

JP1 Job and Performance Management with Linux System

JOB MANAGEMENT PARTNER 1

2008/10/09

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JOB MANAGEMENT PARTNER 1 VERSION 8 JP1 System Management Solution

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1. IT Challenges





Increasing demand in quality

- ◆Stable system operation
- ◆Reducing downtime and maintenance

Internal control over IT

- ◆Software license management
- ◆Increasing security threat
- ◆Information leakage and data integrity

Reducing Operational cost

- ◆Expanding system requires more attention
- ◆Complex system making risk assessment even more difficult

Future strategic planning

- ◆Need for instant and comprehensive reports
- ◆Accurate and up to date information







Depend on system management!!

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2. JP1 Job Management in Linux System





Main features of automatic job management

Job Management (JP1/AJS2)

- -Cross platform
- -Cross application
- -Job dependency
- -Good alert function
- -Easy to monitor job status
- -Comprehensive reporting function
- -User friendly





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Daily back up of 100 servers from different platforms across 10 regions at 10 pm...

Problems:

Boring routine

Prone to human error

Time consuming

Effort consuming

Resource intensive

Cost ineffective

Overtime...

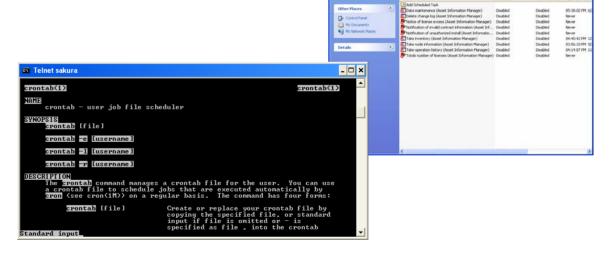


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Some ways to achieve automation:

◆Complex scripting

♦Operating System's scheduling tools

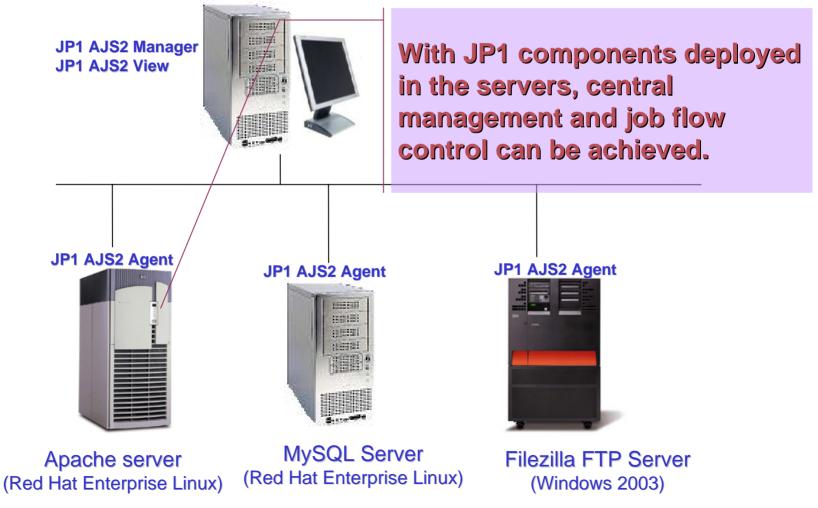


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Support applications across multiple servers





Why is imperfect automation so risky?

♦Non cross platform



Windows Server Schedule: UNIX Server Schedule:

11:00 Run Sales.exe 13:00 Run Inventory

12:00 Run Purchase.exe 14:00 Run Accounting

16:00 Run Sales.exe 18:00 Run Inventory

17:00 Run Purchase.exe 19:00 Run Accounting

18:00 Run Backup.exe 20:00 Run Backup



Why is imperfect automation so risky?

♦Non cross platform

◆No job dependency – only based on timing Sales data



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Why is imperfect automation so risky?

