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Saison Information Systems Co., Ltd.
HULFT Division

Fixed Issues about Communication between HULFT for Mainframe and HULFT8

Dear Customers,
We announce following issues may occur in transfer between HULFT8 or HULFT-HUB and HULFT for Mainframe. Please take time to read.

1. Issues

- When transfer between HULFTs
  If HULFT Ver.8.0 or higher except HULFT for Mainframe is installed on the sending side and less than HULFT for Mainframe Ver.7.3.1 is installed on the receiving side, one of following issues may occur.
  - Transfer fails because memory access exception occurs in HULFT on the sending side.
  - Transfer fails because memory access exception occurs after time-out period elapsed in HULFT on the sending side.
  - Transfer fails because HULFT on the sending side recognizes the message from HULFT on the receiving side as incorrect.

- When transfer via HULFT-HUB
  If HULFT Ver.8.0 or higher is installed on the sending side and less than HULFT for Mainframe Ver.7.3.1 is installed on the receiving side when a file is transferred via HULFT-HUB Ver.3.5.0 or higher, one of following issues may occur.
  - Transfer fails because memory access exception occurs in HULFT-HUB.
  - Transfer fails because memory access exception occurs after time-out period elapsed in HULFT-HUB.
  - Transfer fails because HULFT-HUB recognizes the message from HULFT on the receiving side as incorrect.
  Note: HULFT-HUB Server may end unsuccessfully because of memory access exception.

2. Cause of Issues

Issues announced in this document may occur because HULFT for Mainframe cannot recognize the message added from HULFT 8 and fails memory operation. As a logic added from HULFT8, HULFT on the sending side sends a message to HULFT on the receiving side in the first communication to confirm whether the version of HULFT on the receiving side is HULFT8 or less than HULFT8. HULFT for Mainframe may send the incorrect message to HULFT8 as a response for version confirmation because wrong area in the memory is referred in HULFT for Mainframe.

The content of the incorrect message depends on the value of the memory that is referred in HULFT for Mainframe, therefore one of issues which are described in **1. Issues** may occur.

Note that issues announced in this document are not occurred in HULFT8 for Mainframe.

3. Number of Inquiry about Issues

Since HULFT8 release (released on December 8, 2014), the number of inquiry about the above issues is two.

4. Condition to reproduce

Condition to reproduce issues differs when transferring between HULFTs and when transferring via HULFT-HUB. Issues may occur when conditions described below are met and file is transferred to HULFT that are described in **5. Affected Product Versions.**

- When transferring between HULFTs and all of followings are met
  - HULFT8 is installed on the sending side.
  - HULFT except HULFT8 for MSP, HULFT8 for XSP or HULFT8 for zOS is installed.
  - Use HULFT7 Comm. Mode in the Host Information about the destination host that HULFT described in **5. Affected Product Version** is installed is set to "N (No)" in HULFT on the sending side.

- When transferring via HULFT-HUB and all of followings are met
  - HULFT8 is installed on the sending side.
  - The version of HULFT-HUB Server is one of followings and transfer from the sending side passes through HULFT-HUB.
    HULFT-HUB Server for UNIX Ver.3.5.0 or higher
    HULFT-HUB Server for Linux Ver.3.5.0 or higher
  - Use HULFT7 Comm. Mode in the Host Information about the destination host that HULFT described in **5. Affected Product Version** is installed is set to "N (No)" in HULFT on the sending side.
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5. Affected Product Versions

- HULFT 7
  HULFT7 for MSP Ver.7.0.1 through Ver.7.3.0B
  HULFT7 for XSP Ver.7.0.1 through Ver.7.3.0B
  HULFT7 for zOS Ver.7.0.0 through Ver.7.3.0B

- HULFT6
  HULFT for Mainframe MSP Ver.6.0.1 through Ver.6.3.4
  HULFT for Mainframe XSP Ver.6.0.2 through Ver.6.3.4
  HULFT for Mainframe OS390 Ver.6.0.0 through Ver.6.3.4
  HULFT for Mainframe VOS Ver.6.0.1 through Ver.6.3.3B

- HULFT6e
  HULFT for Mainframe OS390-E Ver.6.0.3 through Ver.6.3.4

- HULFT-SAN
  HULFT-SAN for Mainframe MSP Ver.6.0.5 through Ver.6.3.4
  HULFT-SAN for Mainframe XSP Ver.6.0.5 through Ver.6.3.4
  HULFT-SAN for Mainframe OS390 Ver.6.0.5 through Ver.6.3.4
  HULFT-SAN for Mainframe VOS Ver.6.0.5 through Ver.6.3.3B

6. Corrective Action

Specify "Y (Yes)" for Use HULFT7 Comm. Mode in the Host Information about the destination host on the side of HULFT8 (the sending side).
By this setting, file transfer between HULFT8 and HULFT for Mainframe ends successfully because HULFT8 does not send the message for version confirmation.
Note that there is no functional limitation or incompatibility due to the setting differences between "Y (Yes)" and "N (No)" in Use HULFT7 Comm. Mode when communication between HULFT7 or less and HULFT8.

Also, as corrective action on the receiving side, codes are fixed in the following versions of HULFT for Mainframe to solve issues. Therefore, if you do not want to change the setting in HULFT8 (on the sending side), please consider installation of following revision update or version update on the side of HULFT for Mainframe (the receiving side).

- HULFT8
    HULFT8 for MSP Ver.8.2.0 or higher
    HULFT8 for XSP Ver.8.2.0 or higher
    HULFT8 for zOS Ver.8.1.0 or higher

- HULFT 7
    HULFT7 for MSP Ver.7.3.1A or higher*
    HULFT7 for XSP Ver.7.3.1A or higher*
    HULFT7 for zOS Ver.7.3.1A or higher*

*: We recommend updating to HULFT Ver.7.3.1A or higher because issues announced in this document do not occur in Ver.7.3.1, but another issue is fixed in Ver.7.3.1A or higher.
For details about correction, refer to the release document.

Release documents, latest manuals and modules can be obtained from our technical support service site or myHULFT which is our download site.

Note: It is necessary to conclude a support contract to download modules.