

Automated Application Performance Monitoring with: IBM Application Performance Analyzer Automation Assistant

Customer's benefits:

Eliminates up to 90% of the manual effort to manage application performance

Reduces CPU utilization by definition of threshold values

Allows customer to focus tuning efforts on jobs with the greatest CPU and runtime savings potential with user defined thresholds

Automation, integration and proactive schedule of Application Performance Analyzer

Integration of IBM Application Performance Analyzer reports

Application Performance Analyzer measurement results will be analyzed and stored

Measurement results can be viewed independent of the started task

Automatically identifies tuning opportunities across your entire batch and online mainframe environment, including Parallel Sysplex

ISPF user interface and interface to DB2 Performance Data Warehouse (PDWH)

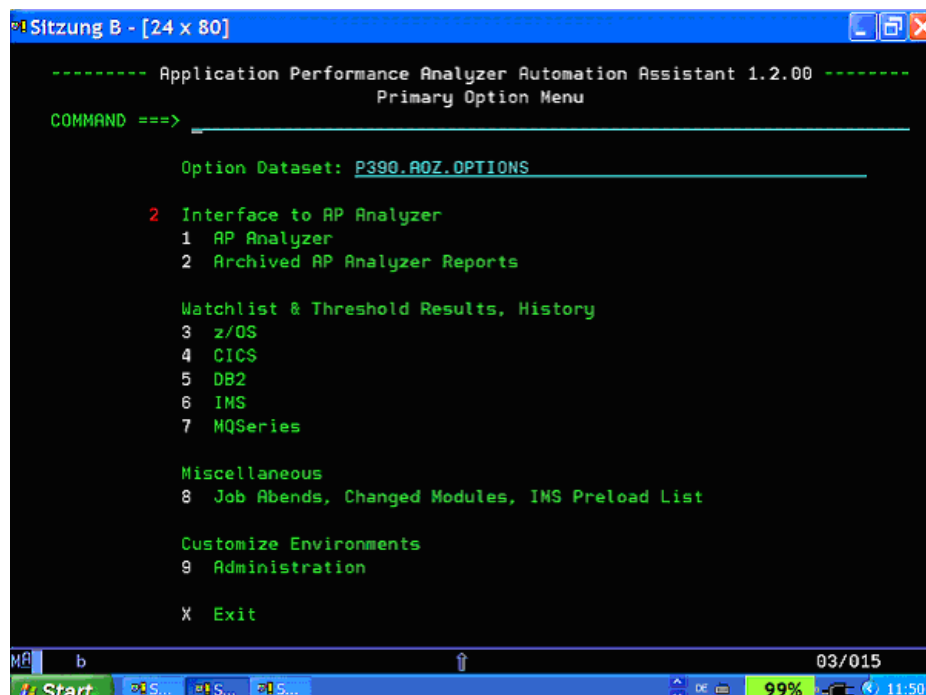
Provides IMS preload list for optimization

Performance History

Automatic reorganisation of DB2 Performance Data Warehouse

Monitoring of program changes

ISPF Interface of IBM Application Performance Analyzer Automation Assistant



```

Sitzung B - [24 x 80]
----- Application Performance Analyzer Automation Assistant 1.2.00 -----
Primary Option Menu
COMMAND ==>

Option Dataset: P390.AOZ.OPTIONS

2 Interface to AP Analyzer
1 AP Analyzer
2 Archived AP Analyzer Reports

Watchlist & Threshold Results, History
3 z/OS
4 CICS
5 DB2
6 IMS
7 MQSeries

Miscellaneous
8 Job Abends, Changed Modules, IMS Preload List

Customize Environments
9 Administration

X Exit
  
```

The Business challenge

IT organizations are still under constant pressure to get applications into production as quickly and with as few resources as possible. Mainframe resources are constrained and to consider application performance until it's too late is a expensive strategy. IT staff has not enough time to find and tune the performance bottlenecks hidden within the thousands of batch jobs and online transactions. Yearly Millions of dollars/euros are wasted because of poorly performing applications. To find and fixing these costly bottlenecks with limited staff and limited time is a challenge.

