

SF98184

Cumulative PTF Package

I B M i P R E V E N T I V E S E R V I C E P L A N N I N G

I N F O R M A T I O N

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- The information in this document was last updated:

16 Oct 2020

- The latest cumulative package for i 7.2 is: C0114720
- Cumulative package C0114720 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/iserie/>

- 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 7.2 information that is available through Electronic Customer Support (ECS):

```
-----  
: INFORMATION                                     : PTF #   :  
:-----:-----:  
: Order the latest cumulative PTF package         : SF99720 :  
:-----:-----:  
: Group HIPER PTF                               : SF99719 :  
:-----:-----:  
: PSP Cur. Cumulative PTF Pkg Instructions      C0114720 : SF98183 :  
:-----:-----:  
: PSP Cur. Cumulative PTF Pkg Listing of PTFs   C0114720 : SF96183 :  
:-----:-----:  
: PSP Previous Cumulative PTF Pkg Instructions  C9297720 : SF98182 :  
:-----:-----:  
: PSP Previous Cumulative PTF Pkg Listing of PTFs C9297720 : SF96182 :  
-----
```

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:-----:
: PSP Previous Cumulative PTF Pkg Instructions      C9123720   : SF98181 :
:-----:
: PSP Previous Cumulative PTF Pkg Listing of PTFs C9123720   : SF96181 :
:-----:
: PSP information for current cumulative package: C0114720   : SF98720 :
:-----:
: PSP info for previously supported cume package: C9297720   : SF98185 :
:-----:
: PSP info for previously supported cume package: C9123720   : SF98184 :
:-----:
: Install PSP, including PRPQ service recommendations:      : SF98180 :
: excluding Upgrades & Migration Corrections              :      :
: (Software Installation Information)                    :      :
:-----:
: i 7.2 Upgrade & Migration Corrections (Info Center)        : SF98172 :
:-----:
: i 7.2 Installation - Memo to Users & Read This First      : SF98116 :
:-----:
: Summary of the i 7.2 High Impact/Pervasive (HIPER) PTFs   : SF98187 :
: and Defective PTFs (PTFs that are in Error (PE))          :      :
:-----:
: Complete detailed list of the i 7.2 Defective PTFs        : SF98188 :
: (PTFs that are in Error (PE))                            :      :
:-----:
: Complete detailed list of the i 7.2                        : SF98189 :
: High Impact/Pervasive (HIPER) problems                    :      :
:-----:
: PSP information for installing i 7.2                       : MF98720 :
: Licensed Internal Code and hardware devices                :      :
: (Hardware LIC Information)                                 :      :
:-----:
: PSP Update for Server Firmware:                            : MH98720 :
: Update Policy Set to HMC                                   :      :
:-----:
: PSP Update for Server Firmware:                            : MH98721 :
: Update Policy Set to Operating System                      :      :
:-----:
: PTF Fix Cross-Reference Summary - i 6.1 / i 6.1.1 to i 7.2 : SF97047 :
:-----:
: PTF Fix Cross-Reference Summary - i 7.1 to i 7.2          : SF97048 :
:-----:
: Summary of the generally available i 7.2 PTFs             : SF97720 :
: (Fix Summary Listing)                                     :      :
:-----:

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DETAILED DESCRIPTIONS:

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

- SF99720 - Order this PTF number when you would like to receive the latest cumulative PTF package that is available in your country.
- SF99719 - Ordering this PTF number will result in the shipment of a CD-ROM containing all known HIPERs. SF99719 will be refreshed on Tuesday of every other week.
- SF98181 - This PSP contains a short version of the cumulative PTF instructions and the detailed installation instructions for a previous cumulative package.
- SF96181 - This PSP contains the listing of PTFs on the cumulative PTF package for a previous cumulative package.
- SF98182 - This PSP contains a short version of the cumulative PTF instructions and the detailed installation instructions for a previous cumulative package.
- SF96182 - This PSP contains the listing of PTFs on the cumulative PTF package for a previous cumulative package.
- SF98183 - This PSP contains a short version of the cumulative PTF instructions and the detailed installation instructions for the current cumulative package.
- SF96183 - This PSP contains the listing of PTFs on the cumulative PTF package for the current cumulative package.
- SF98720 - 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.
- SF98185 - 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.
- SF98184 - 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.

