

What PM/400e and the IBM Workload Estimator for iSeries can do for you

"Get more out of your system performance information"

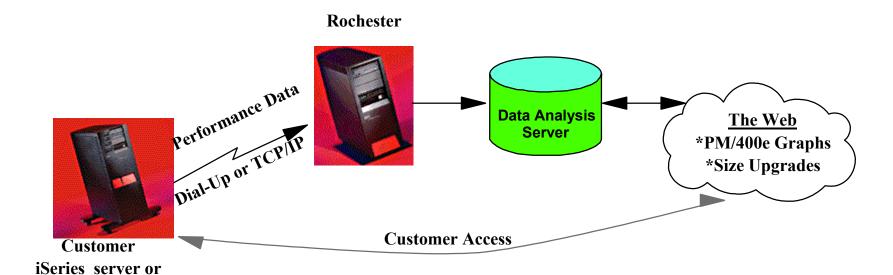
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Agenda

- Overview of PM/400e offering
 - ► How it works
 - ► Potential Benefits
 - ► Terms and conditions
 - Examples
 - Activation instructions
- PM/400e IBM Workload Estimator for iSeries integration
- Detailed Report Review....what are the PM/400e reports telling you?
- Q & A





- Automates Capacity Planning
 - Performance Analysis
- Integrated OS/400 Function
- Transfers Collected Performance Data (Collection Services data) to IBM
 - -(customer retains the option to collect and transmit)
- Reports & graphs posted to web site or returned via hardcopy
- Option to size your next upgrade or replacement system
- Customer password protected Web access to view/print/save graphs



PM/400e - iSeries server Advantage

PM/400e Provides the Information Needed to Help

- Forecast data processing growth that is based on trends
- Plan for and manage consistent service levels
- Maximize your return on current and future hardware investments
- Identify performance bottlenecks
- Reduce the time that is needed to collect and manage system performance data
- Identify resource-intensive applications
- Easily size your next iSeries server upgrade or replacement system

And the information is available when you need it via the Internet!



PM/400e Worldwide Terms and Conditions

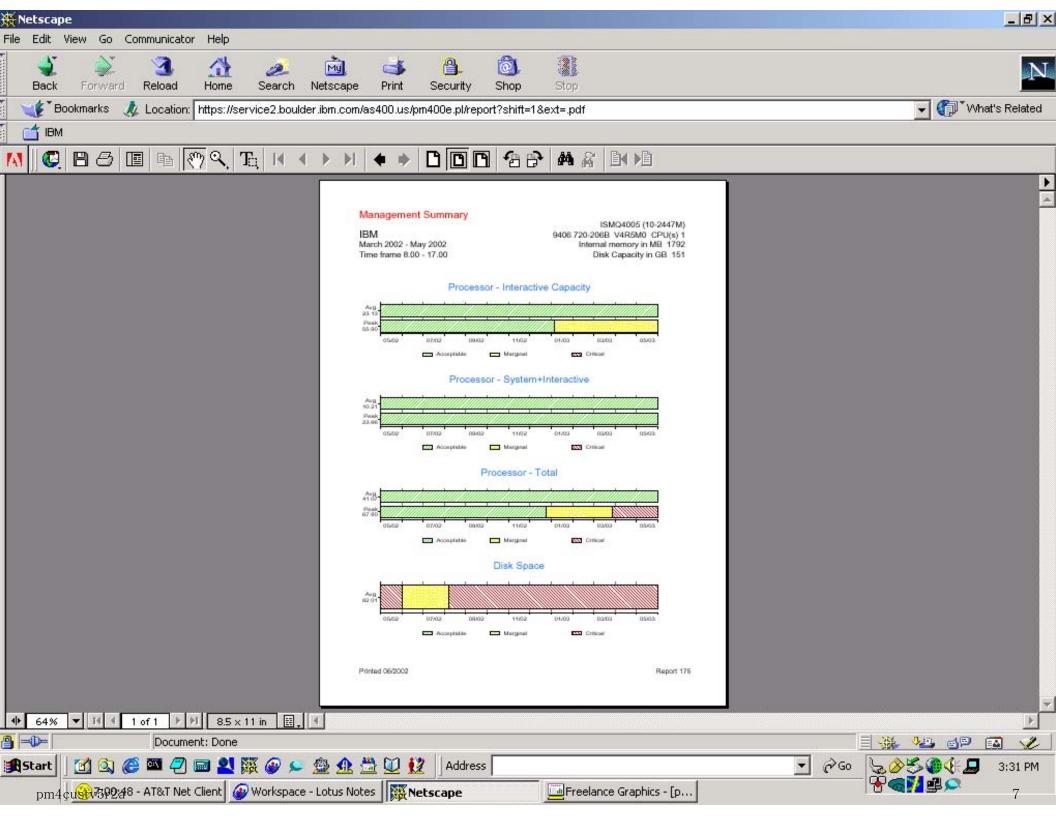
- No Extra Charge if hardware warranty or IBM Maintenance
 - Customer activates for no additional charge
 - Customer receives:
 - Management Summary Graph on Internet
 - Postal notification when exceeding guideline
 - Free access to the Workload Estimator
 - A web tool for sizing your next upgrade
- PM/400e Fee Offering
 - -27 reports and graphs
 - Monthly Option on the Internet
 - Monthly or Quarterly hardcopy option
 - ► IBM Prints & Mails
 - Savings on Internet vs. hardcopy



