

VMware vFabric™ Hyperic and tc Server™ Jumpstart

AT A GLANCE

Through interactive knowledge transfer sessions and onsite demonstration installations, the VMware vFabric™ Hyperic and tc Server Jumpstart will help your organization quickly leverage the benefits of these vFabric products to build, run and manage your Java applications.

BENEFITS

- Accelerate the benefits of using vFabric tc Server and vFabric Hyperic for hosting and managing Java applications in your environment.
- Mitigate risk by leveraging experienced consultants and proven installation and setup best practices.
- Improve performance with best practices for leveraging tc Server advanced diagnostics features.
- Save time and money by learning methods for quickly scaling and administering Hyperic application management and monitoring for up to hundreds of servers.

Overview

VMware vFabric™ Hyperic provides best-in-class performance monitoring of applications running in virtualized environments. VMware vFabric tc Server provides enterprise users with the lightweight server they want paired with the operational management, advanced diagnostics, and mission-critical support capabilities businesses need.

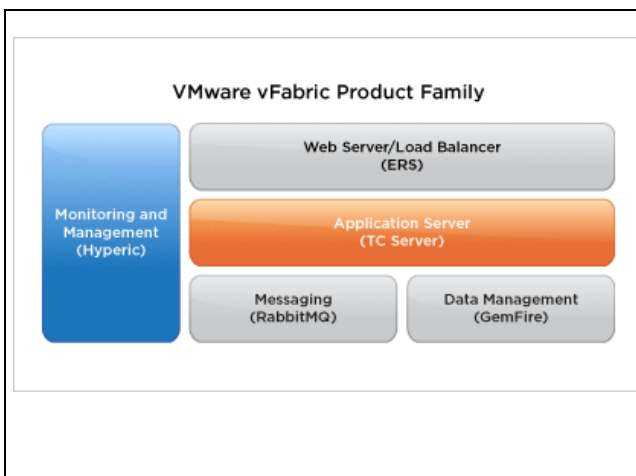
The VMware vFabric Hyperic with tc Server Jumpstart service can quickly help your organization determine how to get the most out of both vFabric Hyperic and vFabric tc Server. By combining a non-production installation of both solutions using your applications, with interactive knowledge transfer sessions tailored to your organization’s interests, your team can quickly begin to leverage vFabric Hyperic and tc Server for building, running and managing your Java applications.

Customer Profile

- Customer IT and Application Operations teams performing initial vFabric Hyperic and tc Server deployments.
- Enterprise customers ready to upgrade and implement a modern application platform or Platform as a Service (PaaS) for virtual and cloud deployments.
- Enterprise customers who have purchased vFabric tc Server and vFabric Hyperic for application modernization, deployment agility, data virtualization, improved system performance monitoring and management.

Deliverables

- Non-production, onsite installation and configuration of vFabric Hyperic server and up to three (3) agents on monitored platforms using customer applications and infrastructure.
- Non-production, onsite installation and configuration of vFabric tc Server using customer applications and infrastructure, including up to three (3) representative Java applications.
- Knowledge transfer of best practices for integrating vFabric Hyperic and tc Server into your existing infrastructure as well as all requirements for full deployment including: Installation, management, and ongoing best practices.



Leverage experienced consultants to accelerate the benefits of using VMware vFabric Hyperic and tc Server to build, deliver and monitor your Java Spring applications in your virtualized environment.

Topics Covered

Knowledge transfer topics included in the vFabric Hyperic and tc Server Jumpstart will be tailored to include those topics most relevant to your organization, based on interviews and information gathering to identify your business, technical and operational requirements. Topics may include:

vFabric Hyperic

- IT environment assessment and fit with project goals.
- vFabric Hyperic Server and agent installation, application monitoring, troubleshooting, alerting, and automated remediation.
- Integration with existing monitoring and systems management tools.
- Metric collection best practices.
- Alert and control action configuration and management.
- User and role configuration, and role-based dashboard setup.
- Integration with VMware vSphere and vCenter.
- Security management.
- Performance and scalability implementation.

vFabric tc Server

- Configuration: Installation scripts, Startup and shutdown, Server.xml (hosts, realms, valves), Context.xml, and other configuration files (default web.xml, catalina.policy, logging.properties)
- Application Deployment: Manager app, Manually, JMX / Ant, vFabric Hyperic
- Application Monitoring
- Load-balancing and clustering
- JVM performance tuning and troubleshooting techniques

The vFabric tc Server interactive technology workshop may also include best practices for managing and monitoring tc Server and deployed applications for a single instance or across many nodes from a single console, and best practices for leveraging tc Server advanced diagnostics features.

Roles and Responsibilities

- VMware Professional Services Consultant: Conduct workshop, set up and configure VMware vFabric Hyperic and vFabric tc Server, and provide knowledge transfer on VMware vFabric Hyperic and tc Server technology and best practices and guidelines for infrastructure integration.

