

Middleware Messaging Market

<https://marketpublishers.com/r/M6EAFCD67F6EN.html>

Date: July 2013

Pages: 434

Price: US\$ 3,800.00 (Single User License)

ID: M6EAFCD67F6EN

Abstracts

WinterGreen Research announces the following study: Middleware Messaging Market Shares, Strategies, and Forecasts, Worldwide, 2013-2019.

Worldwide markets are poised to achieve significant growth as middleware messaging becomes the foundation for cloud computing and enterprise participation in mobile markets. Mobile device messaging and messaging for the Internet of things are driving markets. Research team that prepared the middleware messaging market research study, "Cloud and collaboration are leveraging messaging that supports information exchange between mobile devices. The Internet of things is adopting messaging at this time. These areas are providing significant growth for middleware messaging markets. WinterGreen Research is seeing IBM and the dominant vendor, providing reliable messaging for enterprises and tying together open systems software messaging systems with wrappers. It is even used to support exchange of information among various Microsoft Exchange email servers because of the tremendous reliability provided.

Contents

1. MISSION CRITICAL MESSAGING MIDDLEWARE MARKET DEFINITION

- 1.1 Private Cloud Computing Model
 - 1.1.1 IBM WebSphere SOA Open Systems Cloud Foundation
 - 1.1.2 IBM SOA Foundation
- 1.2 Mission Critical Messaging Products
 - 1.2.1 Mission Critical Middleware Messaging
- 1.3 Mission Critical Messaging As A Base For Services Oriented Architecture (SOA)
- 1.4 Mission Critical Messaging As A Base For Secure Application Integration
 - 1.4.1 IBM WebSphere MQ
- 1.5 OASIS Secure, Reliable Transaction Web Services Architecture
 - 1.5.1 Reliable Message-Based Web Services Communication
- 1.6 Mission Critical Middleware Messaging Open Connectivity
 - 1.6.1 Messaging Solutions
- 1.7 Message Trends
- 1.8 Mission Critical Messaging Market Dynamics
- 1.9 SOA Governance Lifecycle
 - 1.9.1 Cloud Model For Consuming And Delivering Business And IT Services
 - 1.9.2 IBM Cloud Computing
 - 1.9.3 IBM Cloud Business Model
 - 1.9.4 Microsoft Cloud Business Model: Private Cloud – Unlimited Virtualization Rights
 - 1.9.5 Comcast Expands Commercial Play With Cloud-Based VoIP, UC offering

2. MISSION CRITICAL MESSAGING MIDDLEWARE MARKET SHARES AND MARKET FORECASTS

- 2.1 IBM Decoupled Messaging is Mission Critical
 - 2.1.1 Superior Application Middleware Delivers Enterprise Agility
- 2.2 Mission Critical Messaging Market Shares
 - 2.2.1 IBM WebSphere MQ
 - 2.2.2 .NET MSMQ from Microsoft
 - 2.2.3 Tibco Transport Layer
 - 2.2.4 Fiorano Enterprise Messaging Backbone
 - 2.2.5 FioranoMQ JMS Server
- 2.3 Mission Critical Messaging Market Forecasts
 - 2.3.1 Worldwide Mission Critical Messaging Unit Shipments Analysis

- 2.3.2 Worldwide Mission Critical Messaging Unit Shipments
- 2.3.3 SOA Integration Of E-Business
- 2.3.4 Market Driving Forces For Real Time Exchange of Information
- 2.3.5 Mission Critical Messaging Growth Factors
- 2.3.6 Backbone Connectivity Across All Platforms with Open Systems
- 2.3.7 Financial Services and Messaging Applications
- 2.3.8 Database Messaging Market Forecasts
- 2.3.9 IBM DB2R Integrates With IBM MQ Messaging For Database Applications
- 2.3.10 Software AG Database Products Integrated With Tibco
- 2.3.11 NET Microsoft Web Services
- 2.3.12 Publish Subscribe Messaging
- 2.3.13 JMS Messaging
- 2.3.14 SCADA Messaging
- 2.3.15 Open Systems Backbone Connectivity Across Platforms / Messaging Integrated Across Microsoft
- 2.4 Mission Critical Messaging Regional Analysis