The Management Summary Graph

- Updated Monthly
- Internet Access Only
 - Password Protected
- Provides:
 - Average & Peak Utilization Analysis For:
 - Interactive CPU (both % utilization and % capacity)
 - ► Total CPU
 - Disk Space
 - Current Utilization
 - Projection of Remaining Growth Capacity in months
 - Green Acceptable
 - Yellow Marginal
 - ► Red Critical
 - 1st & 2nd Shift Analysis





PM/400e Fee Detailed Graphs

- Internet Option
 - Updated Monthly
 - Aggressively Priced vs Hardcopy Option
 - Great Accessibility
 - Print/View/Save Options

- Hardcopy Option
 - Monthly or Quarterly
 - IBM Prints & Mails to customer

- Twenty-Seven Detailed Graphs Providing:
 - Management Summary Information Plus
 - Detailed Graph:
 - ► CPU Utilization by Workload type
 - ► Response time
 - ► Transaction volumes
 - ► I/O & CPU usage analysis
 - ► Jobs & Print analysis
 - ► Disk Space & Disk Arm
 - ► Memory analysis
 - ► Comm Line
 - ► User Statistics
 - Peak & Average Analysis
 - Hourly & Daily Analysis
 - 12 month history with 3 month projection



Activation Instructions

- See written instructions for any release at: http://www.ibm.com/eserver/iseries/pm400/activation/steps.html
 - For additional activation assistance if needed: US contact 1-800-237-5511; option 2, access routing code 1400; Non-US: visit the above web site and look for country PM/400e contacts
- Activation Options
 - At IPL ... Take option 'G' for Go to "Do you want to activate PM/400?" message
 - Activation at anytime run OS/400 command CFGPM400
 - As part of EZ-Setup
 - As part of Management Central (V5.1 and after)
 - After activation always update contact information. At Command Line: Type 'GO QMPGLIB/PM400' or 'GO PM400' (5.1) -- Take Work with Contact Info Option
- New news: V5R2 PM/400e 60 day history file auto data collection (not transmission)
 - History file transmits (at customer option) with:
 - 1st activation of PM/400e or
 - as part of Service Agent / Universal Connection transmission
- Two options for PM/400 data transmission
 - Traditional SNA dial up.....all releases
 - TCP/IP via Service Agent / Universal Connection (V5R1 and after)



PM/400e Integration with the IBM Workload Estimator for iSeries

Helps size your next iSeries server upgrade or replacement system - no charge to use

- → The IBM Workload Estimator is a "sizer" not a capacity planner.
- → Always consult your IBM Representative or Business Partner on output

