z/TPF Enhancements

TPF Development Lab

System Control Program
March 10, 2014

TPFUG
Washington, D.C.

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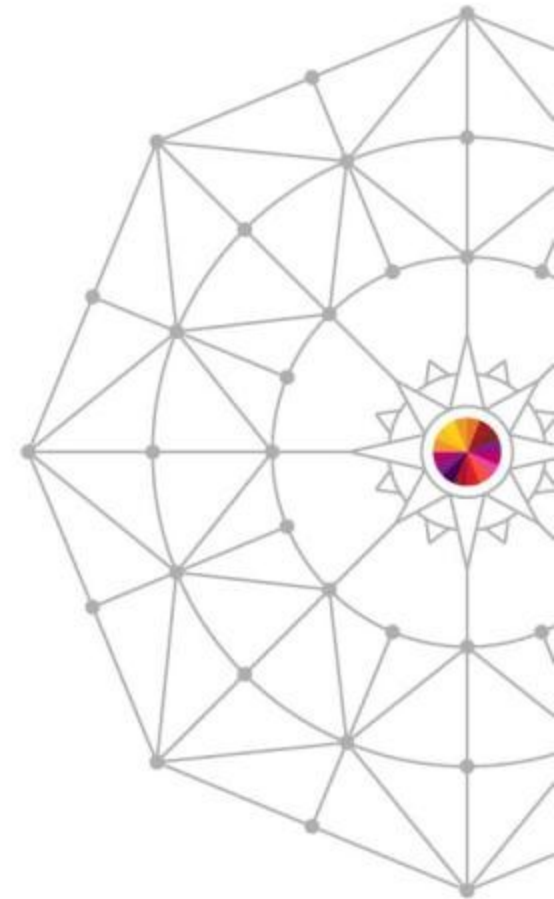
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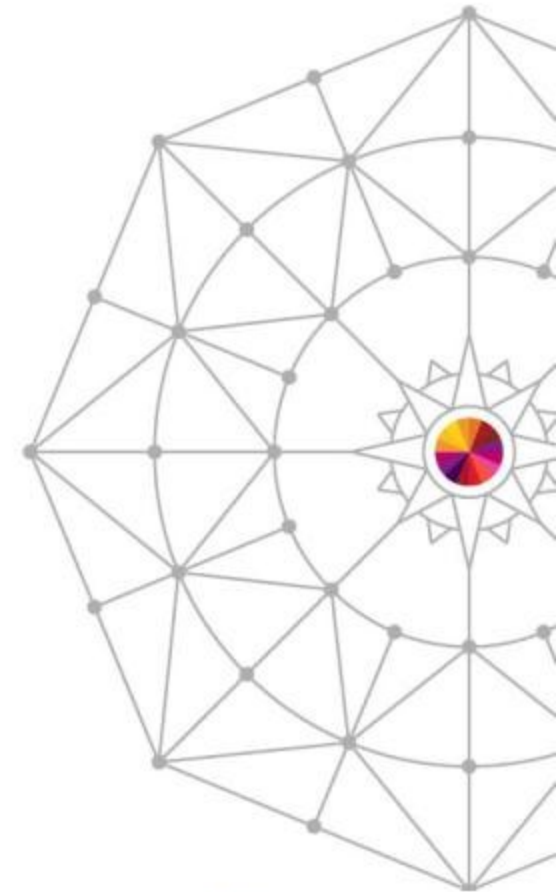
ECB Resource Monitor – PJ40979

- Named limit sets
  - Multiple sets of ECB resource limits
  - Identified by unique names
  - Application can choose limit set by name through new API

- Actions by resource type
  - Each resource can have a different action than system default action

- Query resource counts
  - Application can query resource counts for current ECB through new API
  - Use with APIs to query and set resource limits

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Dump Enhancements – PJ41022

- Option to write restart dump to DBA or tape
  - Controlled via SIP option
- New NODISMOUNT parameter on ZPSMS
  - Does not dismount tapes

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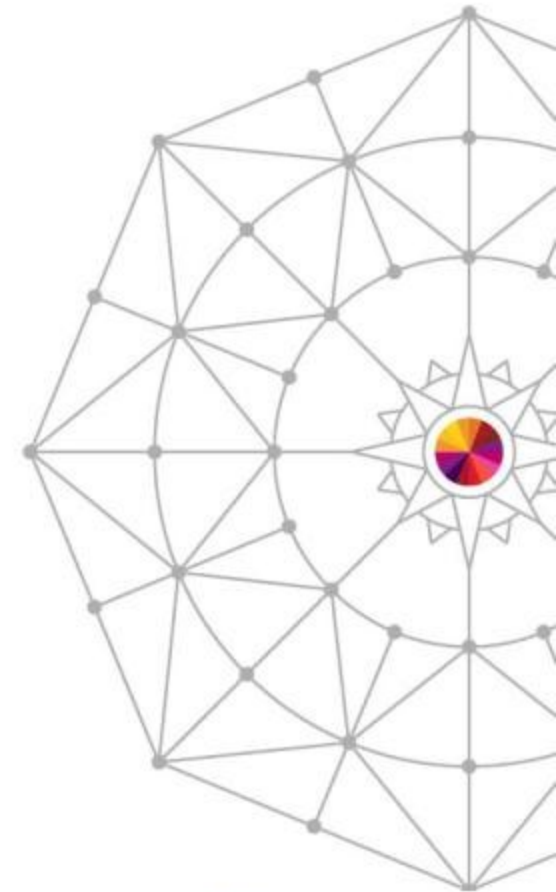
ODBR Enhancements – Multiple APARs

