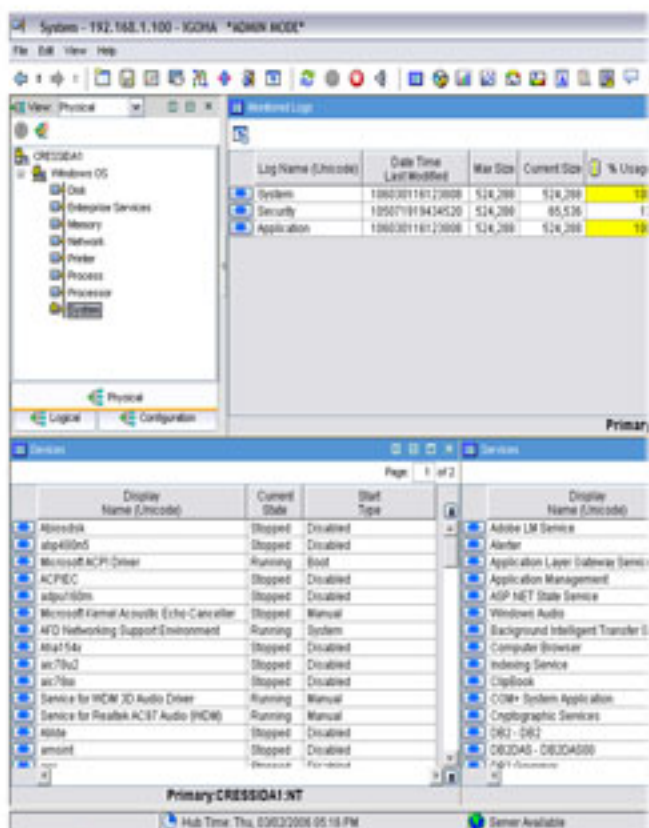


IBM® Tivoli® Omegamon® for Messaging

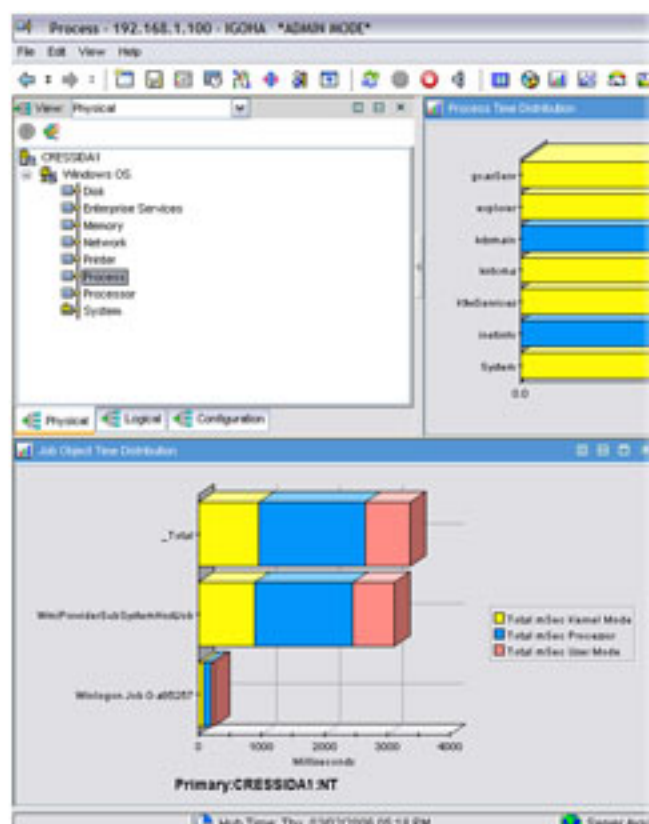
Overview



Today's business processes often depend on a number of complex applications executing on a heterogeneous number of platforms. These composite applications use business logic and data that span Web servers, J2EE application servers, integration middleware and mainframe systems. Although most businesses have traditional monitoring tools to manage individual resources at a high level, many lack an integrated solution to automatically monitor, analyze and resolve problems at the service, transaction, application and resource levels. As a result, operations and development may take a long time to identify, isolate and fix composite application problems.

