

z/TPF EE V1.1

z/TPFDF V1.1

TPF Toolkit for WebSphere® Studio V3

TPF Operations Server V1.2



IBM Software Group

TPF Users Group Spring 2006

TPF and z/TPF Requirements

TPFDF and z/TPFDF Requirements

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Venue: Requirements Subcommittee

AIM Enterprise Platform Software

IBM z/Transaction Processing Facility Enterprise Edition 1.1.0

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Agenda

- Definitions
- TPF and z/TPF Requirements
 - New Requirements from Fall 2005
 - Status Changes
 - Top Requirements – Fall 2005 Voting
 - Available / Accepted Requirements
- TPFDF and z/TPFDF Requirements
 - New Requirements from Fall 2005
 - Status Changes
 - Top Requirements – Fall 2005 Voting
 - Available / Accepted Requirements

TPF User Group Status Definitions

- **Accepted**
 - IBM intends to do this within 1 year.
- **Likely**
 - IBM intends to do this, but in a time frame greater than 1 year.
- **Not Likely**
 - While IBM believes the idea to be sound, we do not intend to do this in the foreseeable future.
- **Rejected**
 - IBM believes that the idea is unsound and does not recommend implementation by either IBM or end users and/or the idea is counter to future directions.

Note: A listing of all requirements and IBM status is available in the Requirements section of the TPFUG Web site (<http://www.tpfug.org>)

TPF and z/TPF Requirements

New Requirements from Fall 2005 Users Group

- D05001F – PDU Online Multiple Release Display Enhancement
– Likely.
- D05002F – Selective Recoup Test Option by SSU
– Likely.
- D05003F – Display of RATIO Dispensing Schedules
– Likely.
- D05004F – TPFSQL: Access TPF Relational Database via SQL
– Likely.

Status Changes

- O03001 – Enhance I/O Measurement Capabilities
 - Was: Likely.
 - Now: Available with PJ30979 on z/TPF PUT02.
- S99003 – Collect & Report Channel Utilization Data
 - Was: Likely.
 - Now: Available with PJ30979 on z/TPF PUT02.

Status Changes

- S01003 – Sub-second Event Timers
 - Was: Likely.
 - Now: Accepted.
- S03003 – Report Total & TPF LPAR CPU Utilization
 - Was: Accepted.
 - Now: Available with PJ30885 on z/TPF PUT02.

Status Changes

- S04001 – Ability to Load FCTB, RIAT & SIGT in NORM State
 - Was: Accepted.
 - Now: FCTB Loader available with PJ30739 after z/TPF PUT02. Need to load RIAT & SIGT reduced due to z/TPF functionality.
- D04004 – NORM State Reallocation Processing
 - Was: Accepted.
 - Now: Available with PJ30910 on z/TPF PUT02.

Status Changes

- D04007 – ZFILE Login / Logout
 - Was: Likely.
 - Now: Accepted.
- D04008 – TPF File System User ID / Password Administration
 - Was: Likely.
 - Now: Accepted.

Status Changes

- V05012 – Debugger: Viewing Initialization List
 - Was: Likely.
 - Now: Available with PJ31041 on TPF4.1 PUT20 and PJ30976 on z/TPF PUT02.

- DS04001 – FTP Client
 - Was: Likely.
 - Now: Accepted.

Status Changes

- S98003 – Convert Software Build/Load to USS/HFS
 - Was: Accepted.
 - Now: Available with z/TPF GA and PJ30594 on z/TPF PUT02.
- MQ05003 – MQSeries: Add Hostname Support for LOCALIP Field
 - Was: Likely.
 - Now: Accepted.

Status Changes

- MQ05004 – MQSeries: Add Port Range Support for LOCALIP Field
 - Was: Likely.
 - Now: Accepted.

- MQ05005 – MQSeries: Support for ZMQSC MIGRATE COMMIT by CPU
 - Was: Accepted.
 - Now: Withdrawn by Originator.

Status Changes

- V01018 – VATPF HELP System Installation on any Internet/Intranet Server Platform
 - Was: Likely.
 - Now: Not Likely.
- V05011 – Toolkit: Ability to Search Subfolders of Parent Folders
 - Was: Pending.
 - Now: Available with TPF Toolkit V3.0.

Top Communications / Distributed Systems Requirements

1. DS04001 – FTP Client
 - Accepted.
2. DS01006 – HTTP Client
 - Likely.
3. C03001 – Remove WGTA Dependency from MATIP Core Table Allocation
 - Likely.

There are a total of **5** requirements in this category.

Top Application / Languages Requirements

1. A04001 – SOAP Client Support on TPF
 - Likely.

There is a total of **1** requirement in this category.

