



## BridgeWays Management Pack for Apache Tomcat

### BridgeWays Overview

BridgeWays is the leader in extending Microsoft System Center Operations Manager through proactive consolidated monitoring of Windows, Linux, and Unix applications and virtual environments.

#### BENEFITS

- Manage your whole environment from a single console
- Track key performance indicators to assist with troubleshooting, optimize infrastructure performance and maximize business results
- No additional management system to learn or implement
- Eliminate the burden and cost of integrating and maintaining multiple management systems
- Apply the same best-of-breed approach with service and health models to distributed applications
- Collate data from several management packs into a single distributed application to expedite root cause analysis
- Work with a single vendor for managing a wide range of line-of-business applications
- Works with Service Manager to Track Alerts and manage Change Requests



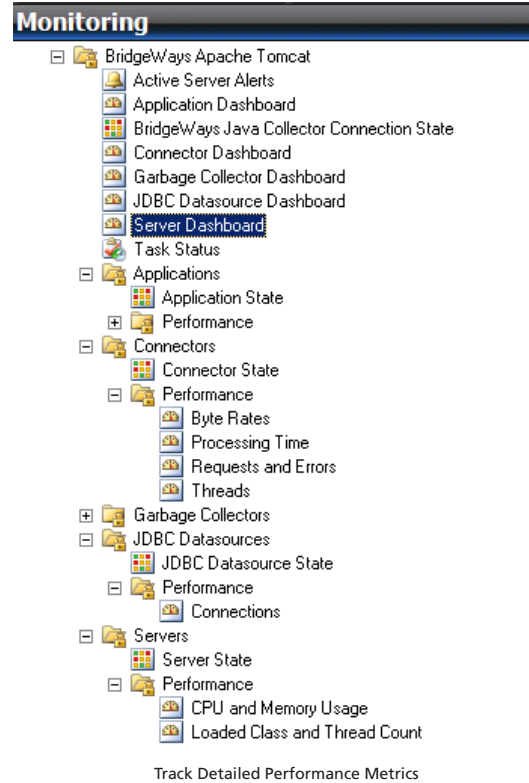
### BridgeWays Management Pack for Apache Tomcat

The BridgeWays Management Pack for Apache Tomcat models the application so that you can quickly determine overall system health and proactively resolve any problems that may arise. It employs Java Management Extensions to automatically discover and monitor the performance characteristics of the environment by consuming the exposed MBeans from both Tomcat and Java.

Tomcat is very popular, both as a standalone web server and as the default web container for application servers like JBoss, due to its excellent support for Java Servlets and JavaServer Pages (JSPs). Apache Tomcat goes beyond the basic web server capabilities of Apache HTTP to bring the full depth and breadth of the Java language to the web developer. However, this added depth brings added complexity, and the need for detailed monitoring of performance, component configuration, and availability.

BridgeWays Management Pack for Apache Tomcat lets you discover and monitor the key components of Apache Tomcat such as individual servers, web applications, connectors, JVM, and connection pools. This information enables you to effectively perform change control and general auditing within the environment, as well as minimize the time required to manage and maintain your Tomcat servers.

Proactively monitoring of your Tomcat servers is key to maintaining dependable online services. BridgeWays provides active monitoring and trending data for performance metrics like processing time, request rate, error rate, garbage collector frequencies, connection pools usage, and CPU



## ABOUT BRIDGEWAYS

BridgeWays, a Microsoft Certified Gold Partner, is the leader in extending Microsoft System Center through proactive consolidated monitoring of Windows, Linux, and UNIX applications and virtual environments. BridgeWays enables organizations to reduce IT costs by leveraging a best of breed approach, applying service and health models to the systems that run their business from a single console. BridgeWays is headquartered in New York, with R&D offices in Ottawa, Bracknell, Frankfurt, Mumbai, and Taipei and sales and support offices worldwide. For more information, please visit [www.bridgeways.ca](http://www.bridgeways.ca).

### Contact Us:

#### Corporate Headquarters

##### New York, USA

149 Madison Ave,  
Suite 302,  
New York, NY  
10016  
Tel: 1.646.747.7648

#### Research and Development Center

##### Ottawa, Canada

301 Moodie Dr.,  
Suite 200,  
Ottawa, Ontario  
K2H 9C4  
Tel: 1.866.602.0994

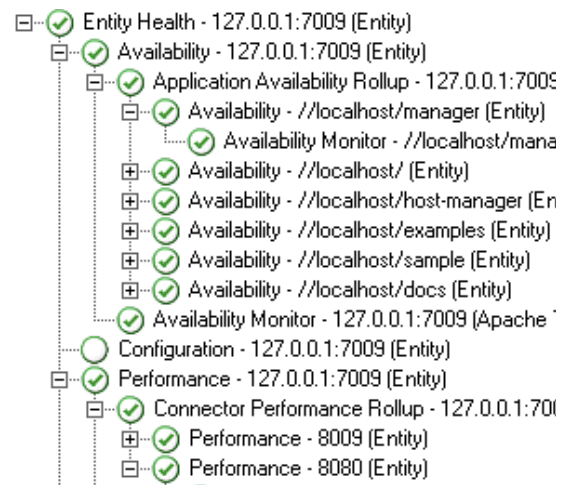


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and memory usage. Monitors associated with the performance metrics notify you of any performance issues by raising alerts for those that go above the configurable thresholds highlighting critical issues within the environment. The performance information provides the details you need to do both short and long term trend analysis, allowing you to proactively detect issues that are developing and resolve them before they result in downtime. With BridgeWays, you will

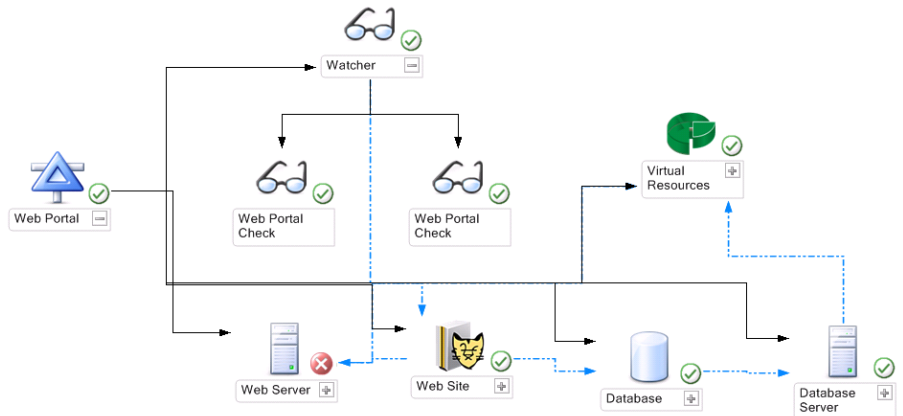
always have up to date performance metrics and data, it is always better to know how the system is operating now as opposed to last time performance metrics were calculated using load generation tools. You are also able to generate reports and build out service level objectives through System Center Operations Manager.

By leveraging all of this functionality you can keep your Apache Tomcat servers operating at peak efficiency.



Monitor Apache Tomcat with Confidence

Finally, by bringing your Tomcat servers into Operations Manager you are able to move away from silo based monitoring and looking at Tomcat in isolation. By using the Distributed Application Designer you can create relationships between the Tomcat servers and all of the other components that combine to create the services you are providing. This allows you to see service as a whole, showing you how the components are interacting and greatly reduce your mean time to resolution on problems because root cause analysis is just a mouse click away.



Distributed Application tying Tomcat, the backend database, operating system and virtual layer together as a single manageable service