IBM®

Software Product Compatibility Reports

Detailed System Requirements

Product name

WebSphere MQ 8.0

Operating system

Linux

Contents

Component list

This complete component list provides a high-level view of the components that Linux operating systems supports.
In the detailed section of this report, component lists are provided that contains only the components for the deployment units that the specified operating systems supports.

Component support

✅ The component supports all or some of the Linux versions.

❌ The component does not support any Linux versions.

Desktop

✅ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

✅ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Operating systems

WebSphere MQ 8.0 supports the following Linux operating systems.

Component Support

● Full

◒ Partial

○ None

Summary

Operating system	Hardware	Bitness	Desktop	Server	Agent or Client	Operating system minimum	Product minimum	Notes?
Asianux Linux 3.0	x86-64	64-Exploit	○	●	●	Base	8.0	Yes
Red Hat Enterprise Linux (RHEL) Server 6	POWER System - Big Endian	64-Exploit	○	◒	●	Update 3	8.0	Yes
Red Hat Enterprise Linux (RHEL) Server 6	System z	64-Exploit	○	◒	●	Update 3	8.0	Yes
Red Hat Enterprise Linux (RHEL) Server 6	x86-32	32	●	○	◒	Base	8.0	Yes
Red Hat Enterprise Linux (RHEL) Server 6	x86-64	64-Exploit	●	●	●	Update 3	8.0	Yes
SUSE Linux Enterprise Server (SLES) 11	POWER System - Big Endian	64-Exploit	○	◒	●	SP2	8.0	No

Operating system	Hardware	Bitness	Desktop	Server	Agent or Client	Operating system minimum	Product minimum	Notes?
SUSE Linux Enterprise Server (SLES) 11	System z	64-Exploit	○	◒	●	SP2	8.0	No
SUSE Linux Enterprise Server (SLES) 11	x86-32	32	●	○	◒	SP2	8.0	No
SUSE Linux Enterprise Server (SLES) 11	x86-64	64-Exploit	●	●	●	SP2	8.0	No
Ubuntu 12.04 LTS	x86-64	64-Exploit	○	●	●	Base	8.0	Yes

Asianux Linux 3.0 x86-64

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

✅ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Operating System Service Packs, Current and Future ⋯⟩

Deployment unit	Component	Bitness	Base	⋯⟩
Server	MQ Advanced Message Security	64-Exploit	✅ (1)	✅
	MQ Managed File Transfer Service	64-Exploit	✅ (1)	✅
	MQ Queue Manager	64-Exploit	✅ (1)	✅
	MQ Telemetry Server	64-Exploit	✅ (1)	✅

Deployment unit	Component	Bitness	Base	⋯⟩
Agent or client	MQ Client	64-Exploit	✓ (1)	✓
	MQ Managed File Transfer Agent	64-Exploit	✓ (1)	✓
	MQ Resource Adapter	64-Exploit	✓ (1)	✓

Notes

1. For development use only. Not for use within production systems. Limitations are no support for WMQ Explorer and SSL/TLS.

Red Hat Enterprise Linux (RHEL) Server 6 POWER System - Big Endian

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Operating System Service Packs, Current and Future ⋯➔

Deployment unit	Component	Bitness	Base	Update 1	Update 2	Update 3	Update 4	Update 5	⋯➔
Server	MQ Advanced Message Security	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅
	MQ Managed File Transfer Service	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅
	MQ Queue Manager	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅
Agent or client	MQ Client	64-Exploit	❌	❌	❌	✅	✅	✅	✅

Deployment unit	Component	Bitness	Base	Update 1	Update 2	Update 3	Update 4	Update 5	⋯⟫
						(1)	(1)	(1)	
	MQ Managed File Transfer Agent	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅
	MQ Resource Adapter	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. SELinux must be disabled.

Red Hat Enterprise Linux (RHEL) Server 6 System z

Legend:　✅ Supported　❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Operating System Service Packs, Current and Future ⋯➔

Deployment unit	Component	Bitness	Base	Update 1	Update 2	Update 3	Update 4	Update 5	⋯➔
Server	MQ Advanced Message Security	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅
	MQ Managed File Transfer Service	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅
	MQ Queue Manager	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅
Agent or client	MQ Client	64-Exploit	❌	❌	❌	✅	✅	✅	✅

Deployment unit	Component	Bitness	Base	Update 1	Update 2	Update 3	Update 4	Update 5	⋯⟩
						(1)	(1)	(1)	
	MQ Managed File Transfer Agent	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅
	MQ Resource Adapter	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. SELinux must be disabled.

Red Hat Enterprise Linux (RHEL) Server 6 x86-32

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

✅ MQ Explorer

Server

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Operating System Service Packs, Current and Future ⋯›

Deployment unit	Component	Bitness	Base	Update 1	Update 2	Update 3	Update 4	Update 5	⋯›
Desktop	MQ Explorer	32	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅
Agent or client	MQ Client	32	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. SELinux must be disabled.

Red Hat Enterprise Linux (RHEL) Server 6 x86-64

Legend: ✅ Supported ❌ Not supported

Components

Desktop

✅ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

✅ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Operating System Service Packs, Current and Future ⋯›

Deployment unit	Component	Bitness	Base	Update 1	Update 2	Update 3	Update 4	Update 5	⋯›
Desktop	MQ Explorer	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅
Server	MQ Advanced Message Security	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅
	MQ Managed File Transfer Service	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅
	MQ Queue Manager	64-Exploit	❌	❌	❌	✅	✅	✅	✅

Deployment unit	Component	Bitness	Base	Update 1	Update 2	Update 3	Update 4	Update 5	⋯⟩
						(1)	(1)	(1)	
	MQ Telemetry Server	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅
Agent or client	MQ Client	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅
	MQ Managed File Transfer Agent	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅
	MQ Resource Adapter	64-Exploit	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. SELinux must be disabled.

SUSE Linux Enterprise Server (SLES) 11 POWER System - Big Endian

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Operating System Service Packs, Current and Future ⋯›

Deployment unit	Component	Bitness	Base	SP1	SP2	SP3	⋯›
Server	MQ Advanced Message Security	64-Exploit	❌	❌	✅	✅	✅
	MQ Managed File Transfer Service	64-Exploit	❌	❌	✅	✅	✅
	MQ Queue Manager	64-Exploit	❌	❌	✅	✅	✅
Agent or client	MQ Client	64-Exploit	❌	❌	✅	✅	✅

Deployment unit	Component	Bitness	Base	SP1	SP2	SP3	⋯➔
	MQ Managed File Transfer Agent	64-Exploit	❌	❌	✅	✅	✅
	MQ Resource Adapter	64-Exploit	❌	❌	✅	✅	✅

SUSE Linux Enterprise Server (SLES) 11 System z

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Operating System Service Packs, Current and Future ⋯›

Deployment unit	Component	Bitness	Base	SP1	SP2	SP3	⋯›
Server	MQ Advanced Message Security	64-Exploit	❌	❌	✅	✅	✅
	MQ Managed File Transfer Service	64-Exploit	❌	❌	✅	✅	✅
	MQ Queue Manager	64-Exploit	❌	❌	✅	✅	✅
Agent or client	MQ Client	64-Exploit	❌	❌	✅	✅	✅