3. MIDDLEWARE MESSAGING PRODUCT DESCRIPTION

- 3.1 IBM WebSphere MQ
 - 3.1.1 IBM WebSphere MQ
 - 3.1.2 IBM WebSphere MQ Assured Delivery Functions
 - 3.1.3 IBM WebSphere MQ
 - 3.1.4 IBM WebSphere MQ Telemetry Capabilities
 - 3.1.5 IBM WebSphere MQ Support For Growth
 - 3.1.6 IBM WebSphere MQ Reliable File Transfer
 - 3.1.7 IBM WebSphere MQ Integration File Transfer Business Value
 - 3.1.8 IBM WebSphere MQ Clustering
 - 3.1.9 IBM WebSphere MQ Hardware Cluster May Be Set Up In An Active-Passive Mode Or An Active-Active Mode
 - 3.1.10 IBM WebSphere MQ Supports Clustering Through Split Cluster Transmit Queues
 - 3.1.11 IBM WebSphere MQ End-To-End Security
 - 3.1.12 IBM WebSphere MQ Supports Enhanced Security
 - 3.1.13 IBM WebSphere Application Server
- 3.2 Microsoft Middleware
 - 3.2.1 Microsoft.NET Framework Time-to-Market
 - 3.2.2 Microsoft .NET Framework Performance and User Experience
 - 3.2.3 Microsoft.NET Framework Developer Skills and Productivity