- Allow "moving from" areas to be redefined as IFORMAT (areas to be formatted)
- Additional information ZODBR displays
  - Better track ODBR progress
  - More information on status of individual areas being moved
- New parameter ACT-YES/NO on ZDFCT
  - Display information from inactive FCTBs
- Improve performance of ZODBR LOAD process
 - Multiple ECBs used during track format validation

Business Event Enhancements – PJ41088

- Data Reduction
  - New Business Event Summary report
- CDC Updates
  - Usage information on common deployment descriptors
- Additional error handling support
  - Optional error queue
  - Optional error program

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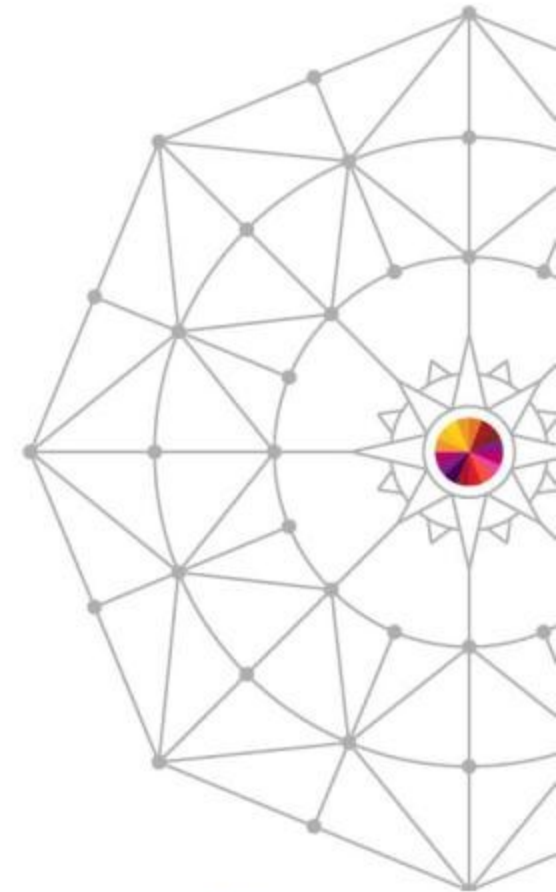
Statistics by ECB Owner Name – PJ41593

- Identify which owner names to collect for
- At ECB exit, ECB counts added to system counts organized by owner name
- Counts include
  - ECB existence time
  - Find/File counts
  - ECB resource monitor counts
- Accumulated counts exported via ZMOWN command
  - Exported as csv file in file system

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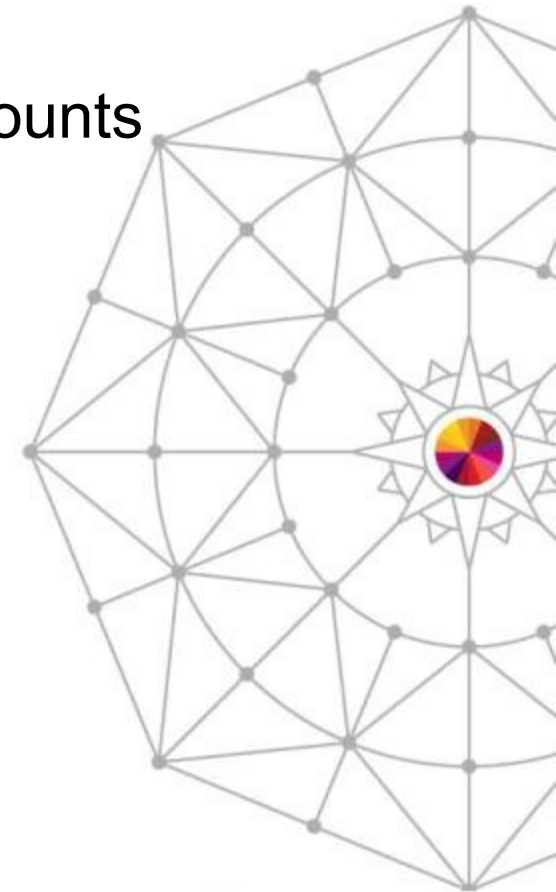
Some Futures

- FARF6
  - Additional pool types
  - Fixed file
- High performance logging
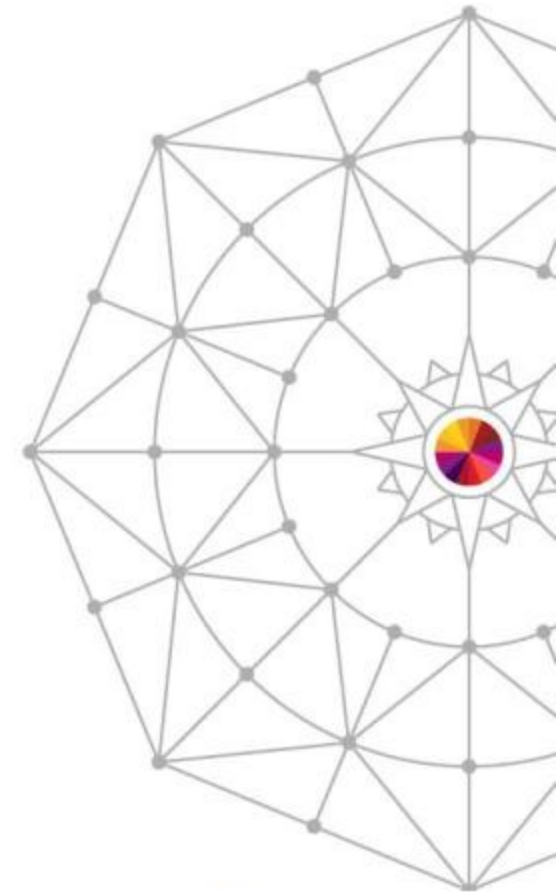
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