Deployment unit	Component	Bitness	Base	SP1	SP2	SP3	⋯➔
	MQ Managed File Transfer Agent	64-Exploit	❌	❌	✅	✅	✅
	MQ Resource Adapter	64-Exploit	❌	❌	✅	✅	✅

SUSE Linux Enterprise Server (SLES) 11 x86-32

Legend: ✅ Supported ❌ Not supported

Components

Desktop

✅ MQ Explorer

Server

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Operating System Service Packs, Current and Future ⋯➔

Deployment unit	Component	Bitness	Base	SP1	SP2	SP3	⋯➔
Desktop	MQ Explorer	32	❌	❌	✅	✅	✅
Agent or client	MQ Client	32	❌	❌	✅	✅	✅

SUSE Linux Enterprise Server (SLES) 11 x86-64

Legend: ✅ Supported ❌ Not supported

Components

Desktop

✅ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

✅ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Operating System Service Packs, Current and Future ⋯➤

Deployment unit	Component	Bitness	Base	SP1	SP2	SP3	⋯➤
Desktop	MQ Explorer	64-Exploit	❌	❌	✅	✅	✅
Server	MQ Advanced Message Security	64-Exploit	❌	❌	✅	✅	✅
	MQ Managed File Transfer Service	64-Exploit	❌	❌	✅	✅	✅
	MQ Queue Manager	64-Exploit	❌	❌	✅	✅	✅

Deployment unit	Component	Bitness	Base	SP1	SP2	SP3	⋯▶
	MQ Telemetry Server	64-Exploit	❌	❌	✅	✅	✅
Agent or client	MQ Client	64-Exploit	❌	❌	✅	✅	✅
	MQ Managed File Transfer Agent	64-Exploit	❌	❌	✅	✅	✅
	MQ Resource Adapter	64-Exploit	❌	❌	✅	✅	✅

Ubuntu 12.04 LTS x86-64

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

✅ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Operating System Service Packs, Current and Future ⋯⟩

Deployment unit	Component	Bitness	Base	⋯⟩
Server	MQ Advanced Message Security	64-Exploit	✅ (1)	✅
	MQ Managed File Transfer Service	64-Exploit	✅ (1)	✅
	MQ Queue Manager	64-Exploit	✅ (1)	✅
	MQ Telemetry Server	64-Exploit	✅ (1)	✅

Deployment unit	Component	Bitness	Base	⇢
Agent or client	MQ Client	64-Exploit	✅ (1)	✅
	MQ Managed File Transfer Agent	64-Exploit	✅ (1)	✅
	MQ Resource Adapter	64-Exploit	✅ (1)	✅

Notes

1. For development use only. Not for use within production systems. Limitations are no support for WMQ Explorer and SSL/TLS.

IBM

Hypervisors

WebSphere MQ 8.0 supports the following hypervisors.

Component Support

⬤ Full

◑ Partial

◯ None

Summary

Virtualization. Defect support is available for virtualization environments where they relate to releases of this platform already supported by WebSphere MQ. Unless stated elsewhere in the system requirements WebSphere MQ has not been specifically tested in virtualization environments.
WebSphere MQ support is therefore unable to assist in issues related to configuration and setup, or issues that are directly related to the virtualization environment itself.
Please also refer to:

- WebSphere MQ's support position on Virtualization, low-level hardware, file systems on networks and high availability
- WebSphere MQ support position regarding Solaris zones
- Installing WebSphere MQ in AIX Workload Partitions
- Software support for IBM SWG products in a VMware environment.
- Server virtualization policy for IBM software

Hypervisor	Desktop	Server	Agent or Client	Limited guest operating system support?	Product minimum	Notes?
IBM PR/SM any version	◯	◑	⬤	Yes	8.0	No
IBM PowerVM Hypervisor (LPAR, DPAR, Micro-Partition) any supported version	◯	◑	⬤	Yes	8.0	No
KVM in SUSE Linux Enterprise Server (SLES) 11	⬤	⬤	⬤	Yes	8.0	No

Hypervisor	Desktop	Server	Agent or Client	Limited guest operating system support?	Product minimum	Notes?
Red Hat KVM as delivered with Red Hat Enterprise Linux (RHEL) and its RHEV equivalent 6.0	●	●	●	Yes	8.0	No
VMware ESXi 5.0	●	◒	●	Yes	8.0	No
VMware ESXi 5.1	●	◒	●	Yes	8.0	No
z/VM 6.1	○	◒	●	Yes	8.0	No
z/VM 6.2	○	◒	●	Yes	8.0	No
z/VM 6.3	○	◒	●	Yes	8.0	No

IBM PR/SM any version

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Hypervisor Maintenance Levels, Current and Future ⋯›

Deployment unit	Component	any version	⋯›
Server	MQ Advanced Message Security	✅	✅
	MQ Managed File Transfer Service	✅	✅
	MQ Queue Manager	✅	✅
Agent/End-point	MQ Client	✅	✅
	MQ Managed File Transfer Agent	✅	✅

Deployment unit	Component	any version	··›
	MQ Resource Adapter	✅	✅

Guest Operating Systems

Components	Supported guest operating systems
All components that this hypervisor supports **Server** • MQ Advanced Message Security • MQ Managed File Transfer Service • MQ Queue Manager **Agent/End-point** • MQ Client • MQ Managed File Transfer Agent • MQ Resource Adapter	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 System z

IBM PowerVM Hypervisor (LPAR, DPAR, Micro-Partition) any supported version

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Hypervisor Maintenance Levels, Current and Future ⋯➤

Deployment unit	Component	any supported version	⋯➤
Server	MQ Advanced Message Security	✅	✅
	MQ Managed File Transfer Service	✅	✅
	MQ Queue Manager	✅	✅
Agent/End-point	MQ Client	✅	✅

Deployment unit	Component	any supported version	⋯⟩
	MQ Managed File Transfer Agent	✅	✅
	MQ Resource Adapter	✅	✅

Guest Operating Systems

Components	Supported guest operating systems
All components that this hypervisor supports **Server** • MQ Advanced Message Security • MQ Managed File Transfer Service • MQ Queue Manager **Agent/End-point** • MQ Client • MQ Managed File Transfer Agent • MQ Resource Adapter	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 POWER System - Big Endian • Red Hat Enterprise Linux (RHEL) Server 6 Update 5 POWER System - Big Endian • SUSE Linux Enterprise Server (SLES) 11 SP2 POWER System - Big Endian • SUSE Linux Enterprise Server (SLES) 11 SP3 POWER System - Big Endian

KVM in SUSE Linux Enterprise Server (SLES) 11

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

✅ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

✅ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Hypervisor Maintenance Levels, Current and Future ⋯→

Deployment unit	Component	11	⋯→
Desktop	MQ Explorer	✅	✅
Server	MQ Advanced Message Security	✅	✅
	MQ Managed File Transfer Service	✅	✅
	MQ Queue Manager	✅	✅
	MQ Telemetry Server	✅	✅

Deployment unit	Component	11	··›
Agent/End-point	MQ Client	✅	✅
	MQ Managed File Transfer Agent	✅	✅
	MQ Resource Adapter	✅	✅