3.2.4 Microsoft Visual Studio and .NET

3.3 Tibco Messaging

3.3.1 Tibco Enterprise Message Service

3.3.2 Tibco Rendezvous Publish Subscribe Messaging

3.3.3 Tibco FTL

3.3.4 Tibco Web Messaging

3.3.5 Tibco Messaging Backbone

3.4 FioranoMQ

3.4.1 FioranoMQ JMS Server

3.4.2 FioranoMQ JMS Server Business Benefits

3.4.3 FioranoMQ JMS Server High Performance

3.4.4 FioranoMQ JMS Server Tight Security

3.5 Software AG webMethods Broker

3.5.1 Software AG Enterprise-Class Messaging Backbone

3.5.2 Software AG webMethods Broker Maximum Messaging Performance

3.5.3 Software AG webMethods Broker Support for Different Messaging Styles

3.5.4 Software AG webMethods Broker Policy-Based Clustering

3.6 Oracle

3.6.1 Oracle Fusion Message Oriented Middleware

3.6.2 Oracle Message Oriented Middleware (MOM)- Based System Asynchronous

Exchange Of Messages

3.6.3 Oracle Disadvantages Of Message Loose Coupling

3.6.4 Oracle Message Oriented Middleware

3.6.5 Oracle GlassFish Server

3.6.6 Oracle Business-to-Business Integration

3.6.7 Oracle - WebLogic Suite

3.7 Information Builders / iWay Middleware Software

3.7.1 Information Builders/iWay SOA, EDA, and ESB Middleware Solutions

3.7.2 iWay SOA Middleware

3.7.3 Information Builders/iWay WebFOCUS Business Intelligence

3.7.4 Information Builders/iWay Software's EIM Server

3.7.5 Information Builders/iWay Service Manager

3.7.6 Information Builders/iWay Software Graphical Service Design Tools.

3.7.7 Information Builders/iWay Software Runtime Engine

3.8 Fujitsu Glovia

3.8.1 FUJITSU Interstage

3.8.2 Fujitsu Automated Process Discovery

3.8.3 Fujitsu Interstage Application Server

3.8.4 Fujitsu Interstage Studio

- 3.8.5 Fujitsu Application and Service Management Suite
- 3.8.6 Fujitsu Interstage Software Quality Analyzer
- 3.9 Progress OpenEdge
- 3.10 Aurea Software
- 3.11 Workday Cloud Platform
 - 3.11.1 Workday Integration Cloud Platform Enterprise-Class ESB Grid
- 3.12 Solace Systems 3200 Series Messaging Appliances
- 3.13 Red Hat JBoss Enterprise Middleware Messaging
 - 3.13.1 JBoss Customers
 - 3.13.2 Red Hat AMQP Specification Messaging
- 3.14 Attachmate / Novell SUSE Support for JBoss
 - 3.14.1 Novell Deploys Comprehensive, Enterprise-Ready Enterprise Application Platform
 - 3.14.2 Novell Accelerates Development And Interoperability
 - 3.14.3 Novell JBoss Enterprise Middleware
- 3.15 BMC Middleware Management
 - 3.15.1 BMC Middleware Monitoring
 - 3.15.2 BMC Application Transaction Tracing
- 3.16 GSX Monitor

4. MISSION CRITICAL MESSAGING MIDDLEWARE TECHNOLOGY

- 4.1 Mission Critical Messaging Communication Protocols
 - 4.1.1 Mission Critical Messaging Middleware Transport Layer
 - 4.1.2 IBM WebSphere MQ Publish / Subscribe Messaging
 - 4.1.3 IBM WebSphere MQ Messaging Provider
 - 4.1.4 WebSphere MQ Asynchronous Message Consumption
 - 4.1.5 IBM WebSphere MQ Message Selection
 - 4.1.6 IBM WebSphere MQ Sharing A Communications Connection
 - 4.1.7 IBM WebSphere MQ Read Ahead On Client Connections
 - 4.1.8 Sending IBM WebSphere MQ Messages
 - 4.1.9 IBM WebSphere MQ Channel Exits
 - 4.1.10 IBM WebSphere MQ Message Properties
- 4.2 Mission Critical Messaging As A Base For Services Oriented Architecture (SOA)
- 4.3 Mission Critical Messaging As A Base For Application Integration
 - 4.3.1 IBM WebSphere MQ
- 4.4 AMQP Specification Messaging
 - 4.4.1 Advanced Message Queuing Protocol (AMQP) Business Case
 - 4.4.2 AMQP Makes Practical