- SF98180 - This PSP provides software installation information that should be reviewed before installing i 7.2 and before adding new program products. Information in this PSP is grouped by product areas that may affect you during installation.

- SF98172 - 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 7.2).

- SF98116 - 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 7.2 shipment. This file is available as a convenience for those users who misplace their original copy.

- SF98187 - 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).

- SF98188 - This PSP provides a complete list of i 7.2 Defective PTFs (PTFs in Error). Users who regularly order and apply individual PTFs should periodically review this PSP.

- SF98189 - This PSP provides a complete list of all the High Impact or Pervasive (HIPER) problems that have been discovered for i 7.2. Those users who support several systems at different cumulative package levels may find this PSP useful.

- MF98720 - 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.

- MH98720 - 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>

- MH98721 - 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>

SF97047 - This PSP provides a listing to assist you when upgrading from i 6.1/i 6.1.1 to i 7.2. This listing allows you to analyze the PTFs/Fixes you currently have installed on your i 6.1/i 6.1.1 system and determine which i 7.2 PTFs/Fixes you need to order to maintain the same or higher PTF/Fix level as you upgrade to i 7.2.

SF97048 - This PSP provides a listing to assist you when upgrading from i 7.1 to i 7.2. This listing allows you to analyze the PTFs/Fixes you currently have installed on your i 7.1 system and determine which i 7.2 PTFs/Fixes you need to order to maintain the same or higher PTF/Fix level as you upgrade to i 7.2.

SF97720 - 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
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General Information	DD MMM YYYY
Service Recommendations	16 Oct 2020
PTFS in Error	DD MMM YYYY

G E N E R A L I N F O R M A T I O N

This section contains general information concerning the installation and operation of i 7.2.

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

This section provides details on High Impact or Pervasive

(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.

116. 16 Oct 2020 PROBLEM: (SE74280) Licensed Program = 5770SS1
Security

USERS AFFECTED: All IBM i operating system DNS users
RECOMMENDATION: Apply PTF SI74161 for i 7.2.

115. 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 MF67446 for i 7.2.

114. 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 SI74276. 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.

113. 28 Sep 2020 PROBLEM: (SE74406) Licensed Program = 5770DG1
Security
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply PTF SI74336 for i 7.2.
112. 28 Sep 2020 PROBLEM: (MA48619) Licensed Program = 5770999
Security
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply LIC PTF MF67874 for i 7.2.
111. 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 MF67415 for i 7.2.
110. 18 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 MF67793 for i 7.2.
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 MF67309 for i 7.2.
108. 10 Sep 2020 PROBLEM: (MA48603) Licensed Program = 5770999
Other
Code Improvement
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply LIC PTF MF67780 for i 7.2.
107. 25 Aug 2020 PROBLEM: (MA48542) Licensed Program = 5770999
Other
Code Improvement
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply LIC PTF MF67681 for i 7.2.
106. 24 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 SI74090 for i 7.2.

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 MF67600 for i 7.2.

104. 06 Aug 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 MF67424 for i 7.2.

103. 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 MF67576 for i 7.2.

102. 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 MF67129 for i 7.2.

MF67129 is included in cumulative PTF
package C0114720.

101. 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 MF67112 for i 7.2.

MF67112 is included in cumulative PTF
package C0114720.

100. 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 MF66544 for i 7.2.

MF66544 is included in cumulative PTF
package C0114720.

99. 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 SI73119 for i 7.2.

98. 13 Jul 2020 PROBLEM: (SE72954) Item deleted, 14 Jul 2020.

97. 07 Jul 2020 PROBLEM: (MA48427) Licensed Program = 5770999
Security

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF67510 for i 7.2.

96. 03 Jul 2020 PROBLEM: (SE73775) Licensed Program = 5770SS1
Security

USERS AFFECTED: All IBM i operating system DNS users

RECOMMENDATION: Apply PTF SI73484 for i 7.2.