Guest Operating Systems

Components	Supported guest operating systems
Server • MQ Advanced Message Security • MQ Managed File Transfer Service • MQ Queue Manager **Agent/End-point** • MQ Client • MQ Managed File Transfer Agent • MQ Resource Adapter	• SUSE Linux Enterprise Server (SLES) 11 SP2 POWER System - Big Endian • SUSE Linux Enterprise Server (SLES) 11 SP3 POWER System - Big Endian • SUSE Linux Enterprise Server (SLES) 11 SP2 System z • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-32 • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64
Desktop • MQ Explorer **Server** • MQ Telemetry Server	• SUSE Linux Enterprise Server (SLES) 11 SP3 POWER System - Big Endian • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64

Red Hat KVM as delivered with Red Hat Enterprise Linux (RHEL) and its RHEV equivalent 6.0

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

✅ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

✅ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Hypervisor Maintenance Levels, Current and Future ⸱⸱➔

Deployment unit	Component	6.0	⸱⸱➔
Desktop	MQ Explorer	✅	✅
Server	MQ Advanced Message Security	✅	✅
	MQ Managed File Transfer Service	✅	✅
	MQ Queue Manager	✅	✅

Deployment unit	Component	6.0	⋯⟩
	MQ Telemetry Server	✓	✓
Agent/End-point	MQ Client	✓	✓
	MQ Managed File Transfer Agent	✓	✓
	MQ Resource Adapter	✓	✓

Guest Operating Systems

Components	Supported guest operating systems
Server • MQ Advanced Message Security • MQ Managed File Transfer Service • MQ Queue Manager **Agent/End-point** • MQ Client • MQ Managed File Transfer Agent • MQ Resource Adapter	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 POWER System - Big Endian • Red Hat Enterprise Linux (RHEL) Server 6 Update 5 POWER System - Big Endian • Red Hat Enterprise Linux (RHEL) Server 6 Update 3 System z • Red Hat Enterprise Linux (RHEL) Server 6 x86-32 • Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64
Desktop • MQ Explorer **Server** • MQ Telemetry Server	• Red Hat Enterprise Linux (RHEL) Server 6 Update 5 POWER System - Big Endian • Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64

VMware ESXi 5.0

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

✅ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Hypervisor Maintenance Levels, Current and Future ··>

Deployment unit	Component	5.0	··>
Desktop	MQ Explorer	✅	✅
Server	MQ Advanced Message Security	✅	✅
	MQ Managed File Transfer Service	✅	✅
	MQ Queue Manager	✅	✅
Agent/End-point	MQ Client	✅	✅

Deployment unit	Component	5.0	··>
	MQ Managed File Transfer Agent	✅	✅
	MQ Resource Adapter	✅	✅

Guest Operating Systems

Components	Supported guest operating systems
Desktop • MQ Explorer	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64
Server • MQ Advanced Message Security • MQ Managed File Transfer Service • MQ Queue Manager **Agent/End-point** • MQ Client • MQ Managed File Transfer Agent • MQ Resource Adapter	• Asianux Linux 3.0 x86-64 • Red Hat Enterprise Linux (RHEL) Server 6 x86-32 • Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-32 • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64 • Ubuntu 12.04 LTS x86-64

VMware ESXi 5.1

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

✅ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Hypervisor Maintenance Levels, Current and Future ⋯›

Deployment unit	Component	5.1	⋯›
Desktop	MQ Explorer	✅	✅
Server	MQ Advanced Message Security	✅	✅
	MQ Managed File Transfer Service	✅	✅
	MQ Queue Manager	✅	✅
Agent/End-point	MQ Client	✅	✅

Deployment unit	Component	5.1	··›
	MQ Managed File Transfer Agent	✅	✅
	MQ Resource Adapter	✅	✅

Guest Operating Systems

Components	Supported guest operating systems
Desktop • MQ Explorer	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64
Server • MQ Advanced Message Security • MQ Managed File Transfer Service • MQ Queue Manager **Agent/End-point** • MQ Client • MQ Managed File Transfer Agent • MQ Resource Adapter	• Asianux Linux 3.0 x86-64 • Red Hat Enterprise Linux (RHEL) Server 6 x86-32 • Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-32 • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64 • Ubuntu 12.04 LTS x86-64

z/VM 6.1

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Hypervisor Maintenance Levels, Current and Future ⇢

Deployment unit	Component	6.1	⇢
Server	MQ Advanced Message Security	✅	✅
	MQ Managed File Transfer Service	✅	✅
	MQ Queue Manager	✅	✅
Agent/End-point	MQ Client	✅	✅
	MQ Managed File Transfer Agent	✅	✅

Deployment unit	Component	6.1	··>
	MQ Resource Adapter	✓	✓

Guest Operating Systems

Components	Supported guest operating systems
All components that this hypervisor supports **Server** • MQ Advanced Message Security • MQ Advanced Message Security • MQ Advanced Message Security • MQ Managed File Transfer Service • MQ Managed File Transfer Service • MQ Managed File Transfer Service • MQ Queue Manager • MQ Queue Manager • MQ Queue Manager **Agent/End-point** • MQ Client • MQ Client • MQ Client • MQ Managed File Transfer Agent • MQ Managed File Transfer Agent • MQ Managed File Transfer Agent • MQ Resource Adapter • MQ Resource Adapter • MQ Resource Adapter	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 System z

z/VM 6.2

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Hypervisor Maintenance Levels, Current and Future ⋯›

Deployment unit	Component	6.2	⋯›
Server	MQ Advanced Message Security	✅	✅
	MQ Managed File Transfer Service	✅	✅
	MQ Queue Manager	✅	✅
Agent/End-point	MQ Client	✅	✅
	MQ Managed File Transfer Agent	✅	✅

Deployment unit	Component	6.2	⋯⟩
	MQ Resource Adapter	✅	✅

Guest Operating Systems

Components	Supported guest operating systems
All components that this hypervisor supports **Server** • MQ Advanced Message Security • MQ Advanced Message Security • MQ Advanced Message Security • MQ Managed File Transfer Service • MQ Managed File Transfer Service • MQ Managed File Transfer Service • MQ Queue Manager • MQ Queue Manager • MQ Queue Manager **Agent/End-point** • MQ Client • MQ Client • MQ Client • MQ Managed File Transfer Agent • MQ Managed File Transfer Agent • MQ Managed File Transfer Agent • MQ Resource Adapter • MQ Resource Adapter • MQ Resource Adapter	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 System z

z/VM 6.3

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Advanced Message Security

✅ MQ Managed File Transfer Service

✅ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

✅ MQ Managed File Transfer Agent

✅ MQ Resource Adapter

Product Support for the Hypervisor Maintenance Levels, Current and Future ⋯›

Deployment unit	Component	6.3	⋯›
Server	MQ Advanced Message Security	✅	✅
	MQ Managed File Transfer Service	✅	✅
	MQ Queue Manager	✅	✅
Agent/End-point	MQ Client	✅	✅
	MQ Managed File Transfer Agent	✅	✅

Deployment unit	Component	6.3	··>
	MQ Resource Adapter	✅	✅

Guest Operating Systems

Components	Supported guest operating systems
All components that this hypervisor supports **Server** • MQ Advanced Message Security • MQ Advanced Message Security • MQ Advanced Message Security • MQ Managed File Transfer Service • MQ Managed File Transfer Service • MQ Managed File Transfer Service • MQ Queue Manager • MQ Queue Manager • MQ Queue Manager **Agent/End-point** • MQ Client • MQ Client • MQ Client • MQ Managed File Transfer Agent • MQ Managed File Transfer Agent • MQ Managed File Transfer Agent • MQ Resource Adapter • MQ Resource Adapter • MQ Resource Adapter	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 System z

Supported software

WebSphere MQ 8.0 supports the following additional software.