Top Database Requirements

1. D04005 – File System Back-up & Restore Utility
 - Likely.
2. D05004F – TPFSQL: Access TPF Relational Database via SQL
 - Likely.
3. D05001F – PDU Online Multiple Release Display Enhancement
 - Likely.

There are a total of **14** requirements in this category.

Top Development Tools Requirements

1. V03001 – Provide Translation Tool to Convert Headers & DSECTs to XML
 - Likely.
2. V05005 – Toolkit: Provide Full HFS Access
 - Likely.
3. V05011 – Toolkit: Ability to Search Subfolders of Parent Folders
 - Available.

There are a total of **14** requirements in this category.

Top Control Pgm / Operations / Coverage Requirements

1. S99003 – Collect & Report Channel Utilization Data
 - Available.
2. O03001 – Enhance I/O Measurement Capabilities
 - Available.
3. S01003 – Subsecond Event Timers
 - Accepted.

There are a total of **17** requirements in this category.

Top MQSeries Requirements

1. MQ04010 – Support for MQ Ping
 - Likely.
2. MQ04005 – Remove Long Life ECBs for Server Channels
 - Not Likely.
3. MQ04008 – Add Message User Exits
 - Likely.

There are a total of **17** requirements in this category.

Newly Available Requirements

- S98003 – Convert Software Build/Load to USS/HFS
 - Available with z/TPF GA and PJ30594 on z/TPF PUT02.
- S99003 – Collect & Report Channel Utilization Data
 - Available with PJ30979 on z/TPF PUT02.
- S03003 – Report Total & TPF LPAR CPU Utilization
 - Available with PJ30885 on z/TPF PUT02.

Newly Available Requirements

- S04001 – Ability to Load FCTB in NORM State
 - Available with PJ30739 after z/TPF PUT02.
- D04004 – NORM State Reallocation Processing
 - Available with PJ30910 on z/TPF PUT02.
- V05012 – Debugger: Viewing Initialization List
 - Available with PJ31041 on TPF4.1 PUT20.
 - Available with PJ30976 on z/TPF PUT02.

Newly Available Requirements

- O03001 – Enhance I/O Measurement Capabilities
 - Available with PJ30979 on z/TPF PUT02.
- V05011 – Toolkit: Ability to Search Subfolders of Parent Folders
 - Available with TPF Toolkit V3.0.

Current Accepted Requirements – Accepted Spring 2005

- MQ04001 – MQSeries: Support for MQ Heartbeat
- MQ04002 – MQSeries: Shared Channel Support
- MQ04003 – MQSeries: Document Differences between TPF MQSeries & Other Platforms
- MQ04006 – MQSeries: Add Support for MQ SSL
- MQ04007 – MQSeries: Add Support for AdoptNewMCA for MQ Receiver Channels

Current Accepted Requirements – Accepted Spring 2006

- S01003 – Sub-second Event Timers
- D04007 – ZFILE Login / Logout
- D04008 – TPF File System User ID / Password Administration
- DS04001 – FTP Client

Current Accepted Requirements – Accepted Spring 2006

- MQ05003 – MQSeries: Add Hostname Support for LOCALIP Field
- MQ05004 – MQSeries: Add Port Range Support for LOCALIP Field

TPFDF and z/TPFDF Requirements

New Requirements from Fall 2005 Users Group

- DF05180F – New String Key Feature
 - Not likely (ranked #24)
- DF05181F – Implement UNDO Feature in ZUDFM Package
 - Not likely (ranked #12)
- DF05182F – Export LRECs to XML Format
 - Likely

New Requirements from Fall 2005 Users Group

- DF05183F – Import XML InfoNode Trees into LRECs
 - Not likely (ranked #19)
- DF05184F – DFSQL: Access DF Database via External SQL Commands
 - Likely - Service Data Objects (SDO) under investigation as a more viable alternative

Status Changes

- DF00073 – De-index child files should be automatic if empty
 - Was: Likely
 - Now: Accepted for new z/TPFDF databases
- DF00020 - TPFDF should provide improved error handling capabilities
 - Was: Accepted
 - Now: Available for z/TPFDF
 - APAR PK20132 on z/TPFDF PUT 2
 - Co-requisite APAR PJ30993 on z/TPF PUT 2

Top Requirements – Fall 2005 Voting

1. DF00152 – TPFDF C API Improvements
 - Likely.
2. DF00153 – TPFDF C++ API
 - Likely.
3. DF00177 – Mechanism for Detecting Long TPF Record Chains
 - Likely.

Total of 56 TPFDF requirements

Newly Available Requirements

- DF00020 - TPFDF should provide improved error handling capabilities
 - Available with PK20132 on z/TPFDF PUT 2
 - Co-requisite APAR PJ30993 on z/TPF PUT 2

Accepted Requirements

- DF00073 – Deindex child files should be automatic if empty
 - Accepted Spring 2006 for new z/TPFDF databases

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