

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 2007

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 2006
 - Status Changes
 - Top Requirements – Fall 2006 Voting
 - Accepted Requirements
- TPFDF and z/TPFDF Requirements
 - New Requirements from Fall 2006
 - Status Changes
 - Top Requirements – Fall 2006 Voting
 - 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.
 - Note that most TPF 4.1 and TPFDF 1.1.3 requirements are “Not Likely” (exceptions will be noted)
- **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 2006 Users Group

- S06002F – Display Event Table
 - Available (PJ31270 on z/TPF PUT03).
- S06003F – Dynamic IOCP Support
 - Likely
- S06004F – Display CRET Table Current & Highest In-use Percents
 - Likely.
- D06001F – Dynamic Data Base Reorganization
 - Likely.

New Requirements from Fall 2006 Users Group

- D06002F – Offline FACE Table Comparison Tool
 - Likely.
- D06003F – Logical Device Support
 - Likely.
- D06004F – Online DASD Formatter
 - Likely.
- D06005F – TPF Metadata Online
 - Likely.

New Requirements from Fall 2006 Users Group

- C06004F – Remove the Potential for SSL to Cause an Outage
 - Available/Rejected.
 - Part 1: Change SSL code to no longer be exempt from CTL-10 processing is available in the base z/TPF product.
 - Part 2: Change the SSL tables to be in non-protected storage is rejected (would increase the likelihood of corruption & outages).
- V06009F – Toolkit: Override for User Unique Macro Definitions
 - Likely.
- V06010F – Toolkit: Provide Negative Filter Capability
 - Likely.

New Requirements from Fall 2006 Users Group

- V06011F – Toolkit: Allow Comments in Concatenation Files
 - Likely.
- V06012F – Toolkit: Provide Project Rename User Exit
 - Likely.
- V06013F – Debugger: Global Symbol Pointer List
 - Likely.
- V06014F – Debugger: Global Symbol Reference String
 - Likely.

New Requirements from Fall 2006 Users Group

- V06015F – Debugger: Preset Breakpoints
 - Likely.
- V06016F – Debugger: TPF Transaction Data Views
 - Accepted for TPF4.1 and z/TPF.
- V06017F – Performance Analyzer: Provide Additional Resource Utilization
 - Likely.

Status Changes

- D04005 – File System Backup & Restore Utility
 - Was: Accepted.
 - Now: Available with TAR APAR (PJ31597 on z/TPF PUT04).
- D04006 – Support TAR Functionality on TPF
 - Was: Accepted.
 - Now: Available with PJ31597 on z/TPF PUT04.

Status Changes

- D05002F – Selective Recoup Test Option by SSU
 - Was: Likely.
 - Now: Accepted for z/TPF.
- V05002 – Toolkit: Create Project from RSE Display
 - Was: Likely.
 - Now: Accepted.

Status Changes

- V06001S – Debugger: Display TPFDF Logical Records
 - Was: Pending.
 - Now: Likely.

- V06002S – Toolkit: Menu Options Should be in Prime Menu Expansions
 - Was: Likely.
 - Now: Accepted.

Status Changes

- V06005S – Toolkit: RSE Accessibility to Memory Maps
 - Was: Likely.
 - Now: Accepted.
- V06006S – Performance Analyzer: Use Same Compiler Options as the Debugger
 - Was: Pending.
 - Now: Available in the base z/TPF product.

Status Changes

- V06007S – Toolkit: Trace Files Merge Tool
 - Was: Likely.
 - Now: Accepted.
- MQ06004S – Add Support for Channel Sequence Number Synchronization
 - Was: Pending.
 - Now: Available with PJ31240 on TPF4.1 PUT21 and PJ31241 on z/TPF PUT03.

Top Communications / Distributed Systems Requirements

z/TPF Results

1. C06003S – Offline IP Trace Enhancement (Likely)
2. C06004F – Remove Potential for SSL to Cause an Outage (Available/Rejected)
3. C03001 – Remove WGTA Dependency from MATIP Core Table Allocation (Likely)

TPF4.1 Results

1. C06003S – Offline IP Trace Enhancement
2. C06004F – Remove Potential for SSL to Cause an Outage
3. C06001S – Movable VIPA Monitor

There are a total of **4** requirements in this category.