■ Web access for customer via PM/400e website

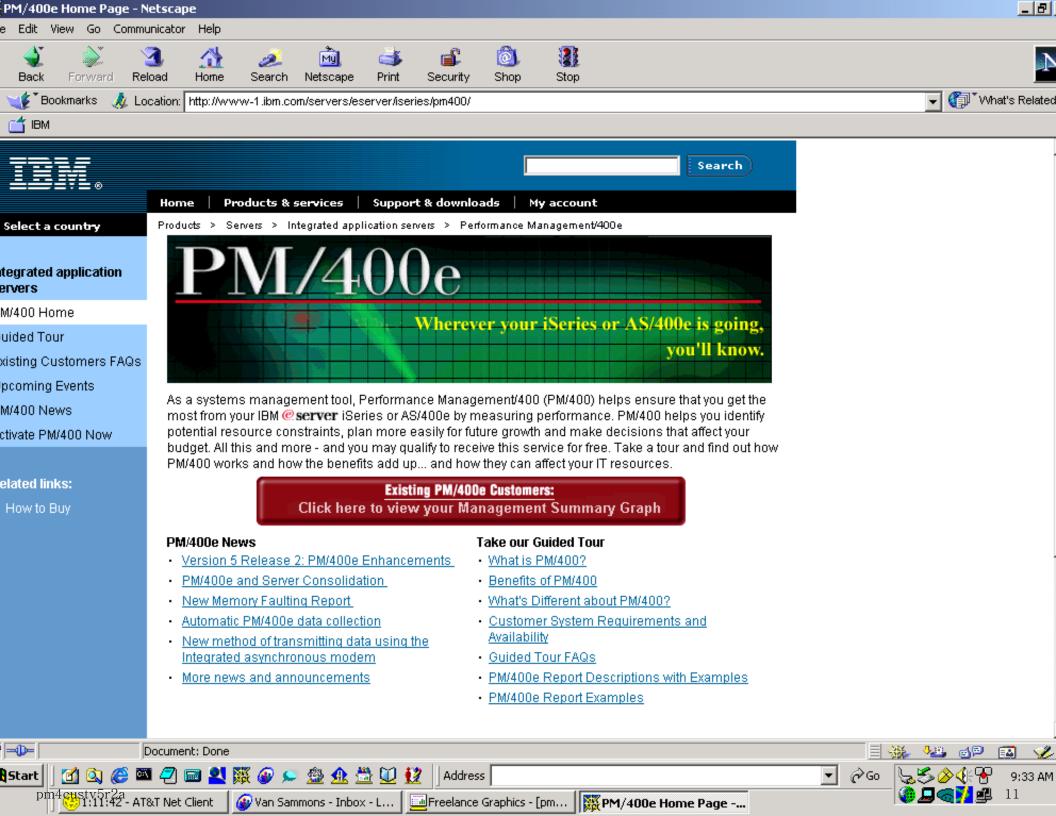
- → www.ibm.com/eserver/iseries/pm400
- → When viewing graphs, take size next upgrade option
- → Automatically invokes the IBM Workload Estimator and loads PM/400e data