95. 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 MF67472 for i 7.2.

94. 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 MF67244 for i 7.2.

93. 27 May 2020 PROBLEM: (SE73729) Licensed Program = 5733SC1
Security

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI73430 for i 7.2.

92. 22 May 2020 PROBLEM: (MA48384) Licensed Program = 5770999
Other
Code Improvement

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF67389 for i 7.2.

91. 14 May 2020 PROBLEM: (SE73081) Licensed Program = 5770SS1
Security

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI72600 for i 7.2.

90. 13 May 2020 PROBLEM: (SE73496) Licensed Program = 5770SS1
Unpredictable Corruption

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI73184 for i 7.2.

89. 11 May 2020 PROBLEM: (SE73291) Licensed Program = 5770SS1
Unpredictable Corruption
USERS AFFECTED: All IBM i operating system IBM i NetServer users
RECOMMENDATION: Apply PTF SI73228 for i 7.2.
88. 11 May 2020 PROBLEM: (SE73294) Licensed Program = 5770SS1
Unpredictable Corruption
USERS AFFECTED: All IBM i operating system IBM i NetServer users
RECOMMENDATION: Apply PTF SI73227 for i 7.2.
87. 11 May 2020 PROBLEM: (SE72848) Licensed Program = 5770SS1
Looping Condition
USERS AFFECTED: All IBM i operating system IBM i NetServer users
RECOMMENDATION: Apply PTF SI73226 for i 7.2.
86. 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 MF67169 for i 7.2.
85. 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 SI73027 for i 7.2.
84. 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 MF67170 for i 7.2.
83. 09 Apr 2020 PROBLEM: (SE73142) Licensed Program = 5770TC1
Security
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply PTF SI72645 for i 7.2.
82. 08 Apr 2020 PROBLEM: (SE73266) Licensed Program = 5770SS1
Unpredictable Corruption
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply PTF SI72647 for i 7.2.
81. 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 MF67237 for i 7.2.

80. 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 MF66838 for i 7.2.
79. 01 Apr 2020 PROBLEM: (MA45707) Licensed Program = 5770999
Usability of a Product's MAJOR Function
Code Improvement
USERS AFFECTED: All IBM i operating system 94XX users
RECOMMENDATION: Apply LIC PTF MF62222 for i 7.2.
78. 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 SI72311 for i 7.2.
77. 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 MF67189 for i 7.2.
76. 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 SI72641 for i 7.2.
75. 10 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 SI72359 for i 7.2.
74. 03 Mar 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 MF66959 for i 7.2.
73. 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 MF66974 for i 7.2.

MF66974 is included in cumulative PTF
package C0114720.

72. 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 MF67086 for i 7.2.

MF67086 is included in cumulative PTF
package C0114720.

71. 17 Feb 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 MF66748 for i 7.2.

MF66748 is included in cumulative PTF
package C0114720.

70. 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 MF67040 for i 7.2.

MF67040 is included in cumulative PTF
package C0114720.

69. 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 MF66846 for i 7.2.

MF66846 is included in cumulative PTF
package C0114720.

68. 21 Jan 2020 PROBLEM: (MA48139) Licensed Program = 5770999

Other
Code Improvement
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply LIC PTF MF66952 for i 7.2.

MF66952 is included in cumulative PTF
package C0114720.

67. 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 MF66808 for i 7.2.

MF66808 is included in cumulative PTF
package C0114720.

66. 31 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 MF66924. This problem can only occur on partitions that have an Async or PPP line description configured with RSRCNAME(*ETHDEVSVR).

MF66924 is included in cumulative PTF package C0114720.

65. 19 Dec 2019 PROBLEM: (SE72465) Licensed Program = 5733SC1
Security

USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply PTF SI71746 for i 7.2.

SI71746 is included in cumulative PTF package C0114720.

64. 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 MF66616 for i 7.2.

MF66616 is included in cumulative PTF package C0114720.

63. 27 Nov 2019 PROBLEM: (SE72561) Licensed Program = 5770SS1
Data Integrity
Security

USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply PTF SI71636 for i 7.2.