Component Support

⬤ Full

◓ Partial

◯ None

Capabilities

Application Servers   Compilers and Languages   Databases
Development Tools   Java   LDAP Servers   Miscellaneous
Network Communications   Resource Management
Transaction Servers and Gateways   Web Browsers

Application Servers

For the application sever to be supported, the WebSphere MQ resource adapter installation verification test program needs to be deployed into the application server and run successfully.

Summary

Supported software	Version	Server	Agent or Client	Supported software minimum	Product minimum	Operating system restric-tions?	Packaging	Notes?
All Application Servers that support the Java EE 7.0 specification	All versions	◯	◓	All versions	8.0	No	None	No
WebSphere Application Server	7.0	◓	◯	7.0.0.17	8.0	No	None	Yes
	8.0	◓	◯	8.0	8.0	No	None	Yes
	8.5	◓	◯	8.5	8.0	No	None	Yes
	8.5.5	◓	◯	8.5.5	8.0	No	None	Yes

All Application Servers that support the Java EE 7.0 specification All versions

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Resource Adapter

❌ MQ Client

❌ MQ Managed File Transfer Agent

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯⟩

Deployment unit	Component	All versions	⋯⟩
Agent/End-point	MQ Resource Adapter	✅	✅

WebSphere Application Server 7.0

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯›

Deployment unit	Component	7.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	⋯›
Server	MQ Managed File Transfer Service	❌	❌	❌	❌	❌	❌	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Supported for the Web Gateway and JEE database logger component

WebSphere Application Server 8.0

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯›

Deployment unit	Component	8.0	8.0.0.1	8.0.0.2	8.0.0.3	8.0.0.4	8.0.0.5	8.0.0.6	8.0.0.7	8.0.0.8	⋯›
Server	MQ Managed File Transfer Service	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Only supported for the JEE database logger component

WebSphere Application Server 8.5

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯➔

Deployment unit	Component	8.5	8.5.0.1	8.5.0.2	⋯➔
Server	MQ Managed File Transfer Service	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Only supported for the JEE database logger component

WebSphere Application Server 8.5.5

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯→

Deployment unit	Component	8.5.5	8.5.5.1	8.5.5.2	⋯→
Server	MQ Managed File Transfer Service	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Only supported for the JEE database logger component

Compilers and Languages

Summary

Supported software	Version	Server	Agent or Client	Supported software minimum	Product minimum	Operating system restric- tions?	Packaging	Notes?
GNU C Compiler (gcc) and g++	4.3	◓	◓	4.3	8.0	No	None	Yes
	4.4	◓	◓	4.4.4	8.0	No	None	Yes
	4.7	◓	◓	4.7	8.0	No	None	Yes
Micro Focus Server Express	5.1	◓	◓	5.1	8.0	No	None	Yes

GNU C Compiler (gcc) and g++ 4.3

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ┅⟩

Deployment unit	Component	4.3	┅⟩
Server	MQ Queue Manager	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅

Notes

1. If you need to use SSL/TLS in a C++ application then you must link the application against the libstdc++.so.6 runtime library. This is becasue the version of the GSKit SSL/TLS libraries supplied with MQ depends on libstdc++.so.6 and this GSKit version is not compatible with other C++ runtime library versions. MQ C++

applications built against the GCC 4.x C++ runtime libraries comply with this restriction and will be able to use SSL/TLS .
GSKit requires a minimum glibc version of 2.12-1.7.el6_05 or later for using SSL/TLS in client applications.

GNU C Compiler (gcc) and g++ 4.4

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯⟩

Deployment unit	Component	4.4	4.4.4	4.4.6	4.5.3	4.6.2	⋯⟩
Server	MQ Queue Manager	❌	✅ (2)	✅ (2)	✅ (1) (2)	✅ (1) (2)	✅
Agent/End-point	MQ Client	❌	✅ (2)	✅ (2)	✅ (1) (2)	✅ (1) (2)	✅

Notes

1. If you need to use SSL/TLS in a C++ application then you must link the application against the libstdc++.so.6 runtime library. This is becasue the version of the GSKit SSL/TLS libraries supplied with MQ depends on libstdc++.so.6 and this GSkit version is not compatible with other C++ runtime library versions. MQ C++

applications built against the GCC 4.x C++ runtime libraries comply with this restriction and will be able to use SSL/TLS .
GSKit requires a minimum glibc version of 2.12-1.7.el6_05 or later for using SSL/TLS in client applications.

2. Not supported for compiling C++ applications

GNU C Compiler (gcc) and g++ 4.7

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯›

Deployment unit	Component	4.7	⋯›
Server	MQ Queue Manager	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅

Notes

1. Not supported for compiling C++ applications

Micro Focus Server Express 5.1

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯→

Deployment unit	Component	5.1	⋯→
Server	MQ Queue Manager	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅

Notes

1. Solaris x86-64: SSL/TLS 32-bit COBOL client applications are not FIPS 140-2 compliant.

Databases

Summary

Supported software	Version	Server	Supported software minimum	Product minimum	Operating system restric- tions?	Packaging	Notes?
DB2 Advanced Enterprise Server Edition	9.7	◓	9.7.0.6	8.0	No	None	Yes
	10.1	◓	10.1	8.0	No	None	Yes
	10.5	◓	10.5	8.0	No	None	Yes
DB2 Enterprise Server Edition	9.7	◓	9.7.0.6	8.0	No	None	Yes
	10.1	◓	10.1	8.0	No	None	Yes
	10.5	◓	10.5	8.0	No	None	Yes
Oracle Database 11g Standard/ Enterprise Editions	Release 2	◓	Release 2	8.0	Yes	None	Yes
Oracle Database 12c Enterprise Edition	Release 1	◓	Release 1	8.0	No	None	No

DB2 Advanced Enterprise Server Edition 9.7

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯→

Deployment unit	Component	9.7	9.7.0.4	9.7.0.5	9.7.0.6	9.7.0.7	9.7.0.8	9.7.0.9	⋯→
Server	MQ Managed File Transfer Service	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Only 64-bit DB2 instances can be used with 64-bit WebSphere MQ.

DB2 Advanced Enterprise Server Edition 10.1

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⇢

Deployment unit	Component	10.1	10.1.0.1	10.1.0.2	10.1.0.3	10.1.0.4	⇢
Server	MQ Managed File Transfer Service	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Only 64-bit DB2 instances can be used with 64-bit WebSphere MQ.

DB2 Advanced Enterprise Server Edition 10.5

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯⟩

Deployment unit	Component	10.5	10.5.0.1	10.5.0.2	10.5.0.3	⋯⟩
Server	MQ Managed File Transfer Service	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Only 64-bit DB2 instances can be used with 64-bit WebSphere MQ.