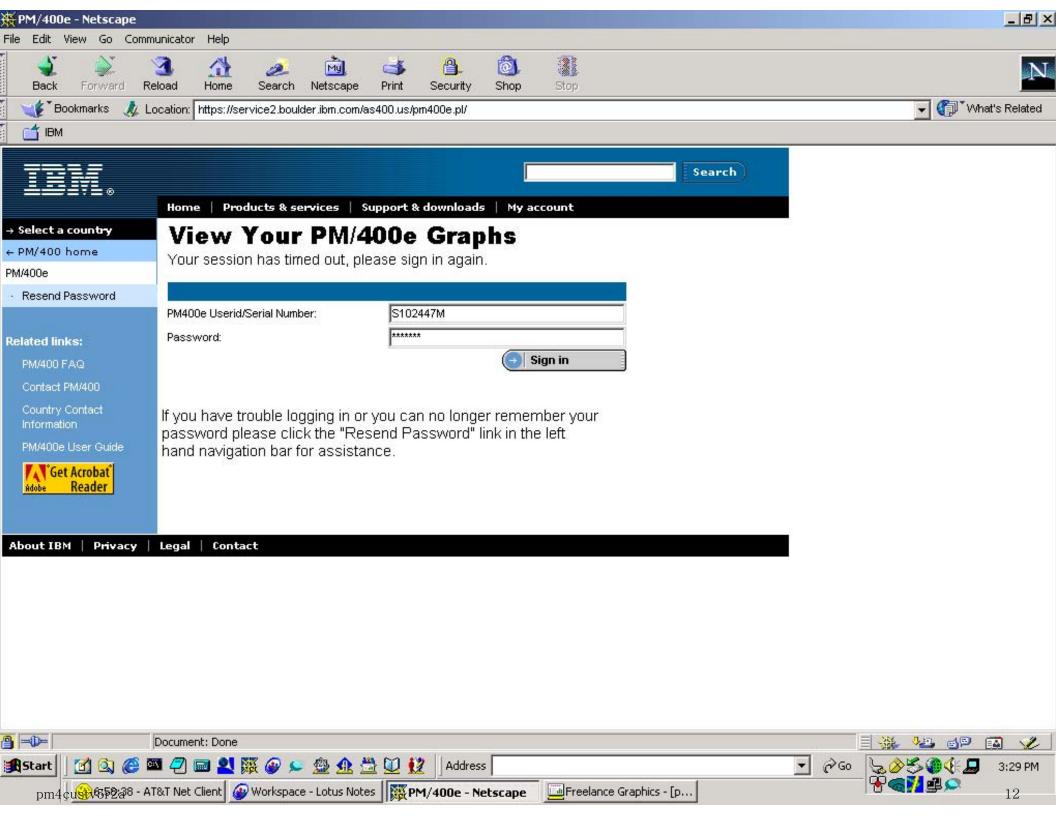
Recommendation

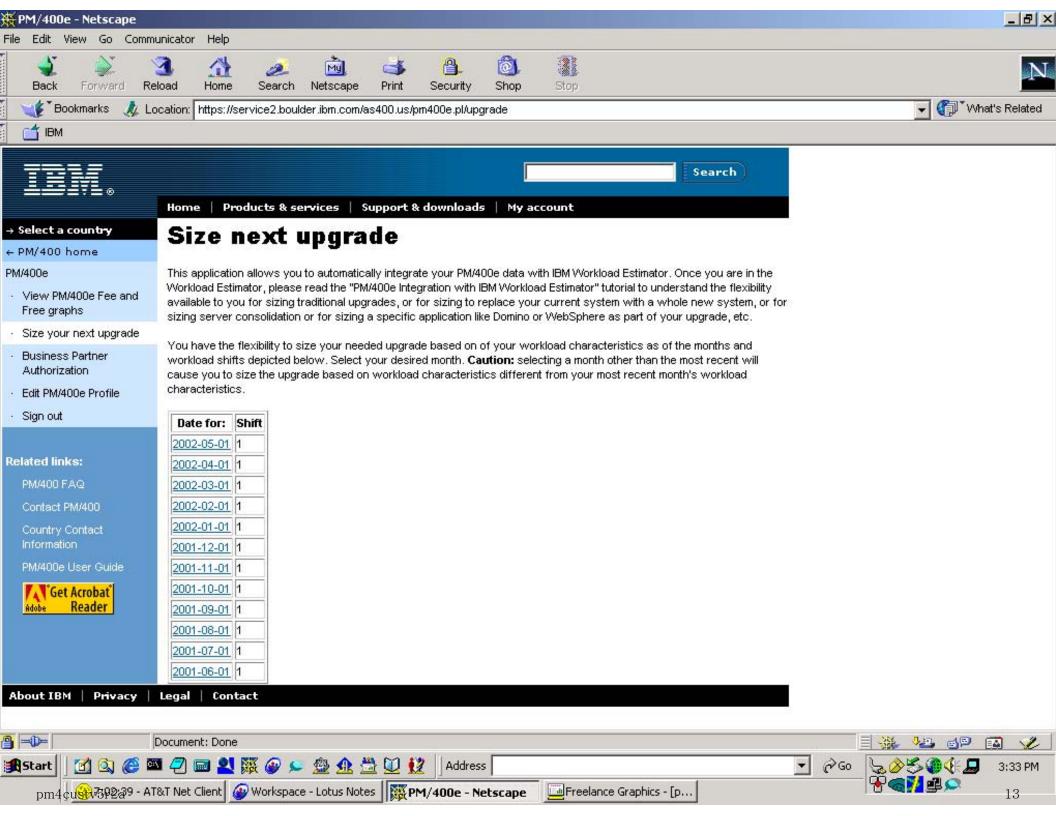
- → Model, processor fea., inter fea., DASD, memory, arms
- → User adjustable growth rate and time horizons
- → Optional sizing of Domino, Websphere, Java TM, traditional server consolidation, etc
- → Assists with sizing LPAR's

