

VMware vFabric tc Server™

The Best Place to Build and Run Spring Applications

OPTIMIZED FOR SPRING

With Spring Insight, free with tc Server Developer, developers gain deep performance insight into Spring applications during the development process.

And with tc Server Spring Edition you can extend that same visibility for your application operators in a production environment

IDEAL FOR VIRTUAL

With a memory footprint of 10MB tc Server is ideally suited for modern virtual and cloud environments

COMMERCIAL TOMCAT

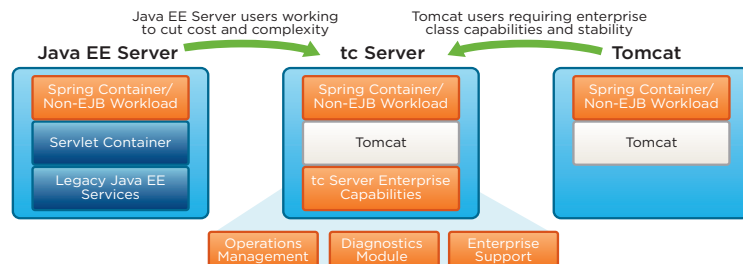
SpringSource is the leader in Apache Tomcat support, with over 400 of the world's largest organizations relying on our Tomcat experts for support. And over 80% of Tomcat code commits in the last two years were made by SpringSource employees

Overview

Available in Spring Edition, Standard Edition and Developer Edition, tc Server is the best place build and run your Spring applications and with its lightweight footprint it is ideally suited for the modern virtual environments of today. And as an enterprise version of Apache Tomcat, vFabric tc Server adds core capabilities to enable Developer Efficiency, operation control and deployment flexibility all backed by mission-critical support.

The Spring container has replaced the EJB container in a majority of enterprise Java applications to become the de facto standard for enterprise Java. Spring has also been a key driver of the adoption of Tomcat, which is now used by more than 70% of organizations according to a recent Evans Data Study. And the Spring/Tomcat stack powers many of the world's most demanding applications across retail, banking, manufacturing, health care and other industry segments.

vFabric tc Server provides the powerful, lightweight benefits of Tomcat along with important enterprise class features that organizations require. It is suited for organizations currently using Spring with legacy Java EE servers and that are considering migrating off expensive and heavyweight application servers, and also for current Tomcat users who need additional operational management and diagnostics capabilities together with enterprise support.



Key Highlights

vFabric tc Server is designed to support the entire application lifecycle with a lightweight platform that is ideally suited for building and running modern applications.

Developer Efficiency

Optimized for running Spring applications, the world's most widely used Java development framework, tc Server includes core capabilities designed to enhance the efficiency of Spring developers:

- Using the Spring Insight console (included with Developer Edition) developers can obtain a dashboard view of real-time Spring application performance metrics. Without changing their code, developers can use Spring Insight to detect, analyze and diagnose application performance issues right from their desktops.
- Developers will be immediately familiar with tc Server since it is based on the popular Tomcat Server that is in use at 70% of organizations today

SELECTED CUSTOMERS

ASSOCIATED
NEWSPAPERS

TESTIMONIAL

“Test and live deployments are taking the developers literally a couple of minutes with tc Server – where they used to take up to two hours on Oracle WebLogic. The throughput on tc Server is at least 3X greater than WebLogic and the CPU and load on the production servers is about half”

— Shaun Perkinson
Associated Newspapers

“Without tc Server, I could not have deployed my web-based applications into the private cloud environment I created. tc Server’s small footprint allows me to deploy a dozen app server instances on one physical box virtualized by VMware, with plenty of capacity left over”

— John Brisbin
NPC International

Operations Management

vFabric tc Server provides operations management and monitoring of servers and applications for a single instance or across many nodes, from a single console. Capabilities include:

Application management

- Native Spring instrumentation to enable fine grain application monitoring in production
- List all applications running in a distributed collection of server instances
- Target, deploy and un-deploy applications to distributed server instances
- Control application parameters like caching and JSP behavior

Server management

- Remote configuration control for server instances
- Define virtual hosts, access logs and web server integration
- Configure JVM parameters such as Java heap size, garbage collection and more
- Dynamic control and re-sizing of thread pools without server restart
- Define server groups

Advanced Server Diagnostics

vFabric tc Server provides advanced diagnostics, such as thread lock detection and automatic and on-demand failure logging to enable swift isolation, diagnosis and repair of issues. Features include:

- Application thread lock detection provides warnings when threads compete for restricted resources in a way that would compromise application integrity
- Configurable automatic and on-demand thread and heap dumping for failure and exception analysis
- Thread to URL association for faster diagnosis when analyzing problems with request processing

Deployment Flexibility

Deploy your applications to physical or virtual hosts

- Lightweight server (10 MB) ideal for virtual environments
- Template-driven server instance creation to simplify and accelerate deployment
- Integrated experience with VMware environments

About SpringSource

SpringSource, a division of VMware, Inc., (NYSE: VMW) and the leader in Java application infrastructure and management, provides a complete suite of software products that accelerate the entire build, run, manage enterprise Java application lifecycle. SpringSource employs the open source leaders who created and drive innovation for Spring, the de facto standard programming model for enterprise Java applications. SpringSource also employs the Java and Web thought leaders within the Apache Tomcat, Apache HTTP Server, Hyperic, Groovy and Grails open source communities. Nearly half of the Global 2000, including many world’s leading retail, financial services, manufacturing, healthcare, technology and public sector clients are SpringSource customers. For more information visit: www.springsource.com.



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