



TPF Operations Server

TPF Users Group - Fall 2009

Title: TPF Operations Server 1.2.06

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Venue: Operations and Coverage
Subcommittee

AIM Enterprise Platform Software
IBM z/Transaction Processing Facility Enterprise Edition 1.1.0

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Agenda

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 - Software Levels
 - What's New (For use with z/TPF and TPF4.1)
 - Matched Terminal Address Feature
 - TELNET Host Interface Updates
- **Recent Maintenance**
- **TPF Operations Server Host Interfaces**
- **OSA-ICC 3215 Support**

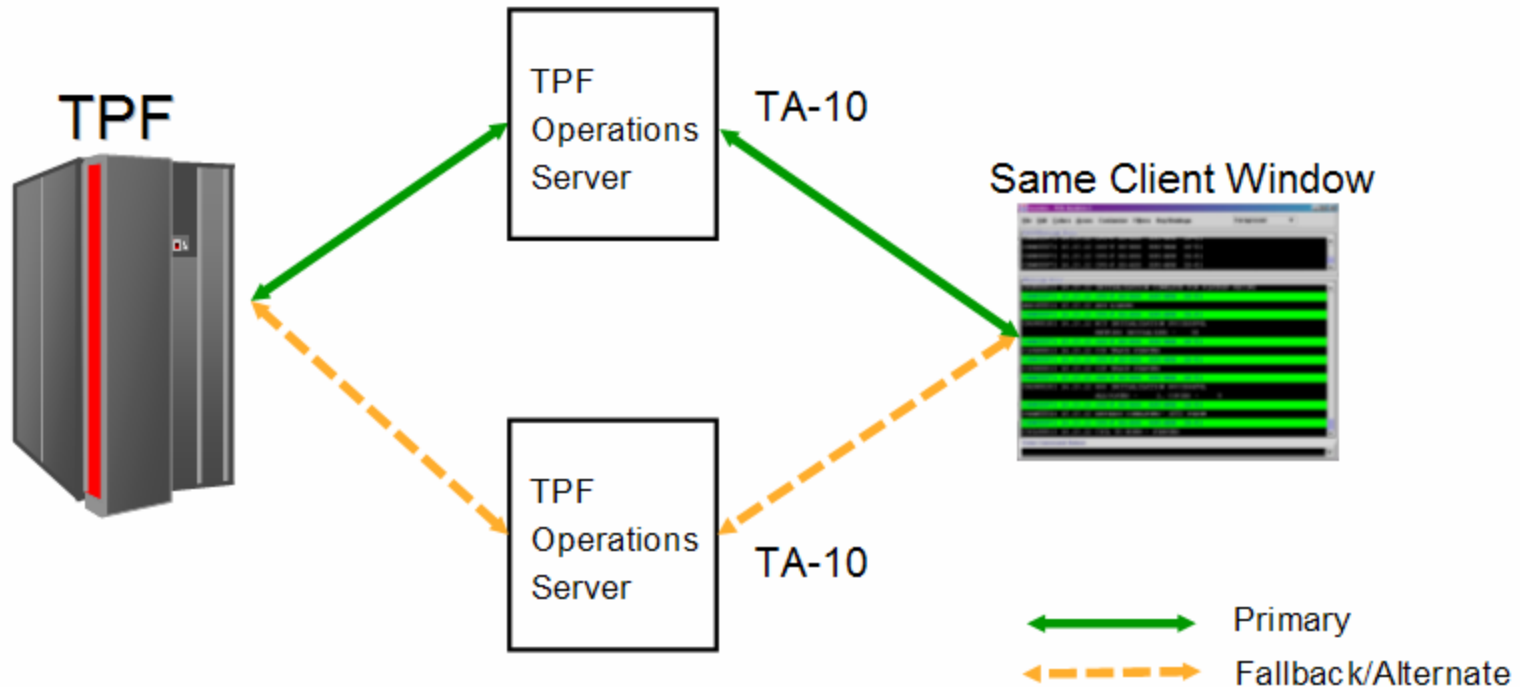
TPF Operations Server 1.2.06 Availability

