

Entegrity® DCE Bridges

Secure Heterogeneous Infrastructure for Distributed Computing Applications

Entegrity® DCE is the most widely accepted solution for developing and deploying secure distributed computing applications enterprise-wide. Many enterprises are opening up their applications to enable access via browsers and other middleware-based technologies. Entegrity shares its vision of how enterprises can become empowered by bridging Entegrity DCE and other technologies.

There are three trends in today's computer industry that influence many IT Manager's decisions:

Value Chain Connectivity - With the development of the Internet and the more tightly controlled extranets that have been built between business partners has come the emergence of 'value chains', which allow a far more complex relationship to be established between customer and supplier.

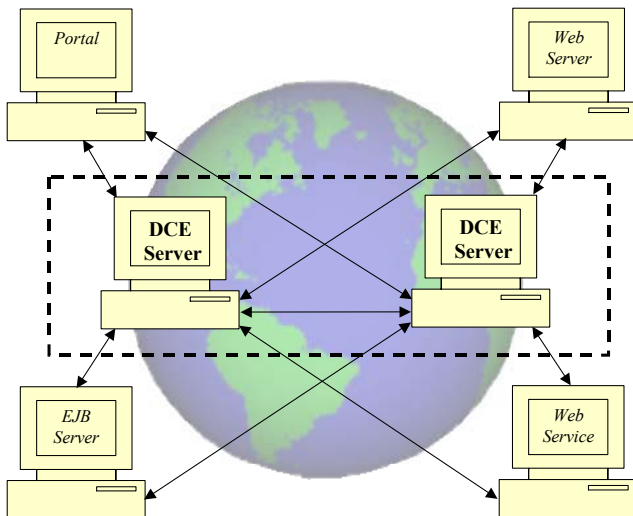
Browser - The emergence of the Web Browser as the primary vehicle for user access has resulted in the drive for back-end applications to have a Web Browser look and feel.

Services-Oriented Architecture - There is tremendous activity to develop and deploy Service-oriented architectures (SOA) - characterized by "Web Services". The services approach focuses on building the business logic of the application as services.

Bridge technology enables valuable investments in DCE applications to securely connect to other middleware platforms such as Web Services, J2EE Application Servers and Microsoft's .NET.

With these offerings organizations can leverage their current investment in existing DCE applications and will be able to:

- Integrate DCE applications with partners, customers and other users along the Value Chain
- Integrate applications across departmental and divisional boundaries
- Implement a Web Service architecture to complement DCE applications



ENTEGRITY Solutions®

Application Security & Single Sign-on

ENTEGRITY DCE AND WEB SERVICES

Web services are typically made available from a business's Web Server or Portal for Web-connected applications. The underlying protocol used by Web services is Simple Object Access Protocol (SOAP) and specifies exactly how to encode an HTTP header and an XML message. SOAP is a form of RPC - but using HTTP and XML. The Entegrity DCE SOAP Bridge permits DCE RPC messages to be converted and then transmitted as Web Services messages. This enables Web Services requestors to call DCE servers as though they were Web Services Responders. Identity and security credentials can be exchanged natively (as DCE PACs wrapped up in WS-Security messages) or by using the Security Assertion Markup Language (SAML). WS-Security and SAML standards are developed by the OASIS organization.

ENTEGRITY DCE AND ENTERPRISE JAVA BEANS

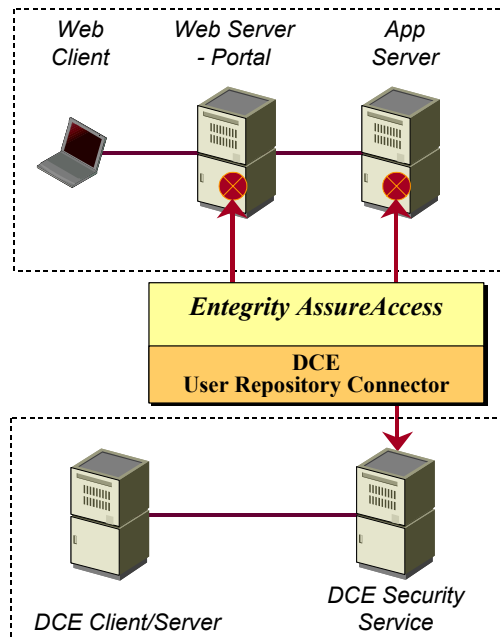
One of the most common paradigms in building web server/portal applications is the three-tier model - with the third tier containing the business logic executing on a J2EE Application Server running a number of EJBs. The Entegrity DCE EJB Bridge allows EJB and DCE RPC services to call each other.

ENTEGRITY DCE AND MICROSOFT .NET

Microsoft's Distributed Component Object Model (DCOM) is based on DCE-RPC. The Entegrity DCE DCOM Bridge translates between the Microsoft "dialect" and that of DCE-RPC. This product enables DCOM applications to call DCE-RPC services and vice versa.

ENTEGRITY DCE SINGLE USER REPOSITORY

Part of the investment within a DCE system is the administration and configuration of user details within the DCE Security Service. As disparate applications connect to each other a common user identity infrastructure needs to be implemented. Using the "User Repository Connector" feature of the Entegrity AssureAccess product, it is possible for authentication and authorization decisions to be made within Web Servers, Portals and J2EE Application Servers on the basis of user identity information registered and maintained by DCE administrators. This allows an organization to leverage its current investment in DCE technology and manpower.



AVAILABILITY

For more details on any of these features, contact your local sales representative or email us at the address provided below.

Platforms Supported /Operating Systems

Operating Systems - DCE

| | |
|-------------------|--------------------|
| Compaq Tru64 UNIX | SuSE Linux |
| HP-UX | Sun Solaris |
| IBM AIX | Windows 2000/NT/98 |
| Red Hat Linux | |



"There was no better choice for our mission-critical systems than DCE. It is a well-architected, proven, standards-based solution."



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