1202

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66872 for i 7.3.

MF66872 is included in cumulative PTF package C0128730.

53. 09 Dec 2019 PROBLEM: (MA48061) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

Looping Condition

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66822 for i 7.3.

 ${\tt MF66822}$ is included in cumulative PTF

package C0128730.

52. 27 Nov 2019 PROBLEM: (SE72561) Licensed Program = 5770SS1

Data Integrity

Security

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI71637 for i 7.3.

SI71637 is included in cumulative PTF package C0128730.

51. 29 Oct 2019 PROBLEM: (MA47902) Licensed Program = 5770999

Usability of a Product's MAJOR Function

Performance of Ethernet communications impacted

USERS AFFECTED: All IBM i operating system users of VNIC

Ethernet client CMN resources (CCIN 2BD4).

RECOMMENDATION: Apply LIC PTF MF66549 for i 7.3.

MF66549 is included in cumulative PTF package C9311730.

50. 28 Oct 2019 PROBLEM: (MA48005) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66708 for i 7.3.

MF66708 is included in cumulative PTF package C0128730.

49. 25 Oct 2019 PROBLEM: (MA47959) Licensed Program = 5770999

Incorrect Output Causes a Severe Problem

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66641 for i 7.3.

MF66641 is included in cumulative PTF package C0128730.

48. 16 Oct 2019 PROBLEM: (MA47978) Licensed Program = 5770999

Data Integrity

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66661 for i 7.3.

MF66661 is included in cumulative PTF package C9311730.

47. 15 Oct 2019 PROBLEM: (SE72229) Licensed Program = 5770SS1

Other

Ensures latest tool to collect diagnostic data for IBM support

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI71231 for i 7.3.

SI71231 is included in cumulative PTF package C0128730.

46. 11 Oct 2019 PROBLEM: (MA47961) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66645 for i 7.3.

MF66645 is included in cumulative PTF package C0128730.

45. 04 Oct 2019 PROBLEM: (SE71962) Licensed Program = 5770SS1

Crash/Hang Requiring an IPL to Recover

Looping Condition

USERS AFFECTED: All IBM i operating system SQL Field

Procedure users

RECOMMENDATION: Apply PTF SI70841 for i 7.3.

SI70841 is included in cumulative PTF package C0128730.

44. 04 Oct 2019 PROBLEM: (MA47979) Licensed Program = 5770999
Other

Code Improvement

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66665 for i 7.3.

MF66665 is included in cumulative PTF package C0128730.

43. 19 Sep 2019 PROBLEM: (MA47897) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

Unpredictable Corruption

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66600 for i 7.3.

MF66600 is included in cumulative PTF package C9311730.

42. 19 Sep 2019 PROBLEM: (MA47881) Licensed Program = 5770999

Incorrect Output Causes a Severe Problem
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply LIC PTF MF66504 for i 7.3.

MF66504 is included in cumulative PTF package C9311730.

41. 11 Sep 2019 PROBLEM: (MA47637) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

USERS AFFECTED: All IBM i operating system tape users RECOMMENDATION: Apply LIC PTF MF65970 for i 7.3.

MF65970 is included in cumulative PTF package C9311730.

40. 06 Sep 2019 PROBLEM: (MA47903) Licensed Program = 5770999

Severe Performance Degradation

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66527 for i 7.3.

MF66527 is included in cumulative PTF package C9311730.

39. 28 Aug 2019 PROBLEM: (SE71780) Licensed Program = 5733SC1 Security

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply PTF SI70819 for i 7.3.

SI70819 is included in cumulative PTF package C9311730.

38. 28 Aug 2019 PROBLEM: (SE71947) Licensed Program = 5733SC1
Security

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply PTF SI70819 for i 7.3.

SI70819 is included in cumulative PTF

package C9311730.

37. 23 Aug 2019 PROBLEM: (MA47873) Licensed Program = 5770999
Other

Code Improvement

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66487 for i 7.3.

MF66487 is included in cumulative PTF package C9311730.

36. 20 Aug 2019 PROBLEM: (MA47677) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66120 for i 7.3.

MF66120 is included in cumulative PTF package C9311730.

35. 16 Aug 2019 PROBLEM: (SE71887) Licensed Program = 5770SS1 Security

USERS AFFECTED: All IBM i operating system DNS users

RECOMMENDATION: Apply PTF SI70733 for i 7.3.

SI70733 is included in cumulative PTF package C9311730.

34. 08 Aug 2019 PROBLEM: (SE71781) Licensed Program = 5770DG1
Security

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply PTF SI70629 for i 7.3.

