



Software Product Description

PRODUCT: Compaq TeMIP WebCenter V4.0

SPD 80.22.01

DESCRIPTION

The TeMIP WebCenter web-enables existing User Interface applications, so that they can be published on corporate Intranets or the Internet without rewriting them.

The TeMIP WebCenter delivers access to any type of application from any Java technology enabled Internet device, without requiring any additional software installation on that device.

This approach drastically reduces the time to deliver applications, allows the applications to reach more users, and moves the management of users and applications back to centrally located servers.

TeMIP WebCenter is based on the standard Tarantella product from SCO (Tarantella Web site: <http://tarantella.sco.com>)

The TeMIP WebCenter product dramatically reduces the time to solution by providing installation, pre-configuration and deployment capabilities on top of the SCO product.

By using TeMIP WebCenter, administrators are able to deploy a Tarantella solution very rapidly, specifically tailored to the TeMIP common set of Presentation Modules (PMs) (Tru64 UNIX and Windows NT).

The TeMIP WebCenter also facilitates the administration of Tarantella by providing a Graphical User Interface on top of the Tarantella Command Line interface.

Besides the installation, configuration and deployment of the standard Tarantella product, administrators can also install and configure other third party products such as:

- A Web server (Netscape FastTrack for Tru64 UNIX)

- Citrix ICA clients (for displaying Windows applications in a multi-platform environment)

To achieve these tasks, the TeMIP WebCenter makes extensive use of TeMIP SystemMate. This allows administrators that are familiar with this tool to adapt the TeMIP WebCenter to specific customer requirements.

Architecture

Tarantella provides an innovative three-tier architecture, which integrates diverse TeMIP application servers (TeMIP PM Clients or TeMIP Full Servers) and diverse client types (Compaq workstations, desktop PCs, laptops, ...)

TeMIP PMs continue to run on the servers they are on today (tier 3).

Existing clients (tier 1) are given access to TeMIP applications through standard Web browsers such as Netscape Communicator or Microsoft Internet Explorer.

At tier 2, the TeMIP WebCenter software components (including a Web server) reside on a host on the network that can be viewed as a black box that enables any client to access any application (TeMIP PM or third party applications).

Tarantella has load-balancing capabilities at tier 2 and tier 3, which ensure user sessions are run sensibly across multiple servers -- Tarantella servers and TeMIP application servers -- at optimum performance. At tier 2, for example, up to 50 Tarantella servers can be added to an array and administered from a single location. This ensures application access is maintained constantly, even if a Tarantella server or a TeMIP application server becomes temporarily unavailable.

The Tarantella server stores state information centrally about users and their associated applications. When a user connects to the Tarantella server, a *webtop* (a dynamically created web page that is unique to each user) is delivered to the user.

User authentication

The user connects to a WebCenter host with a Web server and Tarantella running on it using a Web browser. The browser accesses a login page containing a login applet.

Users must provide their username and password using this applet. If the correct credentials are supplied, a request is issued to the Tarantella datastore engine to search and find the user profile.

User webtops

A personalized web page is created dynamically, using the objects associated with the user stored in the Tarantella datastore, and is loaded into the Web browser.

From this page, the user can launch applications he or she has been granted access to by the WebCenter administrator.

When the user clicks on one of the application icons, the corresponding application is started on the application server.

For native GUI applications (X/Motif, Windows NT), a specific protocol engine is started on the Tarantella server. This acts as a gateway between the client display engine and the application.

Key features

TeMIP WebCenter provides a key set of product features aimed at organizations with diverse TeMIP operating environments.

These include:

- Installation of Netscape FastTrack for Tru64 UNIX
- Installation and configuration of Citrix ICA clients
- A consistent and integrated Web-enabled management framework for all users and applications
- The capability to describe a hierarchical organization in terms of nested organizational units
- Single point of login to all application servers
- Single sign-on mechanism for Web applications
- The ability to suspend and resume applications
- Optimized network performance over local or wide area networks. An adaptive protocol is used between tier 1 and tier 2 that can cope with low bandwidth connections.