DB2 Enterprise Server Edition 9.7

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯>

Deployment unit	Component	9.7	9.7.0.1	9.7.0.2	9.7.0.3	9.7.0.4	9.7.0.5	9.7.0.6	9.7.0.7	9.7.0.8	9.7.0.9	⋯>
Server	MQ Managed File Transfer Service	❌	❌	❌	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Only 64-bit DB2 instances can be used with 64-bit WebSphere MQ.

DB2 Enterprise Server Edition 10.1

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯➔

Deployment unit	Component	10.1	10.1.0.1	10.1.0.2	10.1.0.3	10.1.0.4	⋯➔
Server	MQ Managed File Transfer Service	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Only 64-bit DB2 instances can be used with 64-bit WebSphere MQ.

DB2 Enterprise Server Edition 10.5

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯›

Deployment unit	Component	10.5	10.5.0.1	10.5.0.2	10.5.0.3	⋯›
Server	MQ Managed File Transfer Service	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Only 64-bit DB2 instances can be used with 64-bit WebSphere MQ.

Oracle Database 11g Standard/Enterprise Editions Release 2

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯›

Deployment unit	Component	Release 2	⋯›
Server	MQ Managed File Transfer Service	✅ (1)	✅

Notes

1. Oracle 64-bit databases on Windows x64 require the 32-bit Oracle client
   If using an Oracle version 11 JDBC driver with the Managed File Transfer logger, in database mode, the
   Oracle JDBC driver level is required to be 11.2.0.3.

Operating System Restrictions

Deployment unit	Component	Only supported on
Server	• MQ Managed File Transfer Service	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64

Oracle Database 12c Enterprise Edition Release 1

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯›

Deployment unit	Component	Release 1	⋯›
Server	MQ Managed File Transfer Service	✅	✅

Development Tools

Summary

Supported software	Version	Desktop	Supported software minimum	Product minimum	Operating system restric- tions?	Packaging	Notes?
IBM Explorer for z/OS	2.1.0	●	2.1.0	8.0	No	None	No
Rational Application Developer for WebSphere Software	9	●	9	8.0	No	None	No
Rational Developer for System z	9.0	●	9.0	8.0	No	None	No

IBM Explorer for z/OS 2.1.0

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

✅ MQ Explorer

Server

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯>

Deployment unit	Component	2.1.0	⋯>
Desktop	MQ Explorer	✅	✅

Rational Application Developer for WebSphere Software 9

Legend: ✅ Supported ❌ Not supported

Components

Desktop

✅ MQ Explorer

Server

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯➔

Deployment unit	Component	9	⋯➔
Desktop	MQ Explorer	✅	✅

Rational Developer for System z 9.0

Legend: ✅ Supported ❌ Not supported

Components

Desktop

✅ MQ Explorer

Server

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⇢

Deployment unit	Component	9.0	⇢
Desktop	MQ Explorer	✅	✅

Java

Summary

Supported software	Version	Agent or Client	Supported software minimum	Product minimum	Operating system restric- tions?	Packaging	Notes?
IBM Runtime Environment, Java Technology Edition	7.0.6	◓	7.0.6	8.0	No	None	Yes
	7.0.7	◓	7.0.7	8.0	No	None	Yes

IBM Runtime Environment, Java Technology Edition 7.0.6

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯›

Deployment unit	Component	7.0.6	7.0.6.1	⋯›
Agent/End-point	MQ Client	✅ (1)	✅ (1)	✅

Notes

1. • Only supported if the SDK is supplied with an IBM product.
   • AMS support for applications using client connections is only supported on IBM JRE.
   • FIPS 140-2 compliance is only supported on IBM JREs.
   • Transport for SOAP support on 32-bit only (Apache Axis 1.4) - commonly known as Axis 1

IBM Runtime Environment, Java Technology Edition 7.0.7

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯⟩

Deployment unit	Component	7.0.7	⋯⟩
Agent/End-point	MQ Client	✅ (1)	✅

Notes

1. • Only supported if the SDK is supplied with an IBM product.
   • AMS support for applications using client connections is only supported on IBM JRE.
   • FIPS 140-2 compliance is only supported on IBM JREs.
   • Transport for SOAP support on 32-bit only (Apache Axis 1.4) - commonly known as Axis 1

LDAP Servers

Summary

Supported software	Version	Server	Supported software minimum	Product minimum	Operating system restric- tions?	Packaging	Notes?
All LDAP Servers that support the LDAP V2 Specification	All versions	◖	All versions	8.0	No	None	No
All LDAP Servers that support the LDAP V3 Specification	All versions	◖	All versions	8.0	No	None	No

All LDAP Servers that support the LDAP V2 Specification All versions

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯›

Deployment unit	Component	All versions	⋯›
Server	MQ Queue Manager	✅	✅

All LDAP Servers that support the LDAP V3 Specification All versions

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯➔

Deployment unit	Component	All versions	⋯➔
Server	MQ Queue Manager	✅	✅

Miscellaneous

Summary

Supported software	Version	Server	Supported software minimum	Product minimum	Operating system restric- tions?	Packaging	Notes?
Sterling Connect:Direct	5.1	◓	5.1	8.0	No	None	Yes

Sterling Connect:Direct 5.1

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯>

Deployment unit	Component	5.1	⋯>
Server	MQ Managed File Transfer Service	✅ (1)	✅

Notes

1. The Sterling Connect:Direct bridge can transfer files to and from Sterling Connect:Direct nodes running on the following operating systems:
    - Windows
    - Unix
    - z/OS

Network Communications

•Communication protocolsTCP/IP: IPv4 and IPv6 provided by the operating system.SNA LU6.2: As specified below.NetBIOS: Provided with the Windows operating system.SPX: Sequence Package Exchange provided with Windows operating system.• FTP/FTPS/SFTP standards compliant server (UNIX or Windows style file format): Required to run the WebSphere MQ Managed File Transfer protocol bridge agent.•WebSphere MQ V8.0 queue managers and clients interoperate with queue managers and clients from current and previous level of WebSphere MQ or MQSeries products.• The MQ Explorer supplied with WebSphere MQ V8.0 can be used on a client connection to connect to any supported level of WebSphere MQ on a any platform. • IBM WebSphere MQ Managed File Transfer Agent (MFT Agent) V8.0 supports interoperation (for example, transferring files) with MFT Agent V7.5 and IBM WebSphere MQ File Transfer Edition V7.0.4 agents. • IBM WebSphere MQ Managed File Transfer Agent (MFT Agent) V8.0 supports connecting as a MQ client to IBM WebSphere MQ V8.0 and any previous in-service level of the MQ queue manager•MQ Managed File Transfer Agent only supports connecting to a MQ for z/OS queue manager in MQ bindings mode.

Summary

Supported software	Version	Server	Agent or Client	Supported software minimum	Product minimum	Operating system restrictions?	Packaging	Notes?
Communications Server for Linux	V6.4	⊖	⊖	V6.4	8.0	Yes	None	Yes

Communications Server for Linux V6.4

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ···>

Deployment unit	Component	V6.4	6.4.0.1	6.4.0.2	6.4.0.3	6.4.0.4	6.4.0.5	···>
Server	MQ Queue Manager	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. SNA LU6.2 Services for Linux.