4.5 OASIS Secure, Reliable Transaction Web Services Messaging Architecture

4.5.1 Reliable Message-Based Web Services Communication

4.5.2 WS-RM to OASIS Completed

4.6 Streams For Messaging and Data Access

4.7 Message Queuing

4.7.1 Database Message Queuing

4.7.2 Data and Message Transformation

4.8 Componentization

4.9 Speed, Flexibility, and Scalability

4.10 Mission Critical Message Throughput

4.10.1 Message Persistence

4.10.2 Message Size

4.10.3 Data Format

4.10.4 Message Flow Complexity

4.11 Message Input To Output Ratio

4.12 Required Message Rate

4.13 Parallel Message Processing

4.13.1 Serial Message Processing

4.13.2 Recovery Requirements

4.14 Typical Message Patterns

4.15 Processors Manage Specified Message Flows

4.16 Middleware Messaging Technology Issues

4.16.1 Report Messages Functions

4.16.2 Real-Time Technology Issues

4.16.3 MCA Exit Chaining

4.16.4 Remove Channel Process Definition

4.16.5 Improved Stop Channel Command

4.16.6 AMI Objects From LDAP

4.17 Secure Sockets Layer (SSL)

4.18 Dynamic Systems

4.19 Robust, Enterprise-Quality Fault Tolerance

4.19.1 Cache / Queue

4.20 Multicast

4.21 Performance Optimization

4.21.1 Fault Tolerance

4.21.2 Gateways

5. MIDDLEWARE MESSAGING COMPANY DESCRIPTION

- 5.1 Apache
- 5.2 AgilePoint
- 5.3 Attachmate
 - 5.3.1 Attachmate / Novell
- 5.4 Fiorano
 - 5.4.1 Fiorano Leadership In Enterprise Middleware
 - 5.4.2 Fiorano Customers
 - 5.4.3 Customers Worldwide Choose Fiorano
- 5.5 Fujitsu
 - 5.5.1 Fujitsu Revenue
 - 5.5.2 Fujitsu Technology Solutions Services
 - 5.5.3 Fujitsu Personal Computers
 - 5.5.4 Fujitsu Development and Production Facilities
 - 5.5.5 Fujitsu Corporate Strategy
 - 5.5.6 Fujitsu Revenue
 - 5.5.7 Fujitsu Interstage
 - 5.5.8 Fujitsu Acquires RunMyProcess Cloud Service Provider
- 5.6 Hewlett Packard
 - 5.6.1 HP Printing and Personal Systems Group
 - 5.6.2 HP Software
 - 5.6.3 Hewlett Packard Revenue
- 5.7 HostBridge
- 5.8 IBM
 - 5.8.1 IBM Strategy
 - 5.8.2 IBM PureData System for Transactions
 - 5.8.3 IBM Business Partners
 - 5.8.4 IBM Messaging Extension for Web Application Pattern
 - 5.8.5 IBM PureSystems Partners
 - 5.8.6 IBM MobileFirst
 - 5.8.7 IBM Business Analytics and Optimization Strategy
 - 5.8.8 IBM Growth Market Initiatives
 - 5.8.9 IBM Business Analytics and Optimization
 - 5.8.10 IBM Strategy
 - 5.8.11 IBM Smarter Planet
 - 5.8.12 IBM Cloud Computing
 - 5.8.13 IBM Business Model
 - 5.8.14 IBM Business Revenue Segments And Capabilities
- 5.9 Informatica / Active Endpoints
 - 5.9.1 Informatica Master Data Management (MDM)

- 5.9.2 Informatica / Active EndPoints
- 5.10 iWay Software
- 5.11 K2
- 5.12 Kofax
 - 5.12.1 Kofax Financial Results
- 5.13 Layer 7
- 5.14 OpenText
- 5.15 Managed Methods
 - 5.15.1 Managed Methods Solutions
- 5.16 Microsoft
 - 5.16.1 Microsoft Key Opportunities and Investments
 - 5.16.2 Microsoft Smart Connected Devices
 - 5.16.3 Microsoft: Cloud Computing Transforming The Data Center And Information Technology
 - 5.16.4 Microsoft Entertainment
 - 5.16.5 Microsoft Search
 - 5.16.6 Microsoft Communications And Productivity
 - 5.16.7 Microsoft Revenue
 - 5.16.8 Microsoft Customers
 - 5.16.9 Microsoft .NET Framework
- 5.17 Nastel Technologies
 - 5.17.1 Nastel Privately Held Company
- 5.18 NEC
 - 5.18.1 NEC IT Solutions
 - 5.18.2 NEC Carrier Network Business
 - 5.18.3 NEC Social Infrastructure Business
 - 5.18.4 NEC Personal Solutions Business
- 5.19 Oracle
 - 5.19.1 Oracle Revenue
- 5.20 Perficient
- 5.21 Progress Software
 - 5.21.1 Progress Software Revenue
- 5.22 Rally Software
 - 5.22.1 Rally Software Revenue
 - 5.22.2 Rally Software Solutions for Organizations
 - 5.22.3 Rally Software Revenue
- 5.23 Red Hat
 - 5.23.1 Red Hat Open Source Development
 - 5.23.2 Red Hat Products

