



Metron Athene Factsheet

Lifecycle Capacity Management

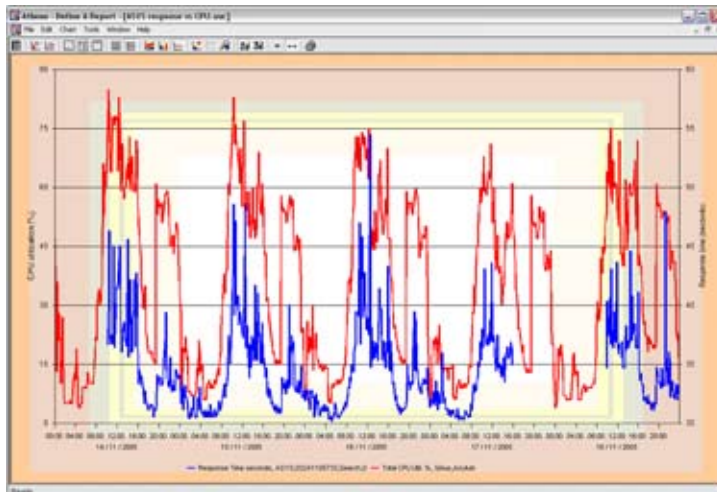
Metron and Tevron

- Application lifecycle capacity management
- End to end 'user perspective' capacity management



- Evaluate potential application performance by load testing with CitraTest® VU
- Monitor end to end performance with CitraTest® APM
- Correlate response time and server performance and resolve problems with Athene
- Plan end to end performance with Athene

Application Performance Monitoring and Capacity Planning



Monitor application performance with the one metric the user sees as representing application health: end to end response time.

Correlate poor response time with server performance by integrating CitraTest® APM data with Athene.

Plan the change in end to end response time due to workload growth or hardware change using Athene.

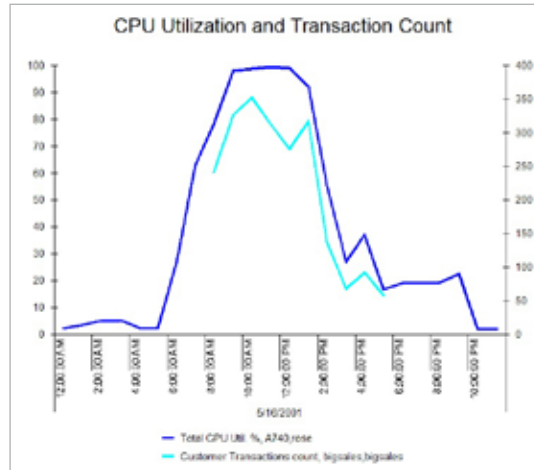
Lifecycle CM

ITIL® & Lifecycle Capacity Management
 Athene provides all the key data at resource level, CitraTest® APM monitors and feeds Athene from a service or application perspective.

Athene integrates business data with service and resource data into a common repository for all three levels.

Athene and CitraTest®

..any environment: zOS; UNIX, Linux, Windows, iSeries, VMware...
 ..any application: SAP, Siebel, Oracle, Websphere, Peoplesoft, JD Edwards...



Scenario

The ITIL® recommendation is that capacity management be carried out at three levels:

- **Business:** The business plans a new marketing initiative and feeds predicted volumes to Athene, but fears SLAs will not be met. DASD and tape performance
- **Service:** CitraTest® APM proves that current end user response times for the service are barely adequate.
- **Resource:** Athene correlates periods of SLA breach with high disc I/O enabling the system managers to tune the system.
- **Service:** CitraTest® APM monitors the tuned service to show that SLAs are now being met.
- **Business:** Athene models the planned business volumes to show that the marketing initiative can now be run and SLAs will continue to be met with the current hardware resource.

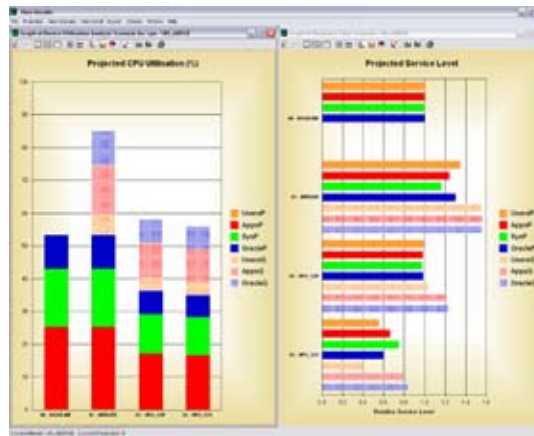
Load Testing and Capacity Planning - (Performance Assurance in a Virtual World)

Increasingly virtual platforms are becoming the norm for hosting new applications.

CitraTest® VU provides the ideal, non-intrusive load testing solution, to predict actual user experience once the application goes live.

Measuring the load test with Athene then enables you to model how this application will perform in your virtual environment: Monitor end to end performance with CitraTest® APM

- How will service levels vary for the application under different levels of available resource? Plan end to end performance with Athene
- Will adding this application affect service levels at the virtual hypervisor level?



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