Operating System Restrictions

Deployment unit	Component	Only supported on
Server	• MQ Queue Manager	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 POWER System - Big Endian • SUSE Linux Enterprise Server (SLES) 11 SP2 POWER System - Big Endian
Agent/End-point	• MQ Client	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 POWER System - Big Endian • SUSE Linux Enterprise Server (SLES) 11 SP2 POWER System - Big Endian

Resource Management

This applies when WebSphere MQ is the Transaction Manager.Using the WebSphere MQ classes for JMS, WebSphere MQ can only act in the role of a Resource Manager. The WebSphere MQ classes for JMS can only participate in global transactions when accessed through the Java EE Connector Architecture (JCA) resource adapter, which can only be used within a suitable application server environment. Using the WebSphere MQ classes for Java, WebSphere MQ can act as a Transaction Co-ordinator. However it is not possible to participate in a JTA style transaction.

Summary

Supported software	Version	Server	Agent or Client	Supported software minimum	Product minimum	Operating system restric-tions?	Packaging	Notes?
DB2 Advanced Enterprise Server Edition	9.7	⬗	⬗	9.7.0.6	8.0	No	None	Yes
	10.1	⬗	⬗	10.1	8.0	No	None	Yes
	10.5	⬗	⬗	10.5	8.0	No	None	Yes
DB2 Enterprise Server Edition	9.7	⬗	⬗	9.7.0.6	8.0	No	None	Yes
	10.1	⬗	⬗	10.1	8.0	No	None	Yes
	10.5	⬗	⬗	10.5	8.0	No	None	Yes
Informix Client Software Development Kit	3.70.xC4	⬗	⬗	3.70.xC4	8.0	No	None	Yes
	4.10	⬗	⬗	4.10	8.0	No	None	Yes
Informix Dynamic Server Enterprise Edition	12.10	⬗	⬗	12.10	8.0	No	None	Yes

Supported software	Version	Server	Agent or Client	Supported software minimum	Product minimum	Operating system restric- tions?	Packaging	Notes?
Informix Ultimate Edition	11.70	⊖	⊖	11.70	8.0	No	None	Yes
Oracle Database 11g Standard/ Enterprise Editions	Release 2	⊖	⊖	Release 2	8.0	Yes	None	Yes
Oracle Database 12c Enterprise Edition	Release 1	⊖	⊖	Release 1	8.0	Yes	None	No
Sybase Adaptive Server Enterprise	15.0	⊖	⊖	15.0	8.0	Yes	None	Yes
	15.5	⊖	⊖	15.5	8.0	Yes	None	Yes

DB2 Advanced Enterprise Server Edition 9.7

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯➔

Deployment unit	Component	9.7	9.7.0.4	9.7.0.5	9.7.0.6	9.7.0.7	9.7.0.8	9.7.0.9	⋯➔
Server	MQ Queue Manager	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅
Agent/End-point	MQ Client	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Only 64-bit DB2 instances can be used with 64-bit WebSphere MQ.

DB2 Advanced Enterprise Server Edition 10.1

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯➔

Deployment unit	Component	10.1	10.1.0.1	10.1.0.2	10.1.0.3	10.1.0.4	⋯➔
Server	MQ Queue Manager	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Only 64-bit DB2 instances can be used with 64-bit WebSphere MQ.

DB2 Advanced Enterprise Server Edition 10.5

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯→

Deployment unit	Component	10.5	10.5.0.1	10.5.0.2	10.5.0.3	⋯→
Server	MQ Queue Manager	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Only 64-bit DB2 instances can be used with 64-bit WebSphere MQ.

DB2 Enterprise Server Edition 9.7

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯›

Deployment unit	Component	9.7	9.7.0.1	9.7.0.2	9.7.0.3	9.7.0.4	9.7.0.5	9.7.0.6	9.7.0.7	9.7.0.8	9.7.0.9	⋯›
Server	MQ Queue Manager	❌	❌	❌	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅
Agent/End-point	MQ Client	❌	❌	❌	❌	❌	❌	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Only 64-bit DB2 instances can be used with 64-bit WebSphere MQ.

DB2 Enterprise Server Edition 10.1

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯➔

Deployment unit	Component	10.1	10.1.0.1	10.1.0.2	10.1.0.3	10.1.0.4	⋯➔
Server	MQ Queue Manager	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Only 64-bit DB2 instances can be used with 64-bit WebSphere MQ.

DB2 Enterprise Server Edition 10.5

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⇢

Deployment unit	Component	10.5	10.5.0.1	10.5.0.2	10.5.0.3	⇢
Server	MQ Queue Manager	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. Only 64-bit DB2 instances can be used with 64-bit WebSphere MQ.

Informix Client Software Development Kit 3.70.xC4

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯➔

Deployment unit	Component	3.70.xC4	⋯➔
Server	MQ Queue Manager	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅

Notes

1. IBM Informix is **NOT** supported by the WebSphere MQ classes for Java.

Informix Client Software Development Kit 4.10

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯→

Deployment unit	Component	4.10	⋯→
Server	MQ Queue Manager	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅

Notes

1. IBM Informix is **NOT** supported by the WebSphere MQ classes for Java.

Informix Dynamic Server Enterprise Edition 12.10

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯→

Deployment unit	Component	12.10	12.10.xC2	12.10.xC3	⋯→
Server	MQ Queue Manager	✅ (1)	✅ (1)	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. IBM Informix is **NOT** supported by the WebSphere MQ classes for Java.

Informix Ultimate Edition 11.70

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯➔

Deployment unit	Component	11.70	11.70.xC2	11.70.xC3	11.70.xC4	11.70.xC5	⋯➔
Server	MQ Queue Manager	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅ (1)	✅

Notes

1. IBM Informix is **NOT** supported by the WebSphere MQ classes for Java.

Oracle Database 11g Standard/Enterprise Editions Release 2

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯➔

Deployment unit	Component	Release 2	⋯➔
Server	MQ Queue Manager	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅

Notes

1. Oracle 64-bit databases on Windows x64 require the 32-bit Oracle client

Operating System Restrictions

Deployment unit	Component	Only supported on
Server	• MQ Queue Manager	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 System z • Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 System z • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64
Agent/End-point	• MQ Client	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 System z • Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 System z • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64

Oracle Database 12c Enterprise Edition Release 1

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯>

Deployment unit	Component	Release 1	⋯>
Server	MQ Queue Manager	✅	✅
Agent/End-point	MQ Client	✅	✅

Operating System Restrictions

Deployment unit	Component	Only supported on
Server	• MQ Queue Manager	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64
Agent/End-point	• MQ Client	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64

Sybase Adaptive Server Enterprise 15.0

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯➔

Deployment unit	Component	15.0	⋯➔
Server	MQ Queue Manager	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅

Notes

1. Sybase Adapter Server Enterprise (ASE) is **NOT** supported by the WebSphere MQ classes for Java.

Operating System Restrictions

Deployment unit	Component	Only supported on
Server	• MQ Queue Manager	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 POWER System - Big Endian • Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 POWER System - Big Endian • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64
Agent/End-point	• MQ Client	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 POWER System - Big Endian • Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 POWER System - Big Endian • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64