- **♦**Non cross platform
- ◆No job dependency only based on timing









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Job dependency



Some Examples:

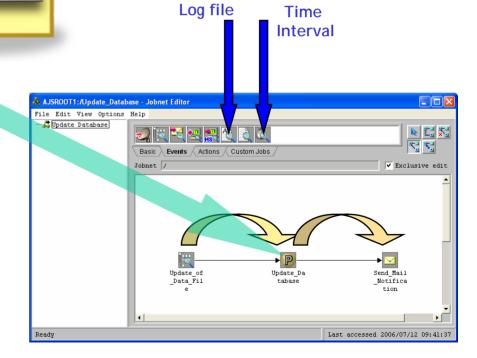
Receiving an e-mail

The creation/update of a file

The completion of a previous job

Monitor log file

Time interval



Monitor

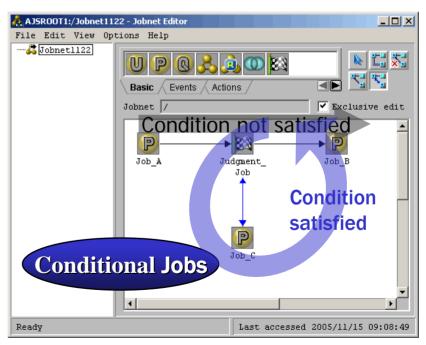
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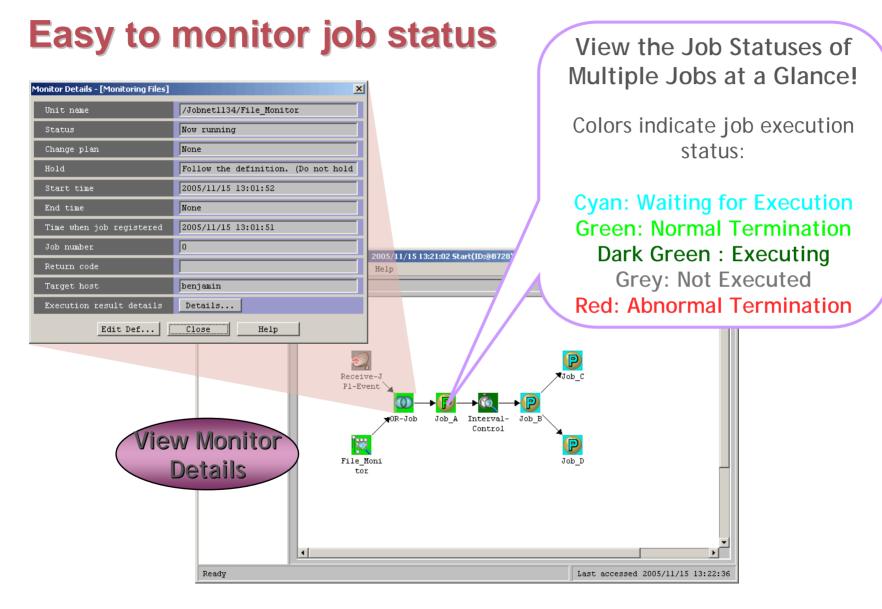
Good alert function

Jobs can Automatically React to Errors or Conditions.