And the solution

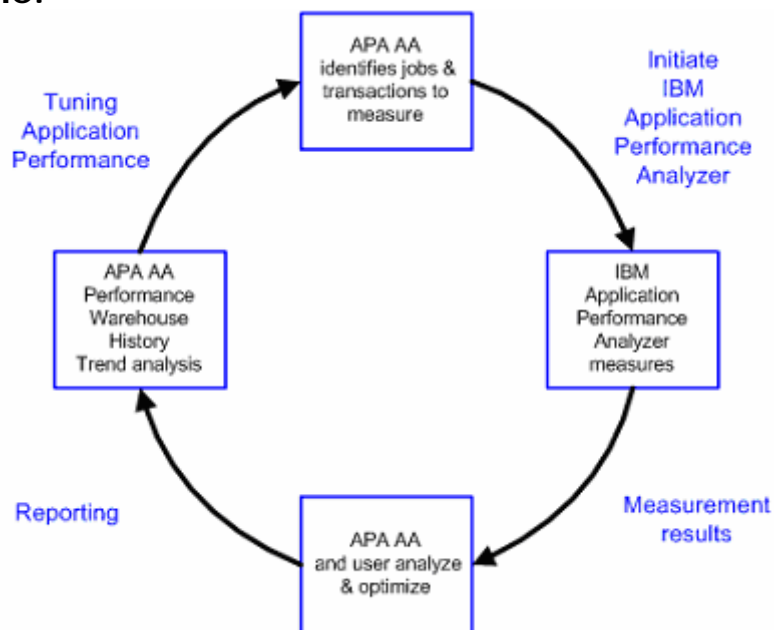
Automated application performance monitoring is made easier and more productive with:

[IBM Application Performance Analyzer Automation Assistant](#) and
IBM Application Performance Analyzer

This solution package turns Application Performance tuning into a strategic advantage.

[IBM Application Performance Analyzer Automation Assistant](#) interfaces seamlessly with Application Performance Analyzer to automate the process of measuring applications, prioritizing your tuning efforts and filters large volumes of data for quick identification of tuning opportunities. Customers benefit is to spend more time on analysis and optimization.

The tuning cycle:



More performance through threshold monitoring

IBM Application Performance Analyzer Automation Assistant allows you to set threshold values, based on Sysplex, LPAR and subsystem level for z/OS batch jobs, DB2, IMS, CICS and WebSphere MQ. Setting threshold values enables you to act in good time, which means – find out the candidates which consumes your resources and which should be measured by IBM Application Performance Analyzer.

Example: Definition of DB2 Sysplex Watchlist



```

----- Setup DB2 Sysplex Watchlist -----
Command ==> _____

DB2 Sysplex Name : $GLOBAL
z/OS Sysplex Name : $GLOBAL_
Description      : Production DB2 watchlist

Online Processing      Batch Processing
Elapsed Time         : 1000 msec      Elapsed Time         : 30 min
CPU Time             : 100 msec       CPU Time             : 10 min
Number SQL Calls     : 1000          Number SQL Calls     : 100000
Number Get Pages     : 1000          Number Get Pages     : 100000
Number Sync Reads    : 150           Number Sync Reads    : 2500
SQL Calls per Sec    : 35            SQL Calls per Min    : 2000
Get Pages per Sec    : 20            Get Pages per Min    : 1000
Sync Read per Sec    : 10            Sync Read per Min    : 550

Include Abends       : N Y es, N o   Build Abend List    : Y Y es, N o
Keep History         : 180 0-9999 Days
Email Address        : customer@company.com

Define Include/Exclude Lists
Activate Includes    : N Y es, N o
Activate Excludes    : N Y es, N o
  1 Include by Plan Name      3 Exclude by Plan Name
  2 Include by Job Name       4 Exclude by Job Name
  
```