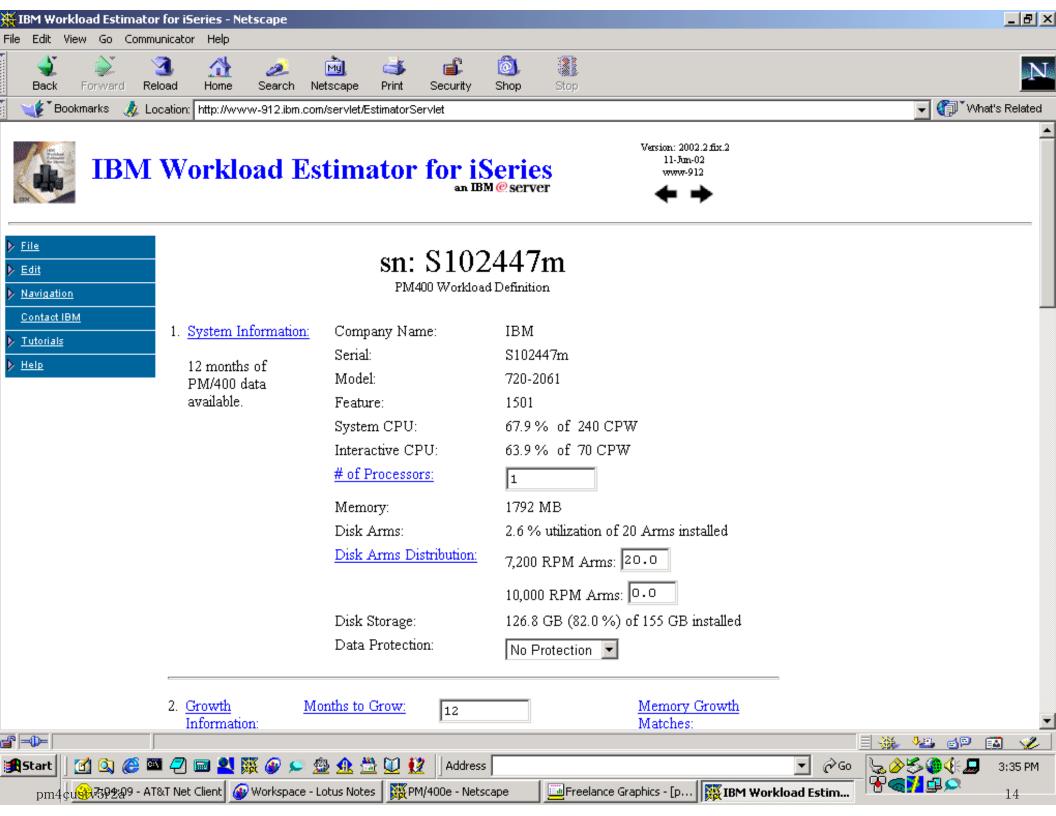
■ Recommendations can be saved, emailed

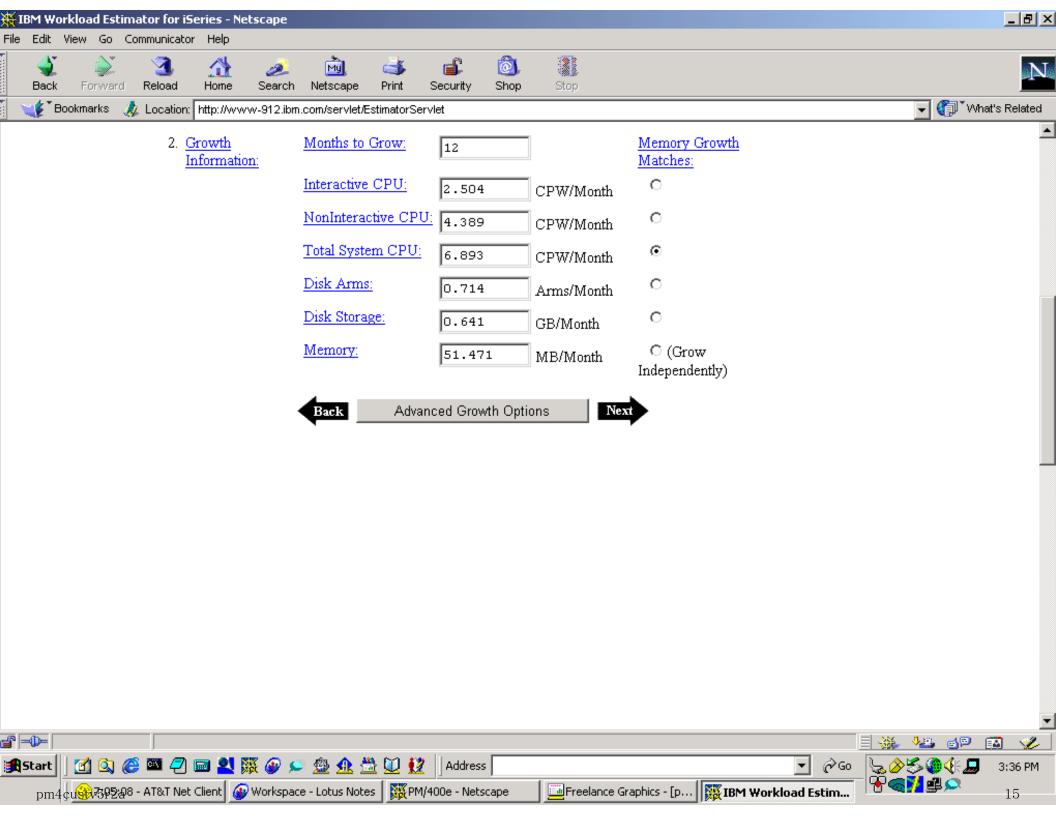


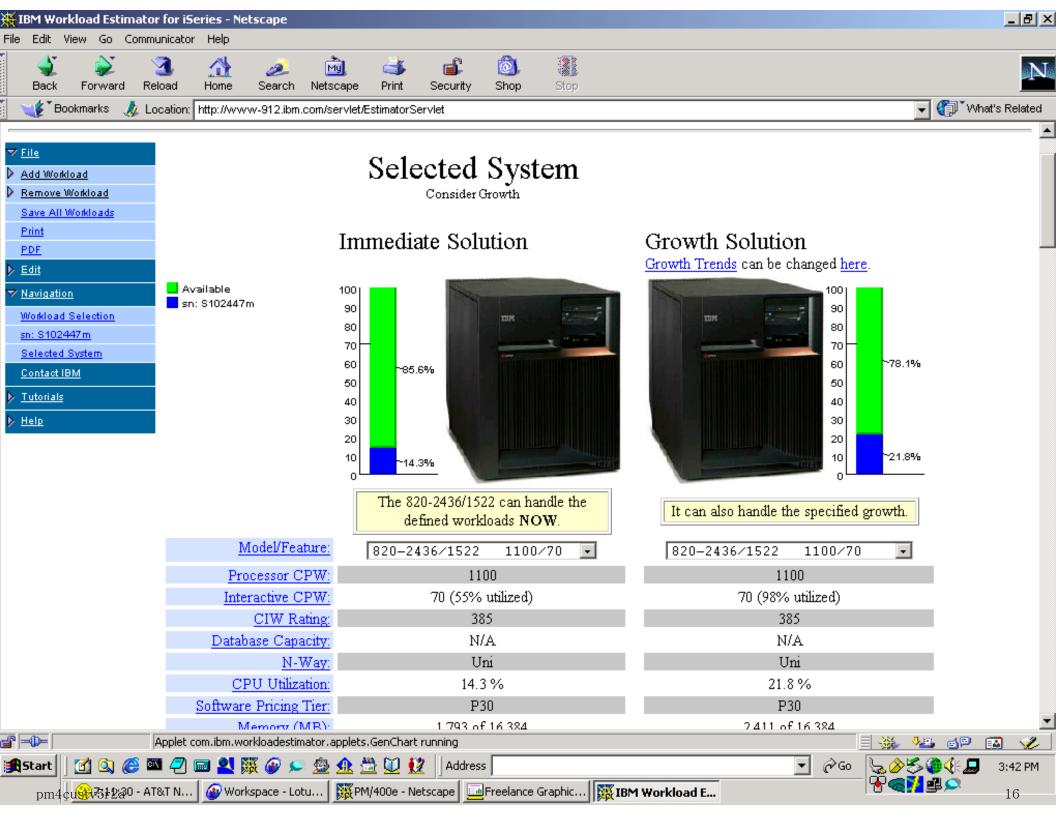


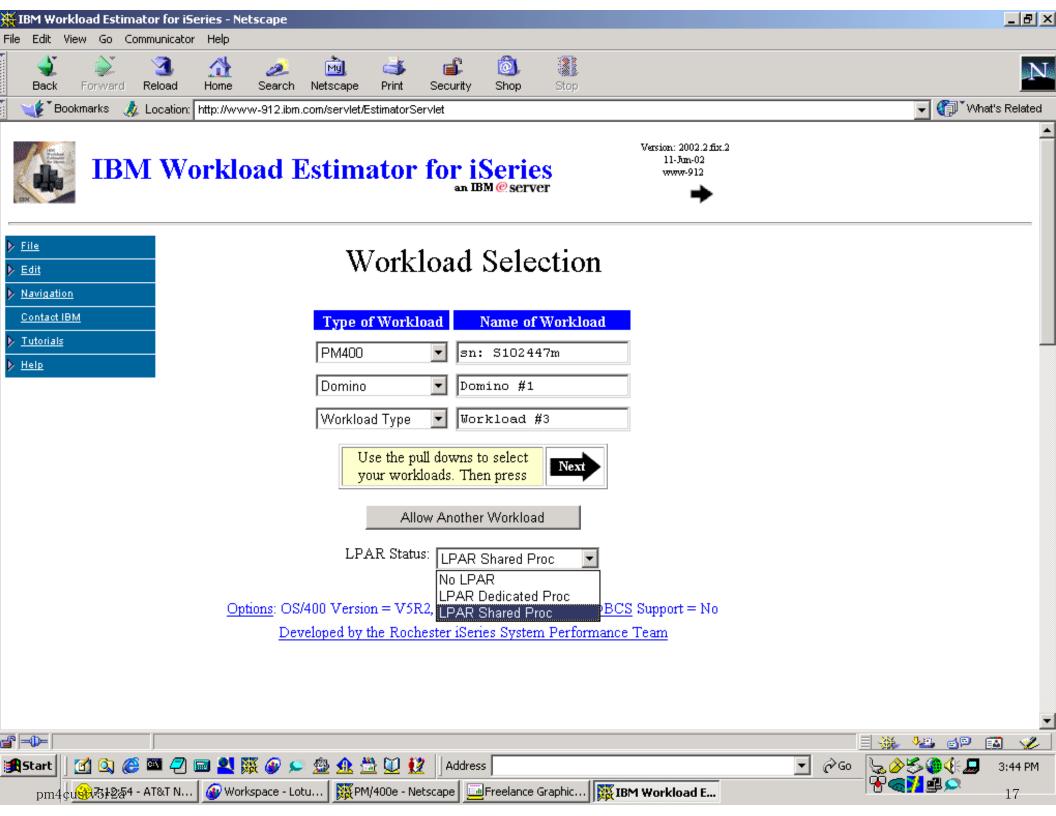


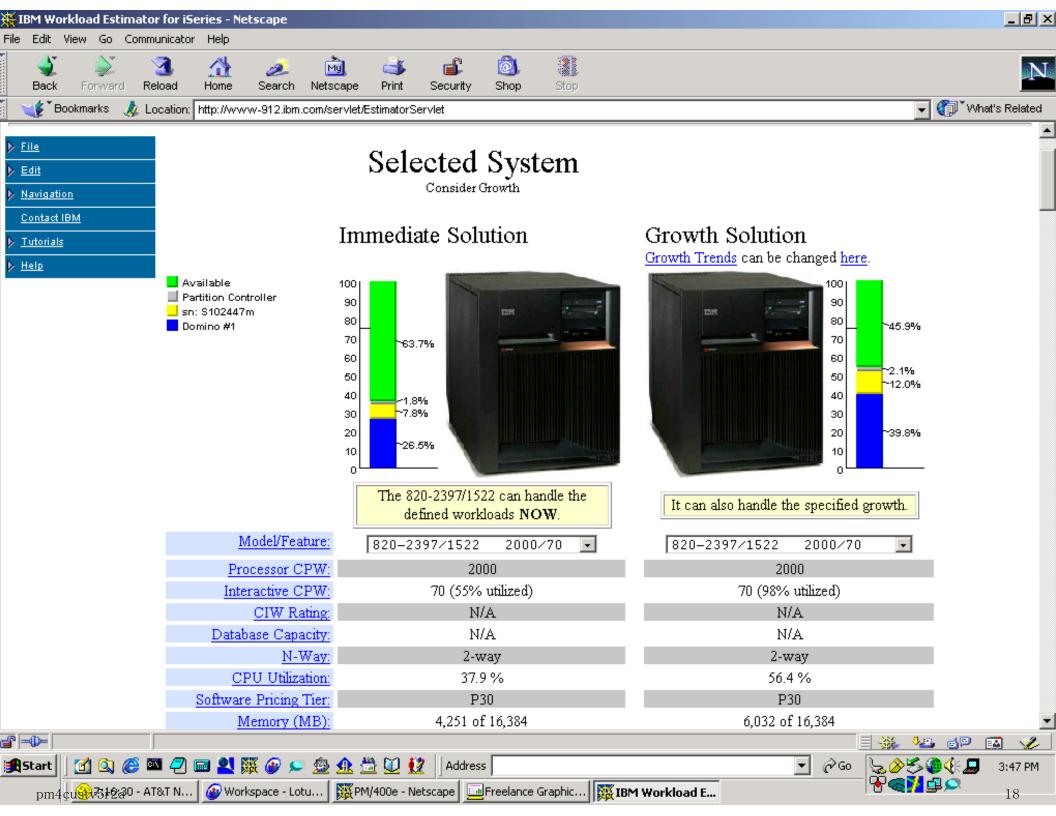


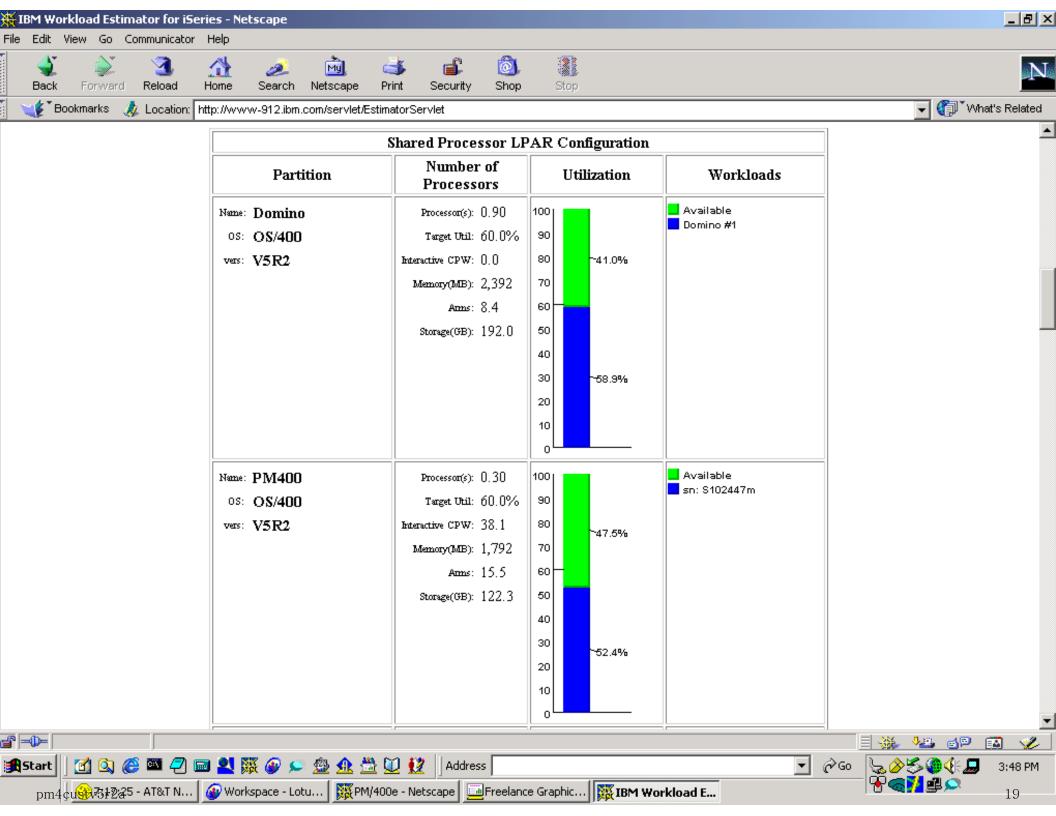












Important Tips on use of these tools

- Read the Tutorials in the lefthand Nav Bar
- PM/400e integration with the IBM Workload Estimator does not support:
 - Dedicated Server for Domino
 - Data from multiple PM/400 LPARs but it will consolidate multiple system workloads or applications workloads and size a new LPAR system
- LPAR consideration: PM/400e reports data at a partition level on LPAR systems beginning at V4R5