SI70629 is included in cumulative PTF package C9311730.

33. 31 Jul 2019 PROBLEM: (MA47799) Licensed Program = 5770999
Other

Some SQL queries could experience poor performing plans, see apar answer

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66371 for i 7.3.

MF66371 is included in cumulative PTF package C9311730.

32. 31 Jul 2019 PROBLEM: (MA47759) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

USERS AFFECTED: All IBM i operating system tape users RECOMMENDATION: Apply LIC PTF MF66246 for i 7.3.

MF66246 is included in cumulative PTF package C9311730.

31. 29 Jul 2019 PROBLEM: (MA47680) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66136 for i 7.3.

MF66136 is included in cumulative PTF package C9311730.

30. 15 Jul 2019 PROBLEM: (MA47610) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

USERS AFFECTED: All IBM i operating system users who are

going to use DST Work with Disk Units to

copy the Load Source disk unit.

RECOMMENDATION: Apply LIC PTF MF65917 for i 7.3.

MF65917 is included in cumulative PTF

package C9311730.

29. 10 Jul 2019 PROBLEM: (MA47625) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

A6000266

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66028 for i 7.3.

MF66028 is included in cumulative PTF

package C9311730.

28. 04 Jul 2019 PROBLEM: (MA47806) Licensed Program = 5770999

Incorrect Output Causes a Severe Problem

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66385 for i 7.3.

MF66385 is included in cumulative PTF

package C9311730.

27. 28 Jun 2019 PROBLEM: (MA47823) Licensed Program = 5770999

Severe Performance Degradation

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66388 for i 7.3.

 ${\tt MF66388}$ is included in cumulative PTF

package C9311730.

26. 28 Jun 2019 PROBLEM: (MA47822) Licensed Program = 5770999

Other

Code Improvement

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66381 for i 7.3.

MF66381 is included in cumulative PTF

package C9311730.

25. 21 Jun 2019 PROBLEM: (MA47650) Licensed Program = 5770999

Other

Code Improvement

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF65993 for i 7.3.

MF65993 is included in cumulative PTF

package C9311730.

24. 21 Jun 2019 PROBLEM: (MA47646) Licensed Program = 5770999

Other

Code Improvement

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF65986 for i 7.3.

MF65986 is included in cumulative PTF

package C9311730.

23. 20 Jun 2019 PROBLEM: (MA47654) Licensed Program = 5770999

Other

Code Improvement

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66002 for i 7.3.

MF66002 is included in cumulative PTF

package C9311730.

22. 18 Jun 2019 PROBLEM: (MA47640) Licensed Program = 5770999

Data Integrity

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66023 for i 7.3.

MF66023 is included in cumulative PTF package C9311730.

21. 17 Jun 2019 PROBLEM: (SE71220) Licensed Program = 5770SS1

Security

USERS AFFECTED: All IBM i operating system DNS users

RECOMMENDATION: Apply PTF S169885 for i 7.3.

SI69885 is included in cumulative PTF package C9311730.

20. 12 Jun 2019 PROBLEM: (SE69732) Licensed Program = 5770SS1

Security

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI70170 for i 7.3.

19. 27 May 2019 PROBLEM: (MA47722) Licensed Program = 5770999

Incorrect Output Causes a Severe Problem

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66169 for i 7.3.

MF66169 is included in cumulative PTF package C9311730.

18. 21 May 2019 PROBLEM: (MA47635) Licensed Program = 5770999

Usability of a Product's MAJOR Function

Intermittent loss of Ethernet communication

USERS AFFECTED: All IBM i operating system users that use

Ethernet adapters with CCIN 576F on Power 9 $\,$

systems

RECOMMENDATION: Apply LIC PTF MF66005 for i 7.3.

MF66005 is included in cumulative PTF package C9311730.

17. 09 May 2019 PROBLEM: (MA47528) Licensed Program = 5770999

Save/Restore Problem Preventing Backup and/or

Recovery of Objects

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF65764 for i 7.3.

MF65764 is included in cumulative PTF package C9311730.

16. 08 May 2019 PROBLEM: (MA47582) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover
B6000308

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF65860 for i 7.3.

MF65860 is included in cumulative PTF package C9311730.

15. 06 May 2019 PROBLEM: (MA47675) Licensed Program = 5770999
Other

Code Improvement

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF66051 for i 7.3.

MF66051 is included in cumulative PTF package C9311730.

