

VMware vFabric™ JEE to tc Server Migration Service

Enabling Application Modernization

AT A GLANCE

The VMware JEE to tc Server Migration service can help accelerate your transition to tc Server. You'll benefit from technical insight, and hands-on expertise from VMware consultants who will help plan and execute a smooth conversion.

Enabling Agile Application Deployment

vFabric™ tc Server is a lightweight application server environment that includes operational management, advanced diagnostics, and mission-critical support capabilities businesses demand. Designed to be a drop-in replacement for Apache Tomcat, vFabric tc Server provides a seamless migration path for existing custom-built and commercial software applications already certified for Tomcat. For enterprises currently using Spring with legacy Java Enterprise Edition (EE) servers, tc Server provides a lean and affordable alternative. tc Server gives you the agility and efficiency demanded by today's dynamic web-based applications.

While the benefits to deploying to a tc Server environment are compelling, it's important to approach the transition with a well-planned strategy. It begins by taking stock of your current IT environment and applications, recognizing existing challenges, and understanding business needs and future plans. Identifying which applications to migrate and how, and which applications should remain in place is the next step. Choosing the right applications to migrate requires analysis of a variety of factors – technical and financial considerations play a role as do application interdependencies and your organization's ability to operate, support, and maintain existing as well as migrated applications.

VMware vFabric Consulting Services helps you execute a successful migration to tc Server. Our vFabric Consultants will explain best practices for planning and executing your migration, provide your team with insights and technical know-how, help you assess target applications to understand the migration impact, and then execute the migration.

JEE to tc Server Migration Service

This three-phase engagement starts with application assessment, followed by the configuration of the tc Server runtime environment and staging environment. After testing and validation, the consulting team works with you to migrate all candidate applications.

Assess Application Details of Current Deployment and Runtime State

The JEE to tc Server Migration Service begins with a comprehensive understanding of your current application and runtime state. Working with your team, we'll inventory target applications to be migrated, capture and assess the current state and identify dependencies and any functional, operational or environmental requirements. During this process, the project team will develop and document migration test criteria required to validate successful application migration.

Configure Runtime Environment

In the second phase of the project, the team will configure a tc Server runtime environment for staging the candidate applications. Migration scanning analysis will be performed which enables JEE dependencies to be identified and isolated. Migration test and validation criteria will also be developed. Working with your team, the candidate applications will be migrated to the staging environment to complete final testing activities.

RELATED SERVICES

- **VMware vFabric tc Server Jumpstart**

In this service, VMware consultants will install and configure a non-production instance of vFabric tc Server and conduct hands-on workshops and knowledge transfer sessions focusing on best practices for integrating tc Server into your existing infrastructure.

- **VMware vFabric Hyperic and tc Server Jumpstart**

In this service, VMware consultants will install and configure a non-production instance of both vFabric Hyperic and vFabric tc Server and conduct hands-on workshops and knowledge transfer sessions focusing on best practices for integrating Hyperic and tc Server into your existing infrastructure. A wide range of information is included and is designed to be flexible depending on the interest and feedback of attendees.

- **VMware vFabric JEE to tc Server Migration Assessment Service**

The VMware vFabric JEE to tc Server Migration Assessment Service is a highly interactive engagement designed to introduce you and your team to JEE to tc Server Migration best practices and explore possible migration scenarios.

Application Migration

In the final phase of the engagement, the project team migrates the candidate applications to the tc Server environment. Operations and systems readiness are verified and all migration and deployment details are documented, including hosts, feature settings, and tuning options. The team will close out the engagement with a best practices workshop covering the JEE to tc Server Migration process, including review of migration steps, migration outcome, and related recommendations.

Benefits

By engaging VMware Professional Services for your tc Server migration project, you'll benefit from our experience, best practices and hands-on guidance. Using proven migration methodologies, our team can help you shorten the migration project timeline and accelerate your transition to tc Server. Our expert consultants will help identify potential problems and incompatibilities, protecting your applications from corruption and data loss. With a documented, tested process in place, your team will gain in-depth understanding of the JEE to tc Server migration process and acquire best practices knowledge for migrating and integrating applications and tc Server into their environment.

Get Started Today

For more information about VMware Professional Services, please contact your local VMware representative or visit www.vmware.com/services.

About VMware Professional Services

VMware Professional Services, the largest services organization of experienced IT professionals focused solely on virtualization, provides industry-leading consulting, education, and technical account manager services that enable customers to transform IT environments through virtualization and realize greater value from flexible, agile IT service delivery models sooner, with less risk. For more information, visit www.vmware.com/services.

