



z/TPF V1.1

TPF Users Group Fall 2007

Title:

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 Spring 2007
 - Status Changes
 - Top Requirements – Spring 2007 Voting
 - Accepted Requirements
- **TPFDF and z/TPFDF Requirements**
 - New Requirements from Spring 2007
 - Status Changes
 - Top Requirements – Spring 2007 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 Spring 2007 Users Group

- **D07001S – Online Tool for Multiple Releases of Long Term Pool Records**
 - Likely
- **D07002S – Release File Processing Enhancements**
 - Likely
- **D07003S – API for RELFC to Support Record ID Parameter**
 - Likely

New Requirements from Spring 2007 Users Group

- **V07001S – TPF Toolkit: Support RSE Server Timeout**
 - Likely
- **O07001S – Tivoli Enterprise Portal (TEP) for Continuous Data Collection (CDC)**
 - Accepted
- **O07002S – Real Time Resource Usage Analysis**
 - Likely

Status Changes

- **DS01006 – HTTP Client**
 - Was: Accepted.
 - Now: Available with PJ32013 on z/TPF.

- **S06004F – Display CRET Table Current & Highest In-Use Percents**
 - Was: Likely.
 - Now: Available with PJ31925 on z/TPF.

Status Changes

- **S99007 – Time Out Waiters in Event Processing**
 - Was: Not Likely.
 - Now: Available with PJ31925 on z/TPF.

- **D05002F – Selective Recoup Test Option by SSU**
 - Was: Accepted.
 - Now: Available with PJ31955 on z/TPF.

Status Changes

- **D05004F – TPFSQL – Access TPF Relational DB via SQL**
 - Was: Accepted.
 - Now: Available with PJ31639 on z/TPF.

- **D06004F – Online DASD Formatter**
 - Was: Likely.
 - Now: Accepted.

Status Changes

- **V03001 – TPF Toolkit: Translate DSECT or Header in XML**
 - Was: Likely.
 - Now: Available in part. DSECT support available with PJ32242 on TPF4.1 & PJ31440 on z/TPF. (Header support still likely).

- **V05002 – TPF Toolkit: Create Project from RSE Display**
 - Was: Accepted.
 - Now: Available in TPF Toolkit 3.2.

Status Changes

- **V06001S – Debugger: Display TPFDF Logical Records**
 - Was: Likely.
 - Now: Available with PJ32240 on TPF4.1 & PJ32221 on z/TPF.

- **V06002S – TPF Toolkit: Menu Options should be in Prime Menu Expansion instead of “Other”**
 - Was: Accepted.
 - Now: Available in TPF Toolkit 3.2.

Status Changes

- **V06005S – TPF Toolkit: RSE Accessibility to Memory Maps**
 - Was: Accepted.
 - Now: Available in TPF Toolkit 3.2.

- **V06007S – TPF Toolkit: Trace Files Merge Tool**
 - Was: Accepted.
 - Now: Available in TPF Toolkit 3.2.

Status Changes

- **V06011F – TPF Toolkit: Allow Comments in Concatenation Files**
 - Was: Likely.
 - Now: Available in TPF Toolkit 3.0.11 & 3.2.3.

- **V06016F – Debugger: TPF Transaction Data Views**
 - Was: Accepted.
 - Now: Available with PJ31891 & PJ32240 on TPF4.1 and PJ31890 & PJ32221 on z/TPF.

Status Changes

- **O00014 – Functional Entry Enhancements**
 - Was: Likely.
 - Now: Available in part. These additional enhancements available with PJ31925 on z/TPF:
 - Display the Minute or Second CRET Table
 - Add a Program to the Minute or Second CRET Table
 - Selective Record Copy
 - Display a Module Queue
 - ZIFIL Option to Write Records to Tape Prior to Altering

Top Communications / Distributed Systems Requirements

z/TPF Results

1. C06003S – Offline IP Trace Enhancement (Likely)
2. C03001 – Remove WGTA Dependency from MATIP Core Table Allocation (Likely)
3. C06001S – Movable VIPA Monitor (Likely)

TPF4.1 Results

1. C06003S – Offline IP Trace Enhancement
2. C06001S – Movable VIPA Monitor
3. C03001 – Remove WGTA Dependency from MATIP Core Table Allocation

There are a total of 3 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. D06004F – Online DASD Formatter (Accepted)
3. D04009 – TPF File System Quota Limits & Monitoring (Likely)

TPF4.1 Results

1. D06001F – Dynamic Data Base Reorganization
2. D04009 – TPF File System Quota Limits & Monitoring
3. D06004F – Online DASD Formatter

There are a total of 15 requirements in this category.

Top Control Pgm / Operations / Coverage Requirements

z/TPF Results

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

TPF4.1 Results

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

There are a total of 15 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. MQ04005 – Remove Long Life ECB for Server (Not 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 18 requirements in this category.

Top Development Tools Requirements

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

There are a total of 20 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**
- **O07001S – Tivoli Enterprise Portal (TEP) Client for CDC**
- **D06004F – Online DASD Formatter**

TPFDF and z/TPFDF Requirements

New Requirements from Spring 2007 Users Group

- **None**

Status Changes

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

Status Changes

- **DF06185F – Always open TPFDF file**
 - Was: New.
 - Now: Accepted.
- **DF00098 – TPFDF should support GDS**
 - Was: Not likely.
 - Now: Likely.

Top Requirements – Spring 2007 Voting

z/TPFDF Results

1. DF00152 – TPFDF C API improvements (Likely)
2. DF00153 – TPFDF C++ API (Likely)
3. DF00165 – Integrate TPFDF collection and reporting (Likely)

TPFDF Results

1. DF00152 – TPFDF C API improvements
2. DF00153 – TPFDF C++ API
3. DF00177 – Detection of long record chains

Total of 25 TPFDF and z/TPFDF requirements

Accepted Requirements

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