- 5.23.3 Red Hat Open Source Software
- 5.23.4 Red Hat Business Strategy
- 5.23.5 Red Hat Products And Services
- 5.23.6 Red Hat Enterprise Linux technologies
- 5.23.7 Red Hat Revenue
- 5.23.8 Red Hat / Polymita
- 5.24 SAP
 - 5.24.1 SAP offers NetWeaver
 - 5.24.2 SAP SOA Enterprise Applications
 - 5.24.3 SAP Aligns Solutions With Innovation to Improve Production Process
 - 5.24.4 SAP User Planned Updates
 - 5.24.5 SAP Core Applications
 - 5.24.6 SAP Rapid-Deployment Solutions
- 5.25 SOA Software
 - 5.25.1 SOA Software Enterprise API Management Revenue
 - 5.25.2 SOA Software Partners
 - 5.25.3 SOA Software Customers
 - 5.25.4 SOA Software Innovation
 - 5.25.5 SOA Software Products
- 5.26 Software AG
 - 5.26.1 Software AG
 - 5.26.2 Software AG Revenue by Segment
- 5.27 Tibco Software
 - 5.27.1 Tibco Software
 - 5.27.2 Tibco
 - 5.27.3 Tibco Software Customers
 - 5.27.4 Tibco Event-Enabled Enterprise Platform
 - 5.27.5 Tibco Platform
 - 5.27.6 Tibco SOA Development
 - 5.27.7 Tibco Revenue
 - 5.27.8 Tibco Cloud Computing Environments
 - 5.27.9 Tibco Software Acquires Maporama Solutions
 - 5.27.10 Tibco / Maporama Solutions
 - 5.27.11 Tibco Customer Interpolpolice Deploys Tibbr As Global Collaboration Platform
- 5.28 WSO2
 - 5.28.1 WSO2 Products
 - 5.28.2 WSO2 Open Source and Standards
 - 5.28.3 SEERC Technology Research Center Uses WSO2 for Governance Registry

5.29 VMWare

5.29.1 WorldPay Deploys VMware Network Virtualization to Enable User Self-Provisioning And Support Around-the-Clock Application Development