SI71636 is included in cumulative PTF package C0114720.

62. 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 MF66548 for i 7.2.

MF66548 is included in cumulative PTF package C0114720.

61. 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 MF66707 for i 7.2.

MF66707 is included in cumulative PTF package C0114720.

60. 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 MF66640 for i 7.2.

MF66640 is included in cumulative PTF
package C0114720.

59. 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 SI71203 for i 7.2.

SI71203 is included in cumulative PTF
package C0114720.

58. 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 MF66646 for i 7.2.

MF66646 is included in cumulative PTF
package C0114720.

57. 08 Oct 2019 PROBLEM: (MA47978) Licensed Program = 5770999
Data Integrity

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66686 for i 7.2.

MF66686 is included in cumulative PTF
package C0114720.

56. 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 SI71034 for i 7.2.

SI71034 is included in cumulative PTF
package C0114720.

55. 04 Oct 2019 PROBLEM: (MA47979) Licensed Program = 5770999
Other

Code Improvement

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66664 for i 7.2.

MF66664 is included in cumulative PTF
package C0114720.

54. 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 MF66521 for i 7.2.

MF66521 is included in cumulative PTF
package C9297720.

53. 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 MF65969 for i 7.2.

MF65969 is included in cumulative PTF
package C9297720.

52. 10 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 MF66503 for i 7.2.

MF66503 is included in cumulative PTF
package C0114720.

51. 09 Sep 2019 PROBLEM: (MA47903) Licensed Program = 5770999
Severe Performance Degradation
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply LIC PTF MF66552 for i 7.2.

MF66552 is included in cumulative PTF
package C0114720.

50. 28 Aug 2019 PROBLEM: (SE71780) Licensed Program = 5733SC1
Security
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply PTF SI70819 for i 7.2.

SI70819 is included in cumulative PTF
package C9297720.

49. 28 Aug 2019 PROBLEM: (SE71947) Licensed Program = 5733SC1
Security
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply PTF SI70819 for i 7.2.

SI70819 is included in cumulative PTF
package C9297720.

48. 23 Aug 2019 PROBLEM: (MA47873) Licensed Program = 5770999
Other
Code Improvement
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply LIC PTF MF66486 for i 7.2.

MF66486 is included in cumulative PTF
package C9297720.

47. 16 Aug 2019 PROBLEM: (SE71887) Licensed Program = 5770SS1
Security
USERS AFFECTED: All IBM i operating system DNS users
RECOMMENDATION: Apply PTF SI70732 for i 7.2.

SI70732 is included in cumulative PTF
package C9297720.

46. 08 Aug 2019 PROBLEM: (SE71781) Licensed Program = 5770DG1
Security
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply PTF SI70724 for i 7.2.

SI70724 is included in cumulative PTF
package C9297720.

45. 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 MF66376 for i 7.2.

MF66376 is included in cumulative PTF
package C9297720.

44. 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 MF66245 for i 7.2.

MF66245 is included in cumulative PTF
package C9297720.

43. 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 MF66135 for i 7.2.

MF66135 is included in cumulative PTF
package C9297720.

42. 24 Jul 2019 PROBLEM: (MA47640) Licensed Program = 5770999

Data Integrity

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66027 for i 7.2.

MF66027 is included in cumulative PTF
package C9297720.

41. 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 MF65916 for i 7.2.

MF65916 is included in cumulative PTF
package C9297720.

40. 10 Jul 2019 PROBLEM: (MA47429) Licensed Program = 5770999

Severe Performance Degradation

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66108 for i 7.2.

MF66108 is included in cumulative PTF
package C9297720.

39. 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 MF65976 for i 7.2.

MF65976 is included in cumulative PTF
package C9297720.

38. 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 MF66384 for i 7.2.

MF66384 is included in cumulative PTF
package C9297720.

37. 28 Jun 2019 PROBLEM: (MA47823) Licensed Program = 5770999

Severe Performance Degradation

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66390 for i 7.2.

MF66390 is included in cumulative PTF
package C9297720.