14. 03 May 2019 PROBLEM: (SE70846) Licensed Program = 5770SS1

Unpredictable Corruption

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply PTF SI69807 for i 7.3.

SI69807 is included in cumulative PTF package C9311730.

13. 26 Apr 2019 PROBLEM: (MA47639) Licensed Program = 5770999 Crash/Hang Requiring an IPL to Recover A61x0266

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF65975 for i 7.3.

MF65975 is included in cumulative PTF package C9311730.

12. 26 Apr 2019 PROBLEM: (MA47638) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

B6005121

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF65974 for i 7.3.

MF65974 is included in cumulative PTF package C9311730.

11. 23 Apr 2019 PROBLEM: (SE70631) Licensed Program = 5770SS1

Security

USERS AFFECTED: All IBM i operating system DNS users

RECOMMENDATION: Apply PTF S169119.

SI69119 is included in cumulative PTF package C9311730.

10. 22 Apr 2019 PROBLEM: (MA47511) Licensed Program = 5770999

 ${\tt Incorrect\ Output\ Causes\ a\ Severe\ Problem}$

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF65736 for i 7.3.

MF65736 is included in cumulative PTF package C9311730.

9. 16 Apr 2019 PROBLEM: (MA47510) Licensed Program = 5770999

Incorrect Output Causes a Severe Problem

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF65733 for i 7.3.

MF65733 is included in cumulative PTF package C9311730.

8. 12 Apr 2019 PROBLEM: (SE70979) Licensed Program = 5770SS1

Data Integrity

Security

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF S169592 for i 7.3.

SI69592 is included in cumulative PTF package C9311730.

7. 02 Apr 2019 PROBLEM: (MA47481) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

B6005121

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF65707 for i 7.3.

MF65707 is included in cumulative PTF package C9311730.

6. 01 Apr 2019 PROBLEM: (SE70551) Licensed Program = 5733SC1 Security

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI69336 for i 7.3.

SI69336 is included in cumulative PTF package C9311730.

5. 01 Apr 2019 PROBLEM: (SE70652) Licensed Program = 5733SC1

Security

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI69336 for i 7.3.

SI69336 is included in cumulative PTF package C9311730.

4. 28 Mar 2019 PROBLEM: (MA47540) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

B90037FF

USERS AFFECTED: All IBM i operating system users. RECOMMENDATION: Apply LIC PTF MF65810 for i 7.3.

MF65810 is included in cumulative PTF package C9311730.

3. 06 Aug 2018 PROBLEM: (SE69785) Licensed Program = 5770SS1

Usability of a Product's MAJOR Function

REST requests may not work on a newly created

IWS server

USERS AFFECTED: All IBM i operating system integrated web

services server users

RECOMMENDATION: Apply PTF SI68122 for i 7.3.

2. 24 Apr 2017 PROBLEM: (SE66279) Licensed Program = 57330PS Security

RECOMMENDATION: Apply PTF SI63299 for i 7.3.

1. 27 Jun 2016 PROBLEM: (MA45677) Item deleted, 28 Jun 2016.

PTFS IN ERROR

This section provides a list of PTFs included in this cumulative PTF package that were found to cause problems for some users after this package began shipping. You should review the 'USERS AFFECTED' field for each item to decide if you are exposed to the problem. If you are exposed to the problem, the 'RECOMMENDATION' should be followed.

Users who regularly order and apply individual PTFs should periodically review PSP SF98198.

Under certain conditions, we recommend that a PTF applied to your system be removed or that a PTF be omitted when applying a cumulative package. Instructions for removing and omitting PTFs follow the PTFs in error.

- 'DEFECTIVE PTF' This field contains the identity (PTF number) of the PTF that is defective.
- 'LICENSED PROGRAM The Licensed Program Number NUMBER'
- 'APAR NUMBER' The identity of the APAR that reports the problem.
- 'USERS AFFECTED' This field describes the users who are ${\tt exposed} \ \ {\tt to} \ \ {\tt the} \ \ {\tt problem}.$
- 'REASON DEFECTIVE' This field provides a description of the $\hbox{problem caused by the error in the PTF.}$
- 'RECOMMENDATION'
 This field describes the action you should take to avoid the problem.

OMITTING A PTF

Refer to Appendix A in the detailed cumulative PTF package installation instructions.

REMOVING A PTF

Refer to the IBM i Information Center: http://publib.boulder.ibm.com/eserver/ibmi.html OS/400 and related software->Maintain and manage->Use software fixes->Remove fixes)

READER COMMENTS

Questions concerning this file should be directed to your provider of software service.