

1. Record Nr.	UNINA9910824918903321
Titolo	Building multi-tier scenarios for WebSphere Enterprise applications // [Holger Wunderlich ... et al.]
Pubbl/distr/stampa	Poughkeepsie, NY, : IBM, International Support Organization, c2003
Edizione	[1st ed.]
Descrizione fisica	1 online resource (194 pages)
Collana	IBM redbooks
Altri autori (Persone)	WunderlichHolger
Disciplina	005.1/17
Soggetti	Object-oriented programming (Computer science) Web site development Application software
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"August 2003."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front cover -- Contents -- Notices -- Trademarks -- Preface -- The team that wrote this redbook -- Become a published author -- Comments welcome -- Part 1 Integrated and multi-tier solution concepts -- Chapter 1. Integrated and multi-tier WebSphere application deployment -- 1.1 Multi-tiered environment considerations -- 1.1.1 Today's e-business infrastructures -- 1.1.2 Platforms to run e-business applications -- 1.1.3 Basic architectural considerations -- 1.1.4 Separating Web components from business logic -- 1.2 Concepts and building blocks for hybrid WebSphere solutions -- 1.2.1 Using the Patterns approach -- 1.2.2 Mapping the patterns to our identified motivations -- 1.3 An introduction to tiers and architectures -- 1.3.1 Introducing multi-tier architectures -- 1.3.2 Multiple logical and physical tiers -- 1.3.3 The network layer -- 1.4 Application architecture and packaging -- 1.4.1 Model-View-Controller (MVC) design pattern -- 1.4.2 Application packaging -- 1.5 Decision guidelines for handling Web applications -- 1.5.1 Deployment choices -- Chapter 2. Integrated and hybrid WebSphere application deployment scenarios -- 2.1 Static Web component relocation -- 2.1.1 Architectural elements for static Web content acceleration -- 2.2 Dynamic component relocation -- 2.2.1 Application elements -- 2.2.2 Overview of hybrid deployment assessment criteria -- 2.2.3 Options for logical application separation -- 2.2.4 Options for physical application

separation -- 2.2.5 Options for J2EE inter-component communication -- 2.3 Evaluation criteria for remote component and EIS access -- 2.3.1 Performance -- 2.3.2 Availability -- 2.3.3 Security -- 2.3.4 Transaction integrity -- 2.3.5 Infrastructure criteria -- 2.3.6 Development and deployment criteria -- 2.3.7 Systems management -- 2.3.8 Strategic considerations -- Chapter 3. Component interaction characteristics. 3.1 Connection types -- 3.1.1 Cross-reference table -- 3.2 RMI/IOP access to remote enterprise beans -- 3.2.1 Performance -- 3.2.2 Availability -- 3.2.3 Security -- 3.2.4 Transaction integrity -- 3.2.5 Infrastructure -- 3.2.6 Development and deployment -- 3.2.7 Systems management -- 3.2.8 Strategic considerations -- 3.3 JDBC access to DB2 -- 3.3.1 DB2 Connect -- 3.3.2 Performance -- 3.3.3 Availability -- 3.3.4 Security -- 3.3.5 Transaction integrity -- 3.3.6 Infrastructure -- 3.3.7 Development and deployment -- 3.3.8 Systems management -- 3.3.9 Strategic considerations -- 3.4 JCA access to CICS -- 3.4.1 CICS Transaction Gateway -- 3.4.2 Performance -- 3.4.3 Availability -- 3.4.4 Security -- 3.4.5 Transaction integrity -- 3.4.6 Infrastructure -- 3.4.7 Development and deployment -- 3.4.8 Systems management -- 3.4.9 Strategic considerations -- Chapter 4. Static Web component optimization -- 4.1 Overview -- 4.2 Dynamic fragment caching concepts -- 4.2.1 Configuring dynamic fragment cache support -- 4.3 Configuration 1: Local IBM HTTP Server for static file handling -- 4.3.1 HTTP session considerations -- 4.3.2 Security considerations -- 4.3.3 System management considerations -- 4.3.4 Performance considerations -- 4.4 Configuration 2: Local IBM HTTP Server with WebSphere HTTP Plug-in -- 4.4.1 HTTP session considerations -- 4.4.2 Security considerations -- 4.4.3 System management considerations -- 4.4.4 Performance considerations -- 4.4.5 Infrastructure considerations for configurations 1 and 2 -- 4.5 Configuration 3: Remote reverse proxy caching server -- 4.5.1 HTTP session considerations -- 4.5.2 Security considerations -- 4.5.3 System management considerations -- 4.5.4 Performance considerations -- 4.6 Configuration 4: Remote IBM HTTP Server with WebSphere HTTP Plug-in -- 4.6.1 HTTP session considerations -- 4.6.2 Security considerations -- 4.6.3 System management considerations -- 4.6.4 Performance considerations -- 4.6.5 Infrastructure considerations for configurations 3 and 4 -- 4.7 Application considerations -- 4.7.1 Application programming and assembly -- 4.8 Trends and directions -- Part 2 Implementation guidelines -- Chapter 5. Implementing static Web content acceleration scenarios -- 5.1 Application development and deployment -- 5.1.1 Analyzing the application -- 5.1.2 Assembling the application -- 5.1.3 Deploying the application -- 5.1.4 Testing the application -- 5.2 Infrastructure implementation -- 5.2.1 Common elements of the configurations -- 5.2.2 Configuration 1: Local IBM HTTP Server for static file handling -- 5.2.3 Configuration 2: Local IBM HTTP Server with WebSphere HTTP Plug-in -- 5.2.4 Configuration 3: Remote reverse proxy caching server -- 5.2.5 Configuration 4: Remote IBM HTTP Server with WebSphere HTTP Plug-in -- Chapter 6. Implementing IOP-based cross-platform scenarios -- 6.1 Application development and deployment -- 6.1.1 Analyzing the application -- 6.1.2 Assembling the application -- 6.1.3 Deploying the application into multiple tiers -- 6.2 Importing the Java Pet Store Demo application into WebSphere Studio Application Developer V4 -- 6.2.1 Preparation of files -- 6.2.2 Importing petstore.ear into WSAD -- 6.2.3 Importing source code into WSAD -- 6.2.4 Testing the application in WebSphere Studio Application Developer V4 -- 6.2.5 Debugging Java Pet Store Demo -- 6.2.6 Problems encountered while splitting Java Pet Store

Demo -- 6.2.7 Processing a Unicode XML file in WebSphere Application
Server Advanced Edition Version 5 -- 6.2.8 Testing the application --
Part 3 Appendixes -- Appendix A. Integrated and multi-platform
scenario sandbox -- 6.2.9 Our testing tools -- Related publications --
IBM Redbooks -- Other publications -- Online resources.
How to get IBM Redbooks -- Index -- Back cover.