List Of Tables

LIST OF TABLES AND FIGURES

Table ES-1

Messaging Middleware Market Driving Forces

Table ES-2

Middleware Messaging Market Factors

Figure ES-3

Middleware Messaging and Collaboration Infrastructure

Market Shares, Dollars, Worldwide, 2012

Figure ES-4

Mission Critical Middleware Messaging and Collaboration

Forecasts Dollars, Worldwide, 2013-2019

Figure 1-1

IBM SOA Foundation Business, Infrastructure, and Data

Information Architecture

Table 1-2

Mission Critical Messaging As A Base For SOA Software

Used to Implement Process Flexibility

Table 1-3

Mission Critical Messaging ESB Functions

Table 1-4

Mission Critical Messaging As A Base For Integration Software

Provides A Base For Application Connectivity

Table 1-5

Mission Critical Messaging Integration Functions

Table 1-6

Messaging Middleware Messaging Trends

Table 1-7

Mission Critical Messaging Market Dynamics

Figure 1-8

IBM SOA Governance Lifecycle

Figure 1-9

Private Cloud Attributes

Table 1-10

Private Cloud Computing Model Characteristics

Table 2-1

Messaging Middleware Market Driving Forces

Table 2-2

Middleware Messaging Market Factors

Figure 2-3

Middleware Messaging and Collaboration Infrastructure

Market Shares, Dollars, Worldwide, 2012

Table 2-4

Middleware Messaging and Collaboration Market Shares

Dollars, Worldwide, 2012

Figure 2-5

Mission Critical Middleware Messaging and Collaboration

Forecasts Dollars, Worldwide, 2013-2019

Table 2-6

Middleware Messaging Market Totals, Dollars, Worldwide, 2013-2019

Table 2-7

Mission Critical Messaging Market Segments Dollars and Units,

Worldwide, 2013-2019

Figure 2-8

Mission Critical Middleware Messaging Forecasts,

Distributed Systems, Units, Worldwide, 2013-2019

Figure 2-9

Mission Critical Middleware Messaging Forecasts, System z,

Units, Worldwide, 2013-2019

Figure 2-10

Mission Critical Middleware Messaging Forecasts, Total, Units,

Worldwide, 2013-2019

Table 2-11

Mission Critical Messaging and Collaboration Infrastructure

Units Shipped, Worldwide, 2013-2019

Table 2-12

Market Driving Forces For Real Time Computing

Table 2-13

Market Driving Forces For SOA

Table 2-14

Mission Critical Messaging Growth Factors

Table 2-15

Mission Critical Messaging Benefits

Table 2-16

Messaging Middleware Market Components

Table 2-17

Mission Critical Messaging Financial Services Applications

Table 2-18

Mission critical Messaging Security Aspects

Table 2-19

Mission Critical Telecommunications Messaging Applications

Table 2-20

Mission Critical Government Messaging Applications

Figure 2-21

Mission Critical Middleware Messaging and Collaboration

Tools Regional Market Segments, 2012

Table 2-22

Mission Critical Middleware Messaging and Collaboration

Tools Regional Market Segments Dollars, 2012

Table 3-1

IBM WebSphere MQ Benefits

Table 3-2

IBM WebSphere MQ Functions:

Table 3-3

IBM WebSphere MQ Versatile Messaging Integration From
Mainframe To Mobile

Table 3-4

IBM WebSphere MQ Message Delivery With Security-Rich Features

Table 3-5

IBM WebSphere MQ High-Performance Message Transport

Table 3-6

IBM WebSphere MQ Administrative Features

Table 3-7

IBM WebSphere MQ Open Standards Development Tools

Table 3-8

IBM WebSphere MQ Benefits

Table 3-9

IBM WebSphere MQ Assured Delivery Benefits

Table 3-10

IBM WebSphere MQ Assured Delivery Functions

Figure 3-11

IBM WebSphere MQ WMQ providing a Universal Messaging Backbone

Figure 3-12

IBM WebSphere MQ Goals For Business Resilience in a S
ysplex QSG (Queue Sharing Group)

Table 3-13

IBM WebSphere MQ Telemetry Capabilities

Table 3-14

IBM WebSphere MQ Support For Growth

Table 3-15

IBM WebSphere MQ Reliable File Transfer

Table 3-16

IBM WebSphere MQ Integration Business Value

Table 3-17

IBM WebSphere MQ Middleware Development Facilities

Table 3-18

IBM WebSphere MQ Remote Network Administration And Configuration

Table 3-19

IBM WebSphere MQ Clustering

Table 3-20

IBM WebSphere MQ Time-Independent Processing

Table 3-21

IBM WebSphere MQ End-To-End Security

Table 3-22

IBM WebSphere MQ Web Services

Table 3-23

IBM WebSphere MQ Integration Supported Environments

Table 3-24

Microsoft Infrastructure Middleware Offerings Key Elements

Table 3-24a

Microsoft Infrastructure Middleware Modules

Table 3-24b

Microsoft.NET Framework Benefits

Table 3-25

TIBCO's Messaging Software Benefits

Table 3-25a

Tibco Messaging Solutions Value

Table 3-26

TIBCO's Messaging Software Benefits

Table 3-27

Tibco Rendezvous Publish Subscribe Messaging Benefits

Table 3-28

Tibco FTL Benefits

Table 3-29

TIBCO Web Messaging Benefits

Table 3-30

TIBCO Enterprise Message Functions

Table 3-31

Tibco Messaging Solutions Positioning

Figure 3-32

Tibco Common Backbone for Services and Real Time Information Flow

Figure 3-33

FioranoMQ® Java Message Service (JMS) Compliant Platform

Table 3-34

Fiorano enterprise Messaging Middleware Backbone Features

Table 3-35

Fiorano Messaging Middleware Features

Table 3-36

Fiorano Messaging Middleware Continuous Availability

Table 3-37

Fiorano Messaging Middleware Linear Scalability

Table 3-38

Fiorano Messaging Middleware Robust Security

Table 3-39

Fiorano Messaging Middleware Global Manageability

Table 3-40

Software AG Enterprise-Class Messaging Styles:

Table 3-41

Software AG webMethods Broker Messages Configuration

Table 3-42

Software AG webMethods Broker Message Types

Table 3-43

Software AG webMethods Broker Messaging Quality-Of-Service Requirements Features

Figure 3-44

Oracle Middleware Messaging

Table 3-45

Oracle Middleware Category Groups

Figure 3-46

Oracle Message Oriented Middleware (MOM)-Based System

Asynchronous Exchange Of Messages

Table 3-47

Oracle Combining RPC and MOM Systems

Table 3-48

Information Builders / iWay WebFOCUS Process

Figure 3-49

Information Builders/iWay SOA, EDA, and ESB Middleware Solutions

Table 3-50

iWay Software Technology Functions:

Table 3-51

Information Builders / iWay WebFOCUS BI Functions:

Table 3-52

Fujitsu Glovia Functions

Table 3-53

Workday Integration Cloud Platform Functions:

Table 3-54

Workday's Integration Cloud Platform Components

Table 3-55

Workday's Integration Cloud Platform

Figure 3-56

Workday ESB Process Flows

Table 3-57

Benefits of Solace's High-Performance Messaging Solution

Table 3-58

Red Hat JBoss Enterprise Middleware Messaging Functions

Table 3-59

Red Hat JBoss Open Source Choice Functions

Figure 3-60

Red Hat JBoss Portal Platform Services

Table 3-61

Red Hat® Enterprise MRG Messaging Enterprise Requirements

Features And Performance

Table 3-62

BMC Middleware Management Features

Table 3-63

BMC Middleware Management Solution Function:

Table 3-64

BMC Middleware Management Solution Features:

Table 3-65

BMC Application Transaction Tracing Functions:

Table 3-66

GSX Monitor Features

Table 3-67

GSX Monitor Functions

Table 4-1

Web Services Transport Comparison HTTP and IBM WebSphere MQ

Table 4-1 (Continued)

Web Services Transport Comparison HTTP and IBM WebSphere MQ

Table 4-1 (Continued)

Web Services Transport Comparison HTTP and IBM WebSphere MQ

Figure 4-2

IBM WebSphere MQ Web Services Transport

Figure 4-3

Service Requestor and Service Provider Layers

Figure 4-4

Layered Architecture For IBM JMS Providers

Table 4-5

IBM WebSphere MQ Layered Architecture Objectives:

Figure 4-6

Relationship Between WebSphere MQ Classes for JMS and

WebSphere MQ Classes for Java

Table 4-7

Deciding Whether To Use Read Ahead Using IBM WebSphere MQ

Table 4-8

Mission Critical Messaging As A Base For SOA Software

Used to Implement Process Flexibility

Table 4-9

Mission Critical Messaging ESB Functions

Table 4-10

Mission Critical Messaging As A Base For Integration Software

Provides A Base For Application Connectivity

Table 4-11

Mission Critical Messaging Integration Functions

Table 4-12

Advanced Message Queuing Protocol (AMQP) Key Capabilities

Table 4-13

Advanced Message Queuing Protocol (AMQP) Business Case

Table 4-14

Advanced Message Queuing Protocol (AMQP) Key Features

Figure 4-15

Advanced Message Queuing Protocol (AMQP) Enterprise and

Business Sharing of Information

Table 4-16

AMQP Open Internet Protocol Standard for Message-Queuing
Communications

Table 4-17

AMQP As A Collective Work

Table 4-18

AMQP Use Cases

Table 4-19

Aspects Of Data Streaming Management

Table 4-20

Mission Critical Message Throughput Variables

Table 4-21

Typical Message Flow Characteristics

Table 4-22

Middleware Messaging Technology Issues

Table 4-22 (Continued)