36. 28 Jun 2019 PROBLEM: (MA47822) Licensed Program = 5770999

Other

Code Improvement

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66380 for i 7.2.

MF66380 is included in cumulative PTF
package C9297720.

35. 21 Jun 2019 PROBLEM: (MA47650) Licensed Program = 5770999

Other

Code Improvement

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF65992 for i 7.2.

MF65992 is included in cumulative PTF
package C9297720.

34. 21 Jun 2019 PROBLEM: (MA47646) Licensed Program = 5770999

Other

Code Improvement

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF65985 for i 7.2.

MF65985 is included in cumulative PTF
package C9297720.

33. 20 Jun 2019 PROBLEM: (MA47654) Licensed Program = 5770999

Other

Code Improvement

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66001 for i 7.2.

MF66001 is included in cumulative PTF
package C9297720.

32. 17 Jun 2019 PROBLEM: (SE71220) Licensed Program = 5770SS1

Security

USERS AFFECTED: All IBM i operating system DNS users

RECOMMENDATION: Apply PTF SI69883 for i 7.2.

SI69883 is included in cumulative PTF
package C9297720.

31. 13 Jun 2019 PROBLEM: (SE69732) Licensed Program = 5770SS1

Security

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI70171 for i 7.2.

30. 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 MF66167 for i 7.2.

MF66167 is included in cumulative PTF
package C9297720.

29. 22 May 2019 PROBLEM: (SE71236) Licensed Program = 5770SS1

Usability of a Product's MAJOR Function

Failure to reuse existing connections over DRDA

USERS AFFECTED: All IBM i operating system Distributed
Database Management (DDM) or Distributed
Relational Database Access (DRDA) users for
i 7.2.

RECOMMENDATION: Apply PTF SI69907 for i 7.2.

SI69907 is included in cumulative PTF
package C9297720.

28. 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 MF65972 for i 7.2.

MF65972 is included in cumulative PTF
package C9297720.

27. 16 May 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 MF66100 for i 7.2.

MF66100 is included in cumulative PTF
package C9297720.

26. 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 MF65859 for i 7.2.

MF65859 is included in cumulative PTF

package C9297720.

25. 06 May 2019 PROBLEM: (MA47675) Licensed Program = 5770999

Other

Code Improvement

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF66050 for i 7.2.

MF66050 is included in cumulative PTF

package C9297720.

24. 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 MF66015 for i 7.2.

MF66015 is included in cumulative PTF

package C9297720.

23. 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 MF66014 for i 7.2.

MF66014 is included in cumulative PTF

package C9297720.

22. 23 Apr 2019 PROBLEM: (SE70631) Licensed Program = 5770SS1

Security

USERS AFFECTED: All IBM i operating system DNS users

RECOMMENDATION: Apply PTF SI69118.

SI69118 is included in cumulative PTF

package C9297720.

21. 22 Apr 2019 PROBLEM: (MA47511) Licensed Program = 5770999

Incorrect Output Causes a Severe Problem

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF65735 for i 7.2.

MF65735 is included in cumulative PTF

package C9297720.

20. 18 Apr 2019 PROBLEM: (MA47404) Licensed Program = 5770999

Crash/Hang Requiring an IPL to Recover

Looping Condition

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply LIC PTF MF65579 for i 7.2.

MF65579 is included in cumulative PTF

package C9297720.

19. 16 Apr 2019 PROBLEM: (SE70846) Licensed Program = 5770SS1

Unpredictable Corruption

USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI69553 for i 7.2.

SI69553 is included in cumulative PTF
package C9297720.

18. 16 Apr 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 MF65827 for i 7.2.

MF65827 is included in cumulative PTF
package C9297720.

17. 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 MF65734 for i 7.2.

MF65734 is included in cumulative PTF
package C9297720.

16. 12 Apr 2019 PROBLEM: (SE70979) Licensed Program = 5770SS1
Data Integrity
Security
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply PTF SI69591 for i 7.2.

SI69591 is included in cumulative PTF
package C9297720.

15. 01 Apr 2019 PROBLEM: (SE70551) Licensed Program = 5733SC1
Security
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply PTF SI69336 for i 7.2.