To improve the performance and availability of business-critical applications, including portal and SOA-based technologies, proactive, real-time problem identification and resolution should be performed utilizing a portal-based end-to-end view of services, transactions and associated resources across platforms and subsystems.

WebSphere MQ (WMQ), commonly referred to as MQ or MQSeries, is the most widely used business messaging middleware solution on the market. It supports a large number of key application platforms by providing the communication and messaging infrastructure between the various operating platform environments that key business applications use.



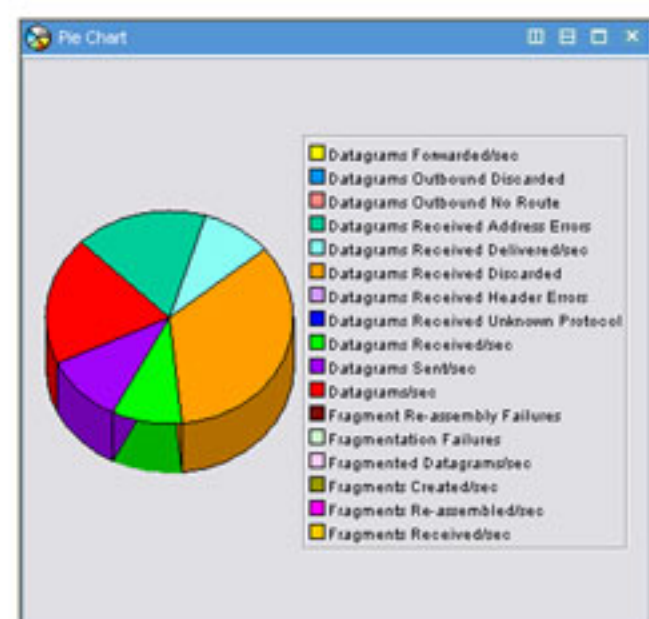
IBM® Tivoli Monitoring solutions (commonly known as OMEGAMON® technologies) help you to quickly isolate, diagnose and fix business-critical systems when WebSphere MQ-based applications have performance problems. When an incident occurs, the Tivoli solutions help the IT staff quickly resolve it by facilitating the information flow between the Operations, Development and Support groups. A powerful visualization of problem information is available using the Tivoli Enterprise Portal, along with customizable views of performance metrics. The Tivoli composite application management solution is designed to help you:

- Monitor services and response times to detect potential slowdowns or performance bottlenecks before the end-user is affected
- Trace transactions and accurately diagnose problems by quickly drilling down to the root cause
- Monitor and adjust resources to ensure they are used efficiently

IBM Tivoli OMEGAMON for Messaging helps improve the availability and performance of business-critical applications and business integration systems. It can identify common problems and automate corrective actions using pre-defined industry best-practice situations, while monitoring key WebSphere MQ and WebSphere Business Integration Message Broker metrics. Tivoli OMEGAMON for Messaging helps improve service level management by monitoring availability and capacity using real-time and historical data analysis. Out-of-the box capabilities, such as auto-discovery and monitoring of complex WebSphere environments, can improve IT staff productivity and reduce administration costs.

Product Highlights:

- Best practices for monitoring WebSphere MQ, WebSphere Business Integration Message Broker, WebSphere MQ Integrator and WebSphere InterChange Server
- Immediate monitoring of automatically discovered MQ components
- Web-enabled real time availability and performance reporting
- Expanded set of WebSphere MQ and WebSphere Interchange Server performance metrics