Middleware Messaging Technology Issues

Table 4-23

Automatic Detection And Recovery From Network And System Failure

Table 4-23 (Continued)

Automatic Detection And Recovery From Network And System Failure

Table 4-25

Fault Tolerance Features

Table 4-25 (Continued)

Fault Tolerance Features

Figure 5-1

Fujitsu Main Products

Figure 5-2

Fujitsu Global Business

Figure 5-3

Fujitsu Geographical Market Participation

Figure 5-4

Fujitsu Global Alliances

Figure 5-5

Fujitsu Mixed IT Environments Forecasts

Table 5-6

Fujitsu Facts

Table 5-7

IBM PureSystems Target Industries

Table 5-8

OpenText Enterprise Information Management (EIM) Functions

Table 5-9

Managed Methods Functions

Figure 5-10

Rally Software Platform Functions

Table 5-11

Red Hat Products

Table 5-12

SAP SOA Enterprise Applications Market Metrics

Table 5-13

SAP User Planned Updates

Table 5-14

SAP Core Applications

Table 5-15

SAP Rapid-Deployment Solutions

Table 5-16

Tibco SOA Benefits

About

Mission critical messaging middleware from IBM is the base for software systems integration projects used to implement smart phone apps, mobile applications for the web, cloud computing, and enterprise collaboration suites. IBM WebSphere MQ is the IT industry defacto standard for mission critical information messaging. The IBM WebSphere MQ product continues to completely dominate the enterprise middleware messaging market.

IBM WebSphere MQ is used in the front end distributed systems to interconnect Java messaging when once and only once mission critical capability is needed. It is used on the back end mainframe systems to connect the mainframe to various databases and to distributed systems. IBM WebSphere MQ is a key component used to manage quantum increases in the quantity of data being generated.

Mission critical messaging provides cross platform, cross application support for once and only once delivery of packets of information of files across the network. It is supporting enterprise response to business change. By providing a foundation base for services oriented architecture (SOA), mission critical messaging enables the distributed, globally integrated enterprise to interconnect people and sensors over the Internet.

Decoupled message transport is a significant aspect of modernized IT. It is the base for Cloud, SOA, collaboration tools, and virtualized IT. IBM WebSphereMQ is a defacto industry mission critical messaging standard because it is used quadrillions of times per day worldwide to transport messages between applications. IBM WebSphereMQ is used as a wrapper for other HTTPS, JMS, and SOAP application messaging. It is used to achieve FTP transport.

Mission critical messaging represents a major aspect of IT as data processing moves away from a stack and into an SOA ESB services cloud computing environment that relies on transport. The value of mission critical messaging for SOA is that it leverages a services bus ESB computing environment. Cloud computing is creating new economies of scale for virtualized IT. Data centers are moving away from siloed applications and batch processing to real time systems.

As real time systems are implemented in the cloud, what were scale out distributed server farms for each separate application is giving way to virtualized systems that run simultaneously on one platform. IBM WebSphereMQ becomes a significant aspect of

virtualization because it is so good at managing decoupled messages.

This study illustrates the mission critical middleware messaging market driving forces. It describes the principal competitive factors that impact the success of mission critical messaging solutions. Market pitfalls and market opportunities are addressed in the comprehensive market study that lays out strategy considerations in considerable detail: Markets at \$8.6 billion in 2012 are anticipated to reach \$27.4 billion by 2019. Growth will occur as a result of the rapid rollout of apps to support the 7.4 billion smart phones in use by 2019 and to support the sensor networks that are the Internet of things.

I would like to order

Product name: Middleware Messaging Market

Product link: <https://marketpublishers.com/r/M6EAFCD67F6EN.html>

Price: US\$ 3,800.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M6EAFCD67F6EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970