- **TPF Operations Server V 1.2.06**
 - Planned Availability - November 2009
 - CD and softcopy/electronic delivery
 - Registration required to receive electronic delivery.
 - http://www.ibm.com/software/htp/tpf/pages/req_full.htm
- **Individual APARs available on the Web**
 - TPF -> SUPPORT -> MAINTENANCE
(<http://www.ibm.com/tpf/pages/maint.htm>)
 - APARs listed in the order closed
 - Unzip package and run TOSAPAR.BAT to apply.
- **Patch file containing all the latest closed APARs**
 - TOS_PATCH_Vnnnn_yyyymmdd.ZIP
 - Extract and run TOS_Patch.BAT

Software Levels

- **Windows XP Professional with Service Pack 3**
- **Windows Server 2003 with Service Pack 2**
- **Windows Server 2008**
- **Windows 7**
- **Luminex 3215 TPF Console Interface**
 - Version 1.08
- **IBM Personal Communications V 5.9**
 - Part of Host Access Client Package
- **DB2 V 9 tested with logging client**
- **Open Object REXX V 3.2**
 - <http://www.oorexx.org/>

Primary/Fallback Dual Connection with Matched TA



What's New in TOS1.2.06: Matched Terminal Address Feature

- **Guarantees dual connection to Primary & Fallback servers will use same terminal address (TA)**
 - Useful for security
- **Setup For TOS Consoles: Set in configuration file**
 - `connection.need_both=true`
 - `connection.terminaladdress=10` (example)
 - `connection.maxta=20` (example)
 - `connection.fbkterminaladdress=10` (example)
 - `connection.fbkmaxta=20` (example)
 - Primary and Fallback TA range must be same

What's New in TOS1.2.06: Matched Terminal Address Feature (continued)

- **Setup For Automation: Set on API open call**
 - API for Java: ETOSClient::Open
 - API for C++: ETOSClient::Open
 - API for REXX: ETOSR_Open
- **APIs open connection using parameters or session configuration file**

What's New in TOS1.2.06: Matched Terminal Address Feature (continued)

- **Automatic Reconnect with Matched TA Feature**
 - Primary and Fallback TA range will not be used on reconnect
 - Will only connect to last connected TA until retry decrements to zero.
 - Manually reconnecting will again use the full TA range.

What's New in TOS 1.2.06: TELNET Host Interface Updates

- **For OSA-ICC 3215**
- **Allow for delayed command responses during heavy console traffic.**
- **Dual connection clients will stay on primary connection if only OSA-ICC messages are coming from fallback (OSACxxxxx)**

Recent Maintenance

- **IC57076 – Add support for processor deactivate message PSMS0030I.**
 - See TPF 4.1 APAR PJ32872 or z/TPF APAR PJ34188 for more information on the message change.
- **IC60499 - Client connection improvements, including performance, within TOS Server**
- **IC61275 – TOSLOG command routing fix for commands with “TOSLOG” in the command text.**

TPF Operations Server Host Interfaces

- **3215 Console Support**
 - IBM 9663-001 (ESCON)
 - End of hardware support – December 2009
 - Driver not available on TPF Operations Server 1.2.06
 - V 1.2.05 drivers may be used with TOS 1.2.06
 - IBM OSA-ICC 3215 (Ethernet)
 - Luminex 3215 TPF Console Interface (ESCON)
 - HMC for manual fallback and test environment
- **3270 Console Support**
 - IBM OSA-ICC (Ethernet)
 - IBM 2074 (ESCON w/Ethernet to TOS)

OSA-ICC 3215 Support

- **Open System Adapter-Express Integrated Console Controller for 3215 Interface**
 - Publication number: SA23-2247-00
- **RPQ**
 - Currently available for z9
 - OSA-Express 2 (Hardware)
 - Planned Availability in Q4 2009 for z10
 - OSA-Express 2 and 3 (Hardware)
- **APAR IC54960** – TPF Operations Server Open Systems Adapter-Express Integrated Console Controller 3215 support

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