- Customer: Coordinate engagement logistics, including conference room, white board, network and Internet access. Adhere to and/or complete items detailed in the Pre-Engagement Customer Responsibilities Checklist.

Key Activities

Action
Onsite Engagement Kickoff.
vFabric Hyperic and tc Server Knowledge Transfer Sessions.
Requirements Gathering and Stakeholder Interviews.
Install and Configure VMware Hyperic and tc Server Demonstration Environments.
Knowledge transfer of best practices for full deployment and integrating vFabric Hyperic and tc Server into existing infrastructure.
Engagement Wrap-up.

Scope and Pricing

- Up to four (4) days at customer site.
- Maximum of five (5) customer participants.
- Installation and configuration of vFabric tc server and up to three (3) representative Java applications.
- Contact your local VMware representative for pricing information.
- VMware SKU: CON-S2-HYPR-TCS-JS.

Requirements

vFabric tc Server

Customer must provide each customer participant with a desktop computer with a minimum of 1GB of RAM in order to perform tc Server installation, conduct practical sessions and provide the tc Server Jumpstart Service.

vFabric Hyperic

- Monitored systems must be set up in advance of engagement.
- Root access to all monitored systems, with permission to install Hyperic agents on each.
- Monitored systems must not be used for production.

- Spare machine (physical or virtual) on which to install Hyperic server.
- If Oracle or MySQL is to be used for Hyperic server, this database must be setup prior to engagement and root/admin access provided.
- Full or trial license for each Hyperic agent used in Jumpstart.
- Conference room with projector and access to Hyperic server and all monitored systems.
- vFabric Hyperic server machine and database must meet requirements listed at:
<http://support.hyperic.com/display/DOC/Installation+Requirements>
- Monitored systems must be on the list of supported environments (see Figure 1).

For More Information

More information about VMware software and services is available from www.vmware.com and from your local VMware Sales Representative.

Related Services

- **VMware vFabric Paas Planning Service** will help your organization prepare and proactively manage for a successful transition to platform as a service for application development through in-depth understanding of the consideration for successful PaaS deployment and potential design, implementation, and production scenarios.
- **VMware vFabric JEE to tc Server Migration Assessment Service** will help your organization understand the unique considerations needed to successfully migrate from JEE to tc Server.
- **VMware vFabric Hyperic Jumpstart** provides a non-production, onsite installation and configuration of vFabric Hyperic performance monitoring and application management with a guided installation tour and interactive knowledge transfer of best practices for integrating vFabric Hyperic into your existing infrastructure.

VMware vFabric tc Server Jumpstart provides a non-production installation of tc Server lightweight application server using your applications and interactive knowledge transfer.

Figure 1. Supported Environments

Operating Systems:	
– AIX	– NetBSD
– Cisco IOS	– OpenBSD
– Cisco PIXOS	– Solaris
– FreeBSD	– VMware vSphere ESX
– HPUX	– VMware vSphere ESXi
– Linux	– VMware VI3
– Mac OSX	– VMware GSX
– Microsoft Windows	
Servers:	
– ActiveMQ	– Microsoft IIS
– Alfresco	– Microsoft SQL Server
– Apache webserver	– Oracle RDBMS
– Apache Tomcat	– Oracle WebLogic
– Bind	– Perbal
– Coldfusion	– Postfix
– DB2	– PostgreSQL
– Geronimo	– Resin
– Glassfish	– Samba
– IBM WebSphere	– Sendmail
– Informix	– Spring Applications
– iPlanet	– SpringSource ERS
– JBoss	– SpringSource
– JRun	– Hyperic agent
– Jetty	– SpringSource tc server
– Memcached	– Sun JVM
– MQSeries	– Sybase
– Microsoft .NET	– VMware vCenter
– Microsoft Exchange	– VMware Zimbra
– Microsoft ActiveDirectory	

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.

Terms and Conditions

This datasheet is for informational purposes only. VMWARE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, IN THIS DATASHEET.

All VMware service engagements are governed by the [VMware Professional Services General Terms and Conditions](http://www.vmware.com/files/pdf/services/tc.pdf) (see <http://www.vmware.com/files/pdf/services/tc.pdf>).



VMware, Inc. 3401 Hillview Avenue Palo Alto CA 94304 USA Tel 877-486-9273 Fax 650-427-5001 www.vmware.com
© 2011 VMware, Inc. All rights reserved. This product is protected by U.S. and international copyright and intellectual property laws. This product is covered by one or more patents listed at <http://www.vmware.com/download/patents.html>. VMware is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies.

If you are located in the United States, the VMware contracting entity for the service will be VMware, Inc., and if outside of the United States, the VMware contracting entity will be VMware International Limited.

VMware SKU: CON-S2-HYPR-TCS-JS