- Secure, authenticated connections
- Scalability features, including single point of administration
- User and application information replication between different TeMIP WebCenter hosts
- Load balancing capabilities at tier 2 and tier 3
- Fast recovery after Web browser abnormal termination
- The ability to customize user *webtops* (for example, localization, apply graphical guidelines, ...)

SOFTWARE COMPONENTS

The TeMIP WebCenter V4.0 packaging consists of the following software kits and products:

- Tarantella 1.41.901
- Tarantella Security Pack 1.41.901
- Netscape FastTrack 3.0.1 for Tru64 UNIX

DOCUMENTATION

The following documentation is delivered with the TeMIP WebCenter:

- Compaq TeMIP WebCenter Administrator's Guide

HARDWARE REQUIREMENTS

On the Tru64 UNIX platform:

Alpha Enterprise System Class:

- Compaq AlphaServer GS60, GS80, GS140

Alpha Departmental System Class:

- Compaq AlphaServer ES40

Alpha Workgroup System Class:

- Compaq AlphaServer DS10, DS20
- Compaq Professional Workstation XP1000

Disk Space Requirements

Disk space required for installation: 250MB

Memory Requirements

Recommended memory size for the TeMIP WebCenter server is 512MB.

SOFTWARE REQUIREMENTS

On the UNIX system:

- TeMIP SystemMate V4.0
- Tru64 UNIX operating system V4.0F

GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of this product may be different from the current version requirements.

YEAR 2000 READY

This product is Year 2000 Ready.

"Year 2000 Ready" products are defined by Compaq as products capable of accurately processing, providing, and/or receiving date data from, into and between the twentieth and the twenty-first centuries, and the years 1999 and 2000, including leap year calculations, when used in accordance with the associated Compaq product documentation and provided that all hardware, firmware and software used in combination with such Compaq products properly exchange accurate date data with the Compaq products.

For additional information visit Compaq's DIGITAL Products Year 2000 Ready web site located at <http://ww1.digital.com/year2000/warranty.asp>.

To ensure that this product is Year 2000 Ready, code assessment and system tests to verify the transition between December 31st 1999 and January 1st 2000 were utilized.

To ensure that this product inter-operates properly with other hardware and software, the system tests involving Compaq's TeMIP V4.0 are applicable, as this product was verified as being Year 2000 Ready.

DISTRIBUTION MEDIA

Software Media and Documentation: QA-6GBAA-H8

(Documentation is available in .HTML and .PDF format with the software kit)

ORDERING INFORMATION

Software License:

- QM-6GBAA-AA for TeMIP WebCenter
- QM-6GCAA-AA for TeMIP WebCenter Security Pack

Software Product Services:

- QT-6GB**-** or QR-6GBAA-AA for TeMIP WebCenter
- QT-6GC**-** or QR-6GCAA-AA for TeMIP WebCenter Security Pack

SOFTWARE LICENSING

TeMIP WebCenter and TeMIP WebCenter Security Pack are licensed on a concurrent user basis, calculated on the number of concurrently active named user sessions. The number of user licences

is valid for a Tarantella server array (possibly several physical servers).

This software is furnished under the licensing provisions of Compaq Computer Corporation's Shrinkwrap Terms and Conditions. For more information about the Compaq licensing terms and policies, contact your local Compaq office.

LICENSE MANAGEMENT

The license mechanism of the TeMIP WebCenter (and WebCenter Security Pack) relies entirely on the license mechanism of the underlying SCO product, Tarantella (and Tarantella Security Pack).

To obtain the software license key, use the license request form available on line at <http://www.compaq.com/emea/temip/>

SOFTWARE PRODUCT SERVICES

A variety of service options are available from Compaq. For more information on these services or other available Network Management Services, contact your local Compaq office.

EXPORT RESTRICTIONS

Due to its embedded encryption features (128-bit RSA), the TeMIP WebCenter Security Pack option (QM-6GCAA-AA) is subject to export restrictions, depending on the target country. The international export classification code for the TeMIP WebCenter Security Pack is 5D002.

SOFTWARE WARRANTY

This software is provided by Compaq with a 90 day conformance warranty in accordance with the Compaq warranty terms and applicable to the license purchase.

The above information is valid at time of release. Please contact your local Compaq office for the most up-to-date information.

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