SI69336 is included in cumulative PTF
package C9297720.

14. 01 Apr 2019 PROBLEM: (SE70652) Licensed Program = 5733SC1
Security
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply PTF SI69336 for i 7.2.

SI69336 is included in cumulative PTF
package C9297720.

13. 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 MF65808 for i 7.2.

MF65808 is included in cumulative PTF
package C9297720.

12. 27 Mar 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 MF65706 for i 7.2.

MF65706 is included in cumulative PTF
package C9297720.

11. 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 SI68120 for i 7.2.

10. 23 Jul 2018 PROBLEM: (SE59787) Licensed Program = 5770TC1
Usability of a Product's MAJOR Function
Should send a nondelivery after retry if always
receiving 4XX reply from remote SMTP server.
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply PTF SI61500 for i 7.2.

SI61500 is included in cumulative PTF
package C9297720.

9. 28 Sep 2017 PROBLEM: (SE68141) Licensed Program = 5770TC1
Usability of a Product's MAJOR Function
Incorrect output for "From:" part of MIME file,
particularly with SNDDST+SDD.
USERS AFFECTED: All IBM i operating system SMTP(SNDDST+SDD)
users.
RECOMMENDATION: Apply PTF SI65925 for i 7.2.

SI65925 is included in cumulative PTF
package C9297720.

8. 24 Apr 2017 PROBLEM: (SE66279) Licensed Program = 5733OPS
Security
USERS AFFECTED: All IBM i operating system
PowerVC+cloud-init users.
RECOMMENDATION: Apply PTF SI63299 for i 7.2.

7. 27 Jun 2016 PROBLEM: (MA45677) Item deleted, 28 Jun 2016.

6. 20 Apr 2016 PROBLEM: (SE64505) Licensed Program = 5770TC1
Usability of a Product's MAJOR Function
Mail API may block calling job and new mode SMTP
server may fail to send out mails under some
conditions.
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply PTF SI60261 for i 7.2.

SI60261 is included in cumulative PTF
package C9297720.

5. 20 Apr 2016 PROBLEM: (SE64506) Licensed Program = 5770TC1
Usability of a Product's MAJOR Function
Mail API may block calling job and new mode SMTP
server may fail to send out mails under some
conditions.
USERS AFFECTED: All IBM i operating system users.

RECOMMENDATION: Apply PTF SI60261 for i 7.2.

SI60261 is included in cumulative PTF package C9297720.

4. 08 Feb 2016 PROBLEM: (MB03961) Licensed Program = 5733908
Crash/Hang Requiring an IPL to Recover
SRC B181 7212
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply LIC PTF MH01566 for i 7.2.

3. 08 Feb 2016 PROBLEM: (MB03980) Licensed Program = 5733908
Crash/Hang Requiring an IPL to Recover
SRC B181 7212
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply LIC PTF MH01585 for i 7.2.

2. 13 Oct 2015 PROBLEM: (SE62717) Licensed Program = 5770TC1
Usability of a Product's MAJOR Function
The new mode Simple Mail Transfer Protocol
(SMTP) server is not compatible with the
previous version.
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply PTF SI57959 for i 7.2.

SI57959 is included in cumulative PTF package C9297720.

1. 09 May 2014 PROBLEM: (SE59082) Licensed Program = 5770SS1
Usability of a Product's MAJOR Function
Programs involving intrinsic functions compiled
on previous release may throw an exception when
run on V7R2.
USERS AFFECTED: All IBM i operating system users.
RECOMMENDATION: Apply PTF SI53294 for i 7.2.

P T F S I N E R R O R

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 SF98188.

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 NUMBER' - The Licensed Program Number
- 'APAR NUMBER' - The identity of the APAR that reports the problem.
- 'USERS AFFECTED' - This field describes the users who are exposed to the problem.
- 'REASON DEFECTIVE' - This field provides a description of the problem caused by the error in the PTF.
- 'RECOMMENDATION' - This field describes the action you should take to avoid the problem.

1. NO ENTRIES.

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)

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

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