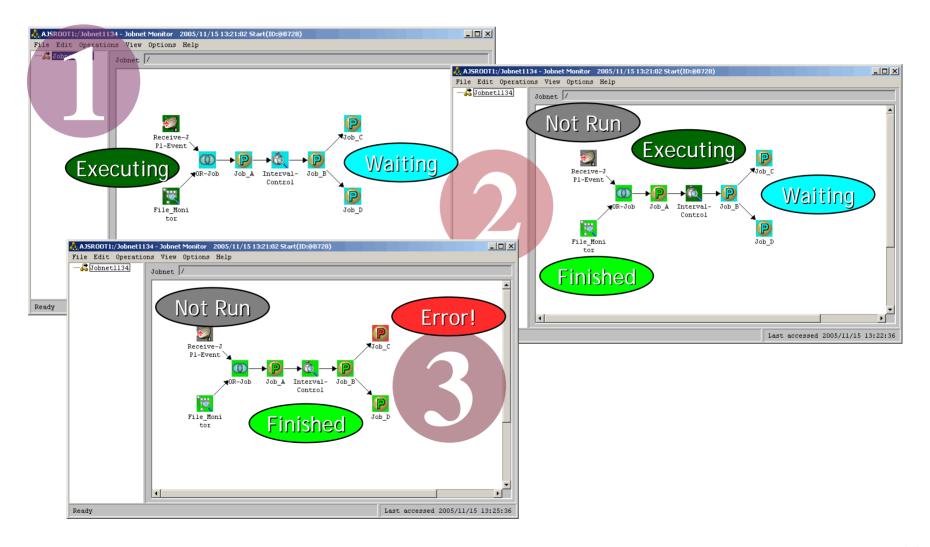






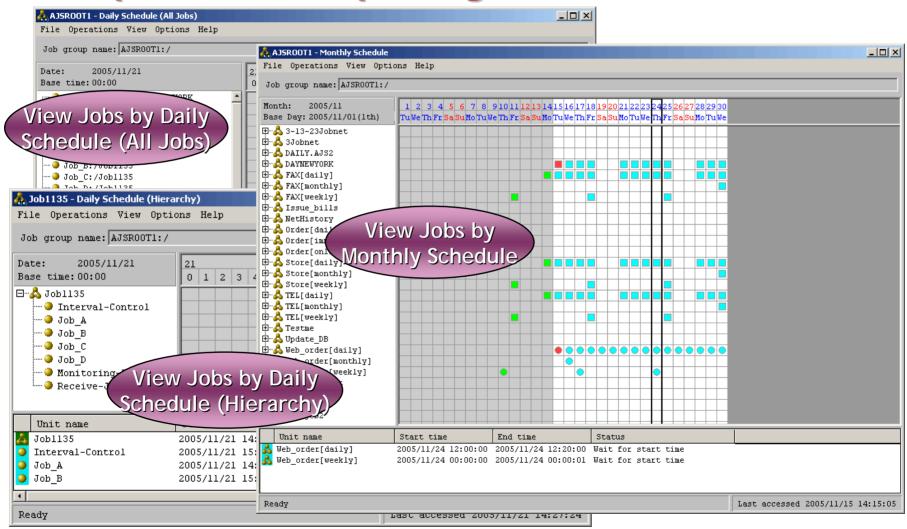


Easy to monitor job status





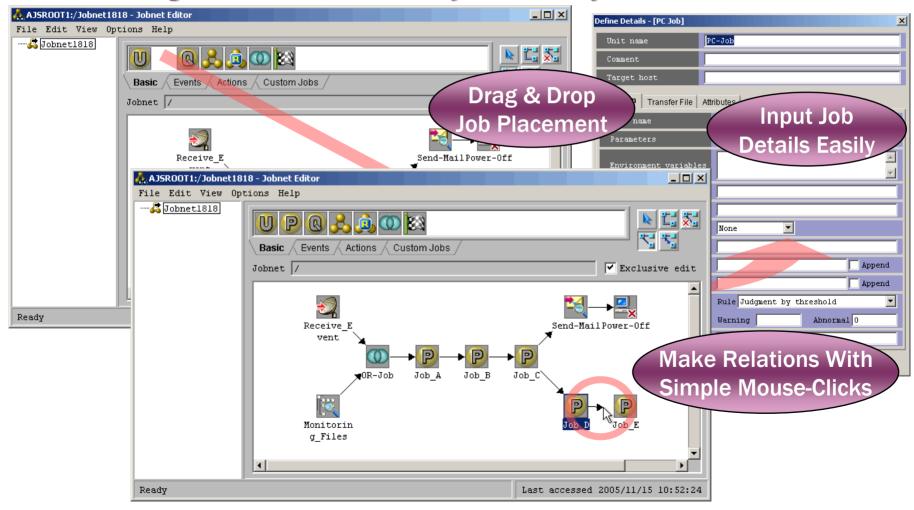
Comprehensive reporting function





User friendly

A well-designed GUI makes it easy to define jobs





JP1/Job Management's value preposition

Reduces operational risks

- Reduce human error through automation of tasks / jobs
- Automates error recovery for business processes

