



Pivotor Power Pointers for Busy Performance People



Peter Enrico & Scott Chapman

Enterprise Performance Strategies, Inc.

performance.questions@epstrategies.com



EPS: We do z/OS performance...



- Pivotor - Reporting and analysis software and services
 - Not just reporting, but analysis-based reporting based on our expertise
- Education and instruction
 - We have taught our z/OS performance workshops all over the world
- Consulting
 - Performance war rooms: concentrated, highly productive group discussions and analysis
- Information
 - We present around the world and participate in online forums
<https://www.pivotor.com/content.html>

Upcoming Webinars



- Free z/OS Performance Educational webinars!
 - The titles for our Spring / Summer 2025 webinars are as follows:
 - *Back to basics - Processor Consumption Analysis*
 - *WLM and CPU Critical Control*
 - **Pivotor Pointers**
 - *Back to Basics - Evaluating Latent Demand*
 - *Understanding SMF 98 Locking Measurements*
 - *Overseeing z/OS Performance Management With Your Outsourcer*
 - *Standard Measurements when Monitoring Transactions*
 - *Processor Comparison Discussion*
 - *z/OS Performance Management in an AI World*
 - *Understanding z/Architecture Processor Topologies*
 - *SMF 99 WLM Decision Making Traces*
 - *Understanding SMF 98 Address Space Consumption Measurements*
- If you want a free cursory review of your environment, let us know!
 - We're always happy to process a day's worth of data and show you the results
 - See also: <http://pivotor.com/cursoryReview.html>

Upcoming z/OS Performance workshops



During these workshops you will be analyzing your own data!

- WLM Performance and Re-evaluating Goals
 - May 12 – May 16, 2025 (4 days)
- Parallel Sysplex and z/OS Performance Tuning
 - July 15-16, 2025 (2 days)
- Essential z/OS Performance Tuning
 - September 22-26, 2025 (4 days)
- Also... please make sure you are signed up for our free monthly z/OS educational webinars! (email contact@epstrategies.com)

What is Pivotor?



- Pivotor is our data reporting tool & service designed specifically for z/OS performance reporting
 - Designed and used daily by z/OS performance experts
 - Processes data from SMF, DCOLLECT, IMS Logs, and other sources
 - Designed to be easy to use: make it easier to review & understand z/OS performance
 - Designed to be easy to manage: just (S)FTP(S) the data to us
- We believe Pivotor is the best way to explore your z/OS Performance data
 - And it can even report on your own custom data too—e.g. report on your business metrics or application data as well

What Pivotor is not...



- A real time monitor
 - Although for a small extra cost, we can process data hourly
- A modeling tool
 - Recommendation: Use IBM's free zPCR to investigate possible upgrades
- Reporter for every single SMF record
 - Although we do cover all the major (and many minor) ones you need for z/OS performance management
- A tool that requires you to create your own reports
- A tool that requires other licensed software
- Complicated and difficult to use
 - Yes, there are a lot of reports because... z/OS is complicated
- Expensive
 - Feedback is that we're very attractively priced

How do you spell that?



~~Pivitor~~

~~Pivoter~~

Pivotor

Key Pivotor Terms



- Calendar – How you find reports for a particular time frame
- Reportset – A set of reports (for a particular time frame)
- Report – A performance summary of one or more measurements
 - Usually resulting in a visualization, but sometimes a table of values
 - E.G. CEC Utilization
- Chart – A particular instance of a report within a reportset (therefore for a particular time frame)
 - E.G. CEC Physical Machine CP Busy% for serial number 0503C
- Playlist
 - A group of reports / charts within a reportset that can be easily walked through in sequence

Interval Names



- Pivotor names intervals for the end of the interval
 - As opposed to using the start of the interval
- So a 900 second interval designated 9:00 covers 8:45 to 9:00
- Although other products use the start of the interval, we chose the end of the interval because:
 - A number of measurements are really a point in time value taken at the end of the interval, so end of interval name more accurately reflects when that data was
 - Using end of interval makes it easier to marry up certain records, such as RMF data and SMF type 30 interval data
 - SMFTIME is the end of interval



ExamOwl
Data Co.

Pivotor Support

Calendar Help

Dashboards



Rolling 8 Day Reports

[PRODPLEX](#)
[TESTPLEX](#)

Rolling 8 Week Reports

2024

Rolling Year

[HOURLPLEX](#)
[PRODCICS](#)
[PRODDB2](#)
[PRODIMS](#)
[PRODPLEX](#)
[TESTPLEX](#)

Navigation

[January](#)
[February](#)
[March](#)
[April](#)
[May](#)
[June](#)
[July](#)
[August](#)
[September](#)
[October](#)
[November](#)
[December](#)

2023

2022

2021

2020

2019

2018

2017

2016

July 2024

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Weekly Reports
	01 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	02 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	03 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	04 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	05 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	06 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX
07 HOURLPLEX PRODDB2 PRODIMS PRODPLEX	08 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	09 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	10 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	11 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	12 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	13 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX
14 HOURLPLEX PRODDB2 PRODIMS PRODPLEX	15 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	16 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	17 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	18 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	19 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	20 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX
21 HOURLPLEX PRODDB2 PRODIMS PRODPLEX	22 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	23 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	24 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	25 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	26 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	27 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX
28 HOURLPLEX PRODDB2 PRODIMS PRODPLEX	29 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	30 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	31 HOURLPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX	July Monthly Reports HOURLPLEX MULTIPLEX PRODCICS PRODDB2 PRODIMS PRODPLEX			

This is the calendar, the main entry point for accessing Pivotor reports. Note the links for daily, weekly, monthly, as well as the rolling reports.

August 2024

Sunday Monday Tuesday Wednesday Thursday Friday Saturday



© Copyright 2024 - All Rights Reserved
Enterprise Performance Strategies, Inc.

Main Reportset UI Overview



- Terms
- Quick overview of the UI
 - Hierarchy
 - Next report for first report
 - Explain yellow info box
 - Explain View options
 - Zoom
 - Series on/off
 - Alter chart
 - Report Info
- Stacking
- Time limit
- Playlists
 - Navigating, returning to all charts
- Searching
- Sharing charts
 - URL, Image, PDF
- Collapse/open navigation

Report Set Overview



- System, I/O, Sysplex, Batch
- **Transient Performance**
- **Outliers**
- Rolling 8 Day – If you only have 2 minutes
- Rolling 8 Week
 - Auto-aggregation
- Rolling Year – Daily Statistics
- Multiplex
- “Transactional” Data sources
 - CICS
 - Db2
 - IMS
 - IDMS