



z/TPF V1.1

# TPF Users Group Fall 2008

## Title: z/TPF, z/TPFDF and TPF Toolkit 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**
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  - IBM Status of Top Requirements – Spring 2008 Voting
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- **z/TPFDF Requirements**
  - New Requirements from Spring 2008
  - Status Changes
  - IBM Status of Top Requirements – Spring 2008 Voting
  - Summary of 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>)

# z/TPF & TPF Toolkit Requirements

## New Requirements from Spring 2008 Users Group

- **D08001S – Pool Directory Cycle Information**
  - Likely
- **D08002S – RELFC API for all DB managers**
  - Likely
- **D08004S – TPF File System Diagnostic Tool**
  - Accepted

## New Requirements from Spring 2008 Users Group

- **D08005S – TPFCS maintenance & diagnostic tool enhancements**
  - Likely
- **V08057S – Debugger: Trace all macros**
  - Available with PJ33189 on z/TPF

## New Requirements from Spring 2008 Users Group

- **V08003S – Toolkit: Display canonical path in navigator perspective**
  - Accepted
- **V08029S – Toolkit: JAVA API for issuing debug command**
  - Not Likely (not suited to an end user JAVA API; will work with submitter to provide similar support)
- **V08051S – Toolkit: Online search**
  - Likely

## New Requirements from Spring 2008 Users Group

- **V08001S – Debugger: Transaction trapping**
  - Accepted
- **V08002S – Debugger: Diagnostics & status**
  - Accepted
- **V08004S – Debugger: User's guide**
  - Accepted



## New Requirements from Spring 2008 Users Group

- **V08007S – Debugger: Create ECB**
  - Accepted
- **V08009S – Debugger: ALASC view**
  - Accepted
- **V08011S – Debugger: DETAC view**
  - Accepted

## New Requirements from Spring 2008 Users Group

- **V08015S – Debugger: Macro breakpoint selection**
  - Accepted
- **V08018S – Debugger: Program data breakpoints**
  - Accepted
- **V08020S – Debugger: Register breakpoints**
  - Accepted

## New Requirements from Spring 2008 Users Group

- **V08030S – Debugger: Parent/Child ECB control**
  - Accepted
- **V08031S – Debugger: Malloc view**
  - Accepted
- **V08048S – Debugger: Trace record**
  - Accepted

## New Requirements from Spring 2008 Users Group

- **V08055S – Debugger: TPFDF macro breakpoints**
  - Accepted
- **V08058S – Debugger: Retry system error**
  - Accepted
- **V08061S – Debugger: External ADATA**
  - Accepted

# New Requirements from Spring 2008 Users Group

- **V08062S – Debugger: Source line breakpoint in any module**
  - Accepted
- **V08008S – Debugger: Transaction flow view**
  - Likely
- **V08042S – Debugger: Compare core/file**
  - Likely

# New Requirements from Spring 2008 Users Group

- **V08052S – Debugger: Branch indicator**
  - Likely
- **V08054S – Debugger: Assembler operands display**
  - Likely
- **V08038S – Debugger: MQ view**
  - Not Likely (no function to display the content of MQ queues)

# New Requirements from Spring 2008 Users Group

- **V08044S – Debugger: Preset breakpoints**
  - Not Likely (module name not available)
- **V08053S – Debugger: True/False indicator**
  - Not Likely (very complex; user can take a ‘step’ to see the result)
- **V08019S – Debugger: Reference breakpoints**
  - Pending further investigation

## New Requirements from Spring 2008 Users Group

- **V08059S – Debugger: ECB access mapping**
  - Pending further investigation



# Status Changes

- **V07008F – Debugger: Transaction Trapping Options**
  - Was: Pending debugger task force work.
  - Now: Accepted.
  
- **V07009F – Debugger: Trace run slow**
  - Was: Pending debugger task force work.
  - Now: Likely.

# Status Changes

- **V07010F – Debugger: Trace record**
  - Was: Pending debugger task force work.
  - Now: Accepted.
  
- **V07012F – Debugger: Fast debug**
  - Was: Pending debugger task force work.
  - Now: Available with various deliverables (z/TPF GA, PJ33189).

## Status Changes

- **V07013F – Debugger: Diagnostics & error messages**
  - Was: Pending debugger task force work.
  - Now: Accepted.
  
- **V06012F – Toolkit: Project rename user exit**
  - Was: Likely.
  - Now: Accepted.

## Status Changes

- **D06004F – Online DASD formatter**
  - Was: Accepted.
  - Now: Available with PJ32688.
  
- **D07001S – Multiple release detection**
  - Was: Accepted.
  - Now: Available with PJ32792.

## Status Changes

- **D07003S – API for RELFC to add record ID parameter**
  - Was: Accepted.
  - Now: Available with PJ32792.
  
- **D07005F – GETFC abuse detection**
  - Was: Accepted.
  - Now: Available with PJ32792.

## Status Changes

- **D06002F – Offline FACE table comparison tool**
  - Was: Likely.
  - Now: Accepted.
  