 - Each partition has to separately report PM/400e data
- For additional information, see the FAQs on the PM/400e website http://www.ibm.com/eserver/iseries/pm400



PM/400e Resources

- PM/400e Website: http://www.ibm.com/eserver/iseries/pm400
- Workload Estimator website for standalone sizings:
 - http://www.ibm.com/eserver/iseries/support/estimator
- PM/400e activation assistance
 - US: Call PM/400 SupportLine at: 1-800-237-5511 option 2, routing code 1400
 - Non-US. Look at the above PM/400e web site for country contact information
- Detailed fee report sign up:
 - **–** US: 1-888-426-4343 option 3
 - Non US: Look at the above PM/400e web site for country contact information



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What you are agreeing to with the transmission of PM/400e data

PM/400e is an optional function for your use within OS/400. PM/400e uses performance and capacity information from your system. This data is system utilization information, performance information, and hardware configuration information. For detailed information on what is collected, see the Performance topic in the iSeries Information Center which is available from the following web site: www.ibm.com/eserver/iseries/infocenter

Once the data is collected, PM/400e processes the data and prepares it for transmission to IBM for future analysis and report generation. Within IBM, the PM/400e data will be used to prepare the reports and graphs that are delivered as part of the PM/400e offering.

You agree that IBM may use and share the data collected by PM/400e ("Your Data") within the IBM enterprise without limitation, including for purposes of problem analysis, of assisting you with performance and capacity planning, of maintaining your existing and new business relationships with IBM, of notifying you of existing or projected resource constraints, and to assist us to enhance IBM products. You also agree that Your Data may be transferred to such entities in any location whether or not a member of the European Union.

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