



## Run Recoup on Fenced I-Streams

Presenter: Mike Shershin



Leverage Dynamic CPU fenced I-streams to decrease the time it takes to run the Recoup utility and do so without impacting transactional workload

## z/TPFDF Support for Recoup Optimized Chain Chase

Presenter: Chris Filachek

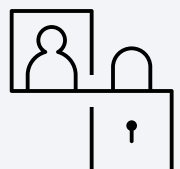


Reduce the time it takes to Recoup a z/TPFDF database by over 90% using the Recoup Optimized Chain Chase (ROC) option for an indexed databases with a large amount of single-record detail subfiles

Grow a z/TPFDF indexed database to 100 billion or more single-record detail subfiles and still Recoup that DB in less than 1 hour

## z/TPF Support for MongoDB: User Management Enhancements

Presenter: Claire Durant



### Individual role management commands

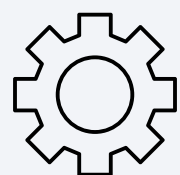
Easily grant or revoke a MongoDB remote user's access to a particular collection

Delivered with **PJ46331**



## Guaranteed Delivery for JVM Services using z/TPFDF Queue Support

Presenter: Dan Gritter

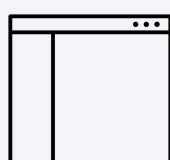


Use guaranteed delivery service  
via a single function call

Reach rates of 30,000 messages per  
second when publishing messages  
whose size is under 4K

## Java Performance Enhancements

Presenter: Jim Johnston



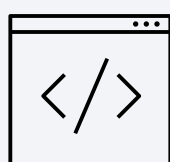
Reduced time and resource  
consumed when starting or  
restarting a JVM

Reduced memory requirements  
for z/TPF when using Java  
support

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## Compiler Roadmap

Presenter: JT Plotzke



**PJ45408** - GCC 7 support

**PJ45799** - Selectively skip  
function trace support

**PJ46042** - tpf-17r1-2 not  
backwards compatible

**PJ46318** - ICE uncovered in tpf-17r1-3

**PJ46408** - Prebuilt tpf-17-r1-4  
incompatible with many Linux on Z  
systems