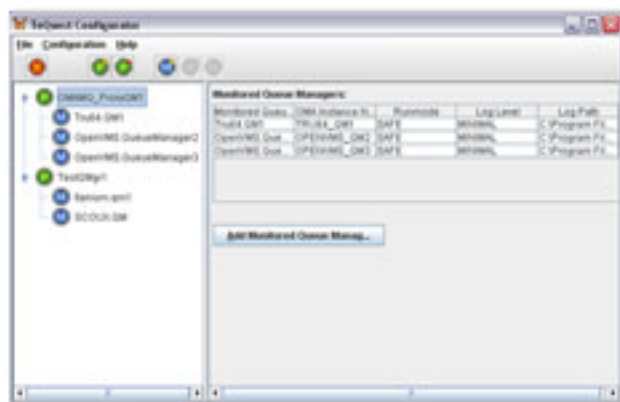
To help manage the WebSphere MQ messaging based systems, IBM® Tivoli OMEGAMON for Messaging provides OMEGAMON Monitoring Agents (OMA) as the market leading resource analysis solution for WebSphere messaging software supporting the most popular platforms including zOS, AIX, Solaris, HP-UX, Windows, OS400, Tandem and Linux environments. Since Omegamon Monitoring Agents are not available for the full range of supported WebSphere MQ enabled systems, TeQuest™ for WebSphere MQ has been developed by Cressida Technology to complement and complete the IBM Tivoli Solution.



Cressida Technology Ltd
Europe: +44 1483 23 93 00
USA: +1 914 238 7900
e info@cressida.info w www.cressida.info

Why do I need TeQuest™ for WebSphere® MQ?

Cressida TeQuest™ for WebSphere® MQ



:: Extends Omegamon Monitoring Agent monitoring capability to include WebSphere® MQ monitoring and management capabilities for platforms such as OpenVMS, Tru64 Unix, HP Itanium, SCO OpenServer, among a number of other WMQ supported platforms.

- Complements OMEGAMON monitoring and management facilities for Windows, AIX, Solaris, HP-UX, Tandem, OS400, zOS and Linux
- Leverages OMEGAMON customized dashboards to deliver role-based information and insights to IT staff and executives
- Automates execution of best practices by using the existing proven OMEGAMON facilities



TeQuest for WebSphere MQ facilities:

All attributes based on the OMA's PCF-based sampling are available for reporting and historical data collection. These attributes can also be used to build situations.

MQ commands can be executed at the monitored queue manager by using the "take action" feature, both interactively from the Tivoli Enterprise Portal (TEP) and from within a situation or a policy. MQ commands, when entered via the TEP, are prefixed with "MQ: ".

"Take action" with a system command can use the attributes as parameters and will be executed on the proxy queue manager system.

The PCF-based attribute groups supported are:

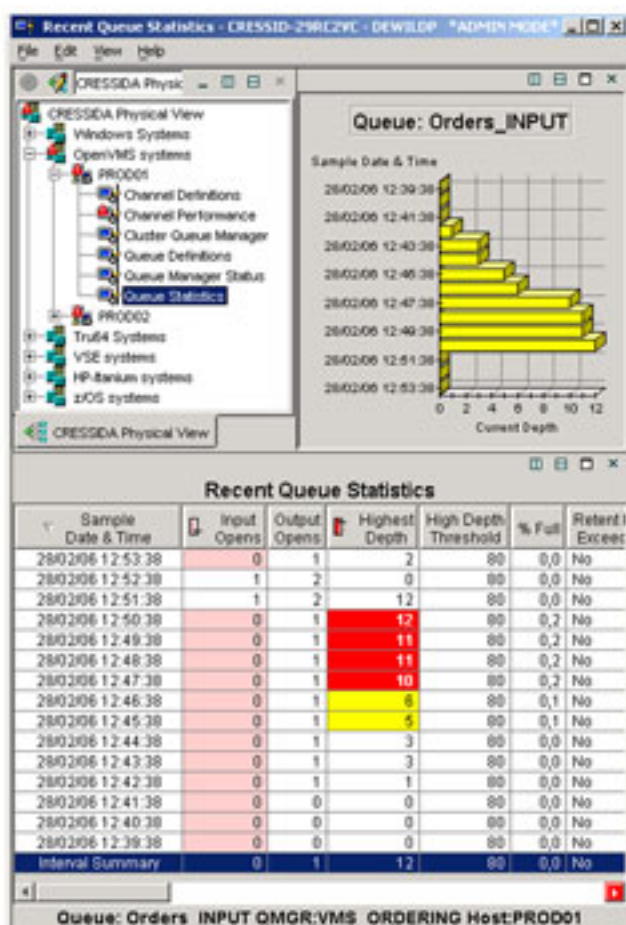
- Channel Definitions, Channel Definition Details, Channel Statistics, Channel Long-Term History, Channel Short-Term History
- Managers (not all attributes)
- Namelist
- Queue Definitions, Queue Definition Details, Queue Handle Status, Queue Long Term History, Queue Short Term History, Queue Status