Operation Integration into single management

- Automates job scheduling across multiple platforms
- Automates job scheduling across multiple business applications

Simple and easy to use

- Provides a flexible, adaptive, service-oriented architecture for job scheduling
- Improves efficiency and effectiveness

Reduces and control cost

- Increases availability of resources through optimization of job scheduling
- Improve the productivity of designated staff

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3. JP1 Performance Management in Linux System



Main functions of performance/availability management

Performance/availability Management (JP1/PFM)

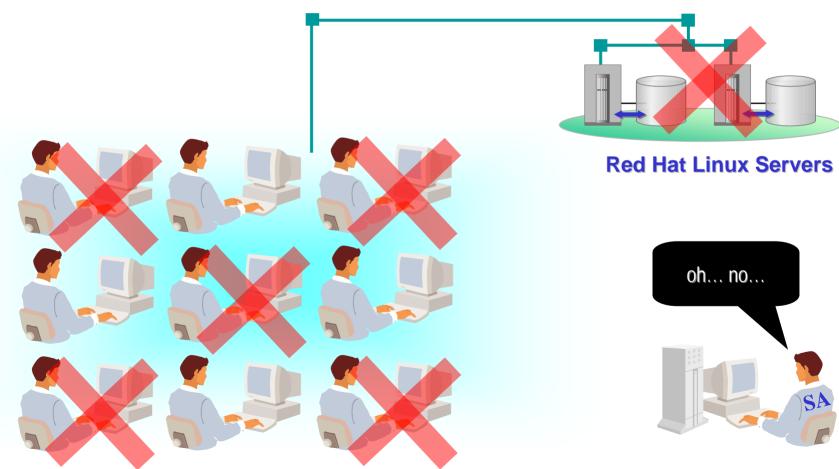
- -Monitoring of operation status
- -Early warning system
- -Future prediction
- -Capacity planning





Why is maintaining service level so difficult?

No early warning system





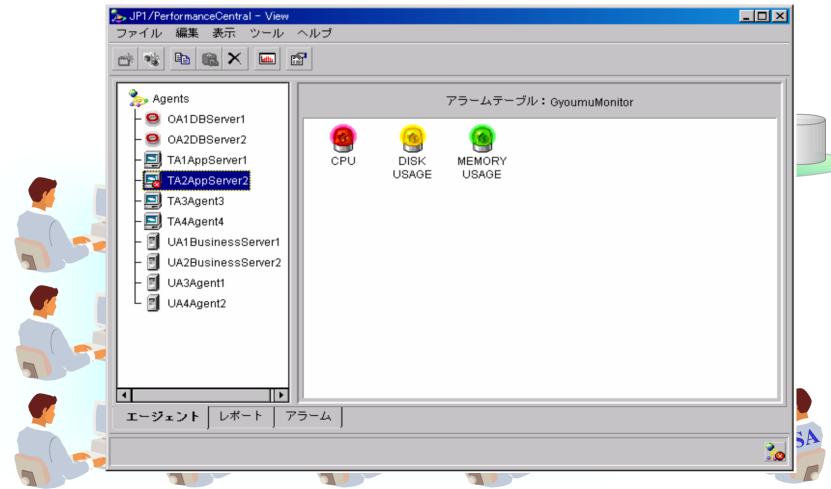
Why is capacity planning so difficult?

How do you know what cause your system crash every 4:30pm? How do you predict your server utilization 1 year down the road? How do you know that it's time to upgrade?