- **D06003F – Logical device support**
  - Was: Likely.
  - Now: Accepted.

# Status Changes

- **D06005F – TPF metadata online**
  - Was: Accepted.
  - Now: Available with PK60030 on z/TPFDF & PJ32720 on z/TPF.

# IBM Status of Top Communications / Distributed Systems Requirements

- 1) **C06001S – Movable VIPA monitor**
  - Not Likely
  
- 2) **C03001 – Remove WGTA dependency from MATIP core table allocation**
  - Not Likely

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



# IBM Status of Top Database Requirements

- 1) D06001F – Dynamic database reorganization**
  - Likely
- 2) D08001S – Pool directory cycle information**
  - Likely
- 3) D04009 – TPF file system quota limits & monitoring**
  - Likely

**There are a total of 16 requirements in this category.**

# IBM Status of Top Control Pgm / Operations / Coverage Requirements

- 1) S99008 – Measuring Usage of Event Processing**
  - Not Likely
- 2) O00014 – Functional entry enhancements**
  - Likely
- 3) S98009 – Improve TMSLC & LODIC usage reporting**
  - Not Likely

**There are a total of 12 requirements in this category.**

# IBM Status of Top MQSeries Requirements

- 1) MQ07001F – Support for Websphere MQ v.6 monitoring functions for queues & channels**
  - Likely
- 2) MQ04010 – MQ ping**
  - Not Likely
- 3) MQ04008 – Message user exit**
  - Likely

**There are a total of 20 requirements in this category.**

# IBM Status of Top Development Tools Requirements

- 1) **V07012F – Debugger: Fast debug**
  - Available
- 2) **V07008F – Debugger: Transaction trapping options**
  - Accepted
- 3) **V07010F – Debugger: Trace record**
  - Accepted

**There are a total of 50 requirements in this category.**

## Summary of Accepted Requirements

- **DS07001F – TPF client application service consumer support**
- **A04001 – SOAP client support on TPF**
- **MQ04006 – Add support for MQ SSL**
- **O07001S – Tivoli Enterprise Portal (TEP) client for CDC**
- **D06002F – Offline FACE table comparison tool**

## Summary of Accepted Requirements

- **D06003F – Logical device support**
- **D08004S – TPF file system diagnostic tool enhancements**
- **V06009F – Toolkit: Override for user unique macro definitions**
- **V06012F – Toolkit: Project rename user exit**
- **V07003F – Toolkit: 3-way merge tool**

## Summary of Accepted Requirements

- **V07004F – Toolkit: SSH timeout value preference**
- **V07005F – Toolkit: Additional HFS file data**
- **V07007F – Toolkit: Auto save files on compile actions**
- **V08003S – Toolkit: Display canonical path in navigator perspective**

## Summary of Accepted Requirements

- **V07008F – Debugger: Transaction trapping options**
- **V07010F – Debugger: Trace Record**
- **V07013F – Debugger: Diagnostics & error messages**
- **V08001S – Debugger: Transaction trapping**
- **V08002S – Debugger: Diagnostics & status**



## Summary of Accepted Requirements

- **V08004S – Debugger: User's guide**
- **V08007S – Debugger: Create ECB**
- **V08009S – Debugger: ALASC view**
- **V08011S – Debugger: DETAC view**
- **V08015S – Debugger: Macro breakpoint selection**

## Summary of Accepted Requirements

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## Summary of Accepted Requirements

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- **V08058S – Debugger: Retry system error**
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- **V08062S – Debugger: Source line breakpoint in any module**

# z/TPFDF Requirements

# New Requirements from Spring 2008 Users Group

- **The following are all marked “likely”:**
  - DF08186S - TPFDF Support for Processor Unique Structures
  - DF08187S - TPFDF Display Command Directed to the TPF File Systems
  - DF08188S - TPFDF CRUISE: Provide Additional TARGET Options for Capture
  - DF08189S - RELFC API for TPFDF

## Status Changes

- **DF00098 – TPFDF should support GDS**
  - Was: Likely.
  - Now: Not Likely.
- **DF00178 – TPFDF should have user exits for all API commands**
  - Was: Likely.
  - Now: Not Likely.

## Status Changes

- **DF00177 – TPFDF or online pools package should provide a mechanism for detecting long TPF record chains**
  - Was: Accepted.
  - Now: Available with PK69613.
- **DF00158 – CRUISE should allow for multiple SSUs**
  - Was: Accepted.
  - Now: Available with PK59957.

## IBM Status of Top z/TPFDF Requirements

- 1) DF00165 – Integrate TPFDF Data Collection and reporting**
  - Likely
- 2) DF00152 – TPFDF C API improvements**
  - Likely
- 3) DF00153 – TPFDF C++ API**
  - Not Likely

**There are a total of 23 requirements in this category.**



## Summary of Accepted Requirements

- **DF00079 – Support in-core records for performance**
  - Accepted for memory based z/TPFDF structures

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