Data gathered via TeQuest for queue managers running on previously unsupported platforms like OpenVMS, Tru64 Unix, SCO OpenServer or HP-Itanium and others is represented using the attribute groups as for previously supported attribute groups. This means that customised workspaces, situations, policies, and 'take actions' can be used for both Tivoli monitored queue managers and TeQuest monitored queue managers.

TeQuest utilizes the Tivoli Enterprise Portal (TEP) facilities to provides its queue manager reports and displays.

Cressida TeQuest for WebSphere MQ extends the power of OMEGAMON facilities by adding support for many WMQ environments, thus providing visibility, access and control over critical business transactions and messages executing on the supported platforms.

About Cressida: We are an authorized IBM Tivoli solution provider that brings WebSphere MQ performance management, Message Assurance and Message Management solutions consisting of IBM Tivoli along with Cressida developed products. Our offerings allow clients to easily and efficiently monitor and configure their messaging systems, find and track delivery and activity of their messages, provide authorized staff the ability to view and edit their messages, and to replay and recover their messages to a particular point-in-time in the event of system or application failure.



Cressida Technology Ltd
Europe: +44 1483 23 93 00
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 e info@cressida.info w www.cressida.info

OMEGAMON for WebSphere MQ Features, Advantages and Benefits

With Cressida TeQuest for WebSphere MQ you can extend these features, benefits and advantages to all your business critical WMQ platforms.

OMEGAMON for WebSphere MQ Features, Advantages and Benefits		
Features	Advantages	Benefits
Provides monitoring support for WebSphere MQ by presenting system and application status, definition and statistical data in easy to understand tables and graphs	Comprehensive monitoring using predefined workspaces that provide statistical information such as Current Message Rates, Current Average Message Time, and Sub-flow Statistics	Improved performance of a given WebSphere MQ broker or application.
Provides performance and availability insight of the entire WebSphere InterChange Server environment through server, connector and collaboration metrics	Drill-down from summary to detail enables system administrators to quickly locate, identify and resolve bottlenecks and outages	Fewer and shorter interruptions to mission critical or time-sensitive applications
Centralized WebSphere MQ configuration prototyping, management and administration	Comprehensive solution for complex WebSphere MQ environments that enables drill down to problem components	Maximize performance and availability, and improve IT staff productivity
Unified, browser-based interface presents performance metrics of WMQ middleware environment from a single vantage point	Easy to understand charts and tabular data track performance from a single pane of glass	Improve ability to effectively manage performance across WMQ messaging environment components
Situation editor lets you move beyond simple thresholds and helps easily define complex thresholds, situations and alerts	Simplify management and IT staffing by visualizing detailed information about what triggered an alert	Improve resolution of complex alerts by leveraging expert knowledge and industry best practices
Out-of-the box scripts provided for common problems	Consistent problem management using scripts provided, or easily create new scripts from templates	Automatically resolve recurring or common problems
Customize and store different workspaces containing views of critical events and conditions with user-selectable charts and reports	Custom workspaces can be tailored for individual job functions	Improve productivity by providing users with information that is relevant to their role

Cressida's other internally developed product is ReQuest for WebSphere MQ, which provides WMQ Business Transaction Message Tracking and Auditing, Point-in-Time Replay and Recovery, Charge-Back and Accounting, and Regulatory Compliance. Since its introduction in 2004, Cressida's ReQuest has been certified by IBM as a ServerProven solution and successfully adopted by a number of multinational clients to help manage their WMQ environments.

In conjunction with IBM Tivoli Monitoring 6.1 for Systems Monitoring Alerts and Automation on Windows, Unix, Linux, zOS, Databases, Applications, SNMP and more, Cressida can offer a complete solution to your monitoring and message management requirements.



Cressida Technology Ltd
Europe: +44 1483 23 93 00
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e info@cressida.info **w** www.cressida.info