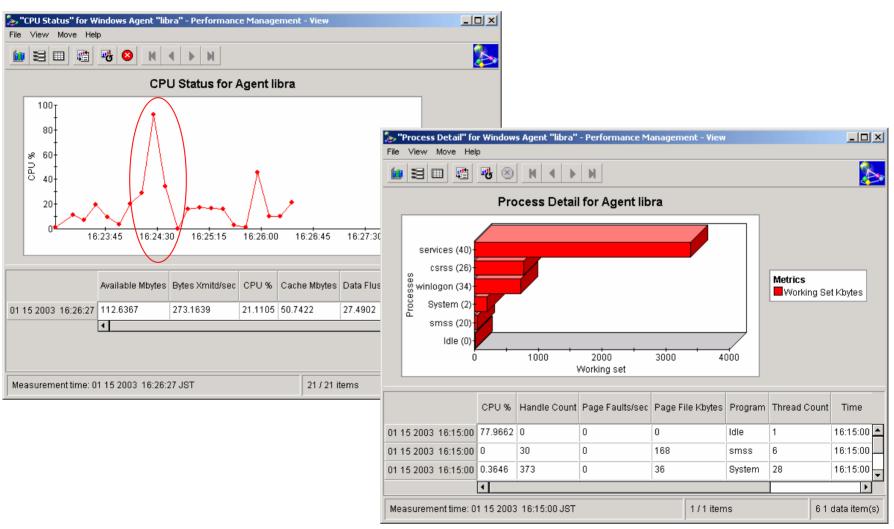


Gives you early warning system



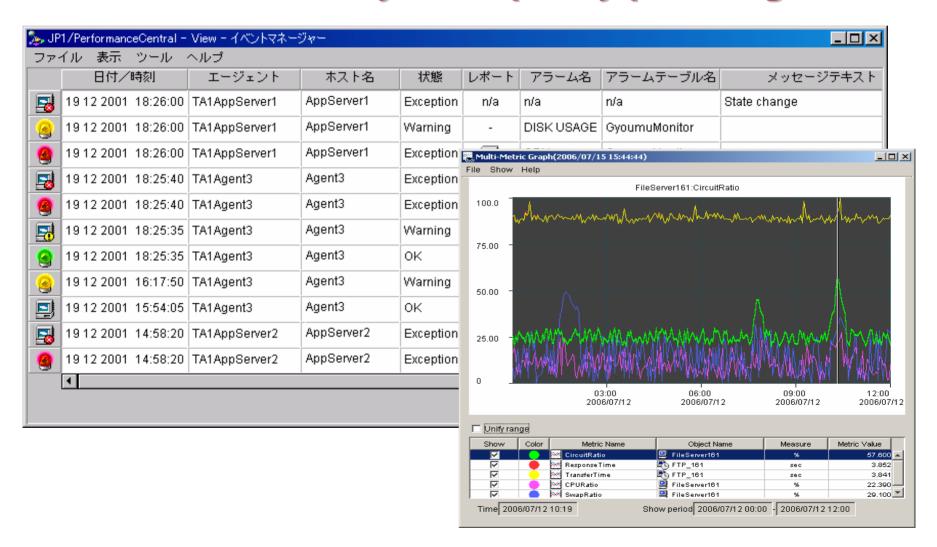


Gives you comprehensive performance reporting





Performance history for capacity planning





JP1/Performance Management's value preposition

- Simple and Convenient
 - Centrally manages server and application availability with intuitive graphical format for multiple platforms
- Increase Server, application and Network up-time
 - Able to manage server, applications and networks more intelligently, increasing uptime and lower costs
- Solutions Set available for used immediately and highly customizable
- Early warning system
 - Administrator gets alert before problem gets out of control
- Proactive management through reporting
 - Generated reports enable historical data analysis and assist in preventive measures

Thank You Very Much For Your Attention

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