Sybase Adaptive Server Enterprise 15.5

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯▸

Deployment unit	Component	15.5	⋯▸
Server	MQ Queue Manager	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅

Notes

1. Sybase Adapter Server Enterprise (ASE) is **NOT** supported by the WebSphere MQ classes for Java .

Operating System Restrictions

Deployment unit	Component	Only supported on
Server	• MQ Queue Manager	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 POWER System - Big Endian • Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 POWER System - Big Endian • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64
Agent/End-point	• MQ Client	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 POWER System - Big Endian • Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 POWER System - Big Endian • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64

Transaction Servers and Gateways

Using the WebSphere MQ classes for JMS, WebSphere MQ can only act in the role of a Resource Manager. The WebSphere MQ classes for JMS can only participate in global transactions when accessed through the Java EE Connector Architecture (JCA) resource adapter, which can only be used with a suitable application server environment. For more detailed information on the use of the resource adapter with application servers, see the Application Server section above, and the WebSphere MQ resource adapter statement of support document. Using the WebSphere MQ classes for Java, WebSphere MQ can act as a Transaction Co-ordinator. However it is not possible to participate in a JTA style transaction. COM+/MTS provided with Microsoft Windows may also be used as a Transaction Manager.

Summary

Supported software	Version	Server	Agent or Client	Supported software minimum	Product minimum	Operating system restric-tions?	Packaging	Notes?
Oracle Tuxedo 11g	R1	⬒	⬒	R1	8.0	Yes	None	No
TXSeries for Multiplatforms	8.1.0.0	⬒	⬒	8.1.0.0	8.0	Yes	None	Yes
WebSphere Application Server	7.0	⬒	⬒	7.0.0.31	8.0	No	None	No
	8.0	⬒	⬒	8.0.0.8	8.0	No	None	No
	8.5.5	⬒	⬒	8.5.5	8.0	No	None	No

Oracle Tuxedo 11g R1

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯➔

Deployment unit	Component	R1	⋯➔
Server	MQ Queue Manager	✅	✅
Agent/End-point	MQ Client	✅	✅

Operating System Restrictions

Deployment unit	Component	Only supported on
Server	• MQ Queue Manager	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64
Agent/End-point	• MQ Client	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64

TXSeries for Multiplatforms 8.1.0.0

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ···⇢

Deployment unit	Component	8.1.0.0	···⇢
Server	MQ Queue Manager	✅ (1)	✅
Agent/End-point	MQ Client	✅ (1)	✅

Notes

1. The resiliency feature of TXSeries is not supported. For more details, please refer to XA Resiliency feature of TXSeries doesn't work with WMQ as RM .

Operating System Restrictions

Deployment unit	Component	Only supported on
Server	• MQ Queue Manager	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64
Agent/End-point	• MQ Client	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 x86-64 • SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64

WebSphere Application Server 7.0

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯→

Deployment unit	Component	7.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	7.0.0	⋯→
Server	MQ Queue Manager	❌	❌	❌	❌	❌	❌	❌	❌	❌	❌	❌	❌	❌	❌	❌	❌	✅	✅
Agent/End-point	MQ Client	❌	❌	❌	❌	❌	❌	❌	❌	❌	❌	❌	❌	❌	❌	❌	❌	✅	✅

WebSphere Application Server 8.0

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯›

Deployment unit	Component	8.0	8.0.0.1	8.0.0.2	8.0.0.3	8.0.0.4	8.0.0.5	8.0.0.6	8.0.0.7	8.0.0.8	⋯›
Server	MQ Queue Manager	❌	❌	❌	❌	❌	❌	❌	❌	✅	✅
Agent/End-point	MQ Client	❌	❌	❌	❌	❌	❌	❌	❌	✅	✅

WebSphere Application Server 8.5.5

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Queue Manager

❌ MQ Advanced Message Security

❌ MQ Managed File Transfer Service

❌ MQ Telemetry Server

Agent or client

✅ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯→

Deployment unit	Component	8.5.5	8.5.5.1	8.5.5.2	⋯→
Server	MQ Queue Manager	✅	✅	✅	✅
Agent/End-point	MQ Client	✅	✅	✅	✅

Web Browsers

Summary

Supported software	Version	Server	Supported software minimum	Product minimum	Operating system restric- tions?	Packaging	Notes?
Microsoft Internet Explorer	10	◐	10	8.0	No	None	No
	11	◐	11	8.0	No	None	No
Mozilla Firefox	ESR 24	◐	ESR 24	8.0	No	None	No

Microsoft Internet Explorer 10

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯➔

Deployment unit	Component	10	⋯➔
Server	MQ Managed File Transfer Service	✅	✅

Microsoft Internet Explorer 11

Legend: ✅ Supported ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⸱⸱›

Deployment unit	Component	11	⸱⸱›
Server	MQ Managed File Transfer Service	✅	✅

Mozilla Firefox ESR 24

Legend: ✅ Supported   ❌ Not supported

Components

Desktop

❌ MQ Explorer

Server

✅ MQ Managed File Transfer Service

❌ MQ Advanced Message Security

❌ MQ Queue Manager

❌ MQ Telemetry Server

Agent or client

❌ MQ Client

❌ MQ Managed File Transfer Agent

❌ MQ Resource Adapter

Product Support for the Supported Software Maintenance Levels, Current and Future ⋯›

Deployment unit	Component	ESR 24	⋯›
Server	MQ Managed File Transfer Service	✅	✅

Hardware

WebSphere MQ 8.0 requires the following hardware, organized by type of hardware, deployment units, or components.

Hardware	Components	Requirement	Applicable operating systems
Disk Space	**Desktop** • MQ Explorer	Minimum requirement 300 MB	All supported Linux OS
	Server • MQ Managed File Transfer Service • MQ Queue Manager • MQ Telemetry Server • MQ Advanced Message Security	Minimum requirement 1GB	All supported Linux OS
	Agent or Client • MQ Managed File Transfer Agent • MQ Client	Minimum requirement 550MB	All supported Linux OS
Display	**Desktop** • MQ Explorer	A monitor with a screen resolution of at least 1024 x 768 pixel	All supported Linux OS
Memory	**Desktop** • MQ Explorer	Minimum requirement 512 MB	All supported Linux OS
	Server • MQ Managed File Transfer Service • MQ Queue Manager • MQ Telemetry Server	Minimum requirement 3GB	All supported Linux OS