Top Applications / Languages Requirements

z/TPF Results

1. A04001 – SOAP Client (Likely)
2. L01002 – Provide Source for Critical OCO Segments (Rejected)

TPF4.1 Results

1. A04001 – SOAP Client
2. L01002 – Provide Source for Critical OCO Segments

There are a total of **2** requirements in this category.

Top Database Requirements

z/TPF Results

1. D06001F – Dynamic Data Base Reorganization (Likely)
2. D05001F – PDU Online Multiple Release Display Enhancement (Likely)
3. D06004F – Online DASD Formatter (Likely)

TPF4.1 Results

1. D06001F – Dynamic Data Base Reorganization
2. D05001F – PDU Online Multiple Release Display Enhancement
3. D04002 – Collection Support Datastore Analysis

There are a total of **13** requirements in this category.

Top Control Pgm / Operations / Coverage Requirements

z/TPF Results

1. S99008 – Measuring Usage of EVENT Processing (Likely)
2. S98009 – Improve TMSLC & LODIC Usage Report (Likely)
3. S06003F – Dynamic IOCP Support (Likely)

TPF4.1 Results

1. S99008 – Measuring Usage of EVENT Processing
2. S06003F – Dynamic IOCP Support
3. S06001S – z/TPF Migration Mode Support

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

Top MQSeries Requirements

z/TPF Results

1. MQ06002S – Message Translation by Queue Manager (Likely)
2. MQ05001 – Communications Trace Enhancements (Likely)
3. MQ04010 – Support for MQ Ping (Likely)

TPF4.1 Results

1. MQ06002S – Message Translation by Queue Manager
2. MQ04005 – Remove Long Life ECB for Server
3. MQ05001 – Communications Trace Enhancements

There are a total of **19** requirements in this category.

Top Development Tools Requirements

1. V03001 – Toolkit: Translation DSECT or HEADER in XML (Likely)
2. V06017F – Performance Analyzer: Provide Additional Resource Utilization (Likely)
3. V06001S – Debugger: Display TPFDF Logical Records (Likely)

There are a total of **25** requirements in this category.

Accepted Requirements

- MQ04003 – MQSeries: Document Differences between TPF MQSeries & Other Platforms
- MQ04006 – MQSeries: Add Support for MQ SSL
- S96003 – Save Channel Commands in LDEV Trace
- D05002F - Selective recoup test option by SSU
- D05004F – TPFSQL – Access TPF Relational DB via SQL
- DS01006 – HTTP Client

Accepted Requirements

- V05002 - Toolkit: Create Project from RSE Display
- V06002S - Toolkit: Menu options should be in prime menu expansions
- V06005S - Toolkit: RSE Accessibility to Memory Maps
- V06007S - Toolkit: Trace Files Merge Tool
- V06007F - Debugger: TPF Transaction data views

TPFDF and z/TPFDF Requirements

New Requirements from Fall 2006 Users Group

- DF06185F – Always Open TPFDF File
 - Accepted for z/TPFDF

Status Changes

- DF00158 – CRUISE should allow for multiple SSUs
 - Was: Likely
 - Now: Accepted for z/TPFDF
- DF00079 – Support in-core records for performance
 - Was: Not likely
 - Now: Likely

Status Changes

- DF06185F – Always open TPFDF file
 - Was: New
 - Now: Accepted for z/TPFDF
- DF00098 – TPFDF should support GDS
 - Was: Not likely
 - Now: Likely

Top Requirements – Fall 2006 Voting

z/TPFDF Results

1. DF00152 – TPFDF C API improvements (Likely)
2. DF00153 – TPFDF C++ API (Likely)
3. DF00158 – CRUISE should allow for multiple SSUs (Accepted)

TPFDF Results

1. DF00152 – TPFDF C API improvements
2. DF00153 – TPFDF C++ API
3. DF00165 – Integrate TPFDF Collection and Reporting

Total of 25 TPFDF and z/TPFDF requirements

Accepted Requirements for z/TPFDF

- DF00158 – CRUISE should allow for multiple SSUs
- DF06185F – Always open TPFDF file

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