Hardware	Components	Requirement	Applicable operating systems
	• MQ Advanced Message Security		
	Agent or Client • MQ Managed File Transfer Agent • MQ Client	Minimum requirement 3GB	All supported Linux OS
Other Hardware	**Agent or Client** • MQ Managed File Transfer Agent • MQ Client **Server** • MQ Managed File Transfer Service • MQ Queue Manager • MQ Telemetry Server • MQ Advanced Message Security	The **multi-instance queue manager** feature requires networked storage for the queue manager's data. This can be provided by a networked storage device (such as NAS) or a cluster file system. The storage must be accessed by a network file system protocol which is POSIX-compliant and supports lease-based locking. Network File System version 4 (NFS v4) and IBM's General Parallel File System (GPFS) both satisfy this requirement. Please note that earlier versions of NFS do NOT satisfy this requirement and must not be used with multi-instance queue managers. See Testing and support statement for WebSphere MQ multi-instance queue managers for further information.	All supported Linux OS
	Agent or Client • MQ Managed File Transfer Agent • MQ Client **Server** • MQ Managed File Transfer Service • MQ Queue Manager • MQ Telemetry Server • MQ Advanced Message Security	**RHEL Compatible OS**. Defect support is available for Linux environments that are fully compatible - both source and binary - with Red Hat Enterprise Linux V6. Unless stated otherwise, WebSphere MQ has not been specifically tested in such compatible environments. WebSphere MQ Support is therefore unable to assist in issues related to configuration and setup, or issues that are directly related to the linux environment itself. If issues arise that are related to the compatible linux environment, the user may need to contact the linux environment vendor for support, or the issue may need to be recreated inside an environment tested by	All supported Linux OS

Hardware	Components	Requirement	Applicable operating systems
		IBM in order to receive WebSphere MQ support.	
	Desktop • MQ Explorer	Bitstream-vera-fonts	All supported Linux OS
	Server • MQ Managed File Transfer Service • MQ Queue Manager • MQ Telemetry Server • MQ Advanced Message Security	**Linux for System x (64-bit)** AMD64, EMT64, and compatible processors - any hardware that is explicitly compatible and fully capable of tunning the specified operating system, all the corresponding supporting software shown below, and any associated applications unmodified. **Linux for System p** 64-bit System i and System p IBM POWER processor-based systems only, capable of running the required level of a compatible operating system with enough storage to meet the combined requirements of the programming prerequisites, WebSphere MQ, the access methods and the application programs. Power 7 systems are supported when the guidance in IBM Developer Kits support for IBM Power7 systems is adhered to. **Linux for System z** IBM System z9/10 or IBM eServer (or equivalent) 64-bit processor - any hardware that is explicitly compatible and fully capable of running the specified operating system, all the corresponding supporting software shown below, and any associated applications unmodified. • **64-bit:** Platforms with 64-bit hardware, WebSphere MQ requires a 64-bit kernel. 32-bit and 64-bit MQ APIs are supported	All supported Linux OS
	Agent or Client • MQ Managed File Transfer Agent	**Linux for System x (32-bit)** x86 compatible PC hardware, including x86-64 processors, capable of running the required	All supported Linux OS

Hardware	Components	Requirement	Applicable operating systems
	• MQ Client	level of a compatible operating system with enough storage to meet the combines requirements of the programming prerequisites, WebSphere MQ, the access methods and the application programs. **Linux for System x (64-bit)** AMD64, EMT64, and compatible processors - any hardware that is explicitly compatible and fully capable of tunning the specified operating system, all the corresponding supporting software shown below, and any associated applications unmodified. **Linux for System p** 64-bit System i and System p IBM POWER processor-based systems only, capable of running the required level of a compatible operating system with enough storage to meet the combined requirements of the programming prerequisites, WebSphere MQ, the access methods and the application programs. Power 7 systems are supported when the guidance in IBM Developer Kits support for IBM Power7 systems is adhered to. **Linux for System z** IBM System z9/10 or IBM eServer (or equivalent) 64-bit processor - any hardware that is explicitly compatible and fully capable of running the specified operating system, all the corresponding supporting software shown below, and any associated applications unmodified. • **32-bit**: Platforms with 32-bit hardware, 64-bit versions are NOT supported. • **64-bit**: Platforms with 64-bit hardware, WebSphere MQ requires a 64-bit kernel. 32-bit and 64-bit MQ APIs are supported	

Hardware	Components	Requirement	Applicable operating systems
	Agent or Client • MQ Managed File Transfer Agent • MQ Client **Server** • MQ Managed File Transfer Service • MQ Queue Manager • MQ Telemetry Server • MQ Advanced Message Security	IBM will only support cryptographic hardware when it is used on operating systems which the cryptographic hardware manufacturer supports and in accordance with the hardware manufacturer's documentation. IBM Global Security Kit, version 8 - PKCS#11 device integration	All supported Linux OS
Processor	**Agent or Client** • MQ Managed File Transfer Agent • MQ Client **Server** • MQ Managed File Transfer Service • MQ Queue Manager • MQ Telemetry Server • MQ Advanced Message Security	**IBM Power Systems only**, capable of running the required level of a compatible operating system with enough storage to meet the combined requirements of the programming prerequisites, WebSphere MQ, the access methods and the application programs.	• Red Hat Enterprise Linux (RHEL) Server 6 Update 3 POWER System - Big Endian • SUSE Linux Enterprise Server (SLES) 11 SP2 POWER System - Big Endian
	Desktop • MQ Explorer	1GHz processor or faster	All supported Linux OS

Glossary

Bitness	Compatibility of the product with the bit version support that is provided by an operating system. Different parts of a product might run on the same operating system but support different application bitness. For example, one part of the product might run only in 32-bit mode, whereas another might support 64-bit tolerate mode.
	31: The product or part of the product runs as a 31-bit application in a 31-bit operating environment.
	32: The product or part of the product runs as a 32-bit application in a 32-bit operating environment.
	64-tolerate: The product or part of the product runs as a 32-bit application in a 64-bit operating environment.
	64-exploit: The product or part of the product runs natively as a 64-bit application in a 64-bit operating environment.
Co-packaged	Additional products that are included in the product package.
Co-installed	Additional products that are included in the product package and installed when the product is installed.
Deployment unit	**Deployment Structure** identifies pieces of a product that can be independently deployed onto one or more machines in a distributed infrastructure.

* The top level of the deployment structure consists of one or more deployment units. There are four possible deployment units that a product might support: Desktop, Server, Agent or client, Mobile.

* Deployment units may be further divided into deployable **components**

Desktop deployment unit: Part of the deployment structure intended for use by a single user, typically installed on the user desktops. Examples of desktop deployment units include development tools, administrative tools, stand-alone business applications.

Server deployment unit: Part of the deployment structure that can provide services to multiple clients, providing the server in a client-server architecture. Examples of server deployment units include application servers, management servers, database servers and server-based business applications.

Agent or client deployment unit: Part of the deployment structure that allows remote connection between software. Examples of agent of client deployment

units include agents in management system that are installed in the same tier as the managed resources, a remote application, or database clients that are installed with the software accessing the remote services.

Mobile deployment unit: Part of the deployment structure intended for use by a single user, typically installed on a mobile device. An example of a mobile deployment unit is a mobile application.

Hypervisor	A virtual machine in which a product can run on a guest operating system.
Limited operating system support	By default, the supported guest operating systems for a product and a hypervisor are the operating systems that are supported by both the product and the hypervisor. If a product restricts support to a subset of these operating systems, this restriction will be indicated by specifying that there is Limited Operating System Support.
Operating system minimum	The minimum operating system maintenance level that is required to run on the product.
Prerequisite minimum	The minimum maintenance level that is required for the prerequisite to work with the product.
Product minimum	The minimum maintenance level that is required for the product to run on the operating system, on an hypervisor, or work with a prerequisite product or supported software.
Supported software minimum	The minimum maintenance level that is required for the supported software to work with the product.

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