

aws marketplace

IBM MQ

Reviews, tips, and advice from real users



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Product Recap



IBM MQ

IBM MQ Recap

IBM MQ is a middleware product used to send or exchange messages across multiple platforms, including applications, systems, files, and services via MQs (messaging queues). This solution helps simplify the creation of business applications, and also makes them easier to maintain. IBM MQ is security-rich, has high performance, and provides a universal messaging backbone with robust connectivity. In addition, it also integrates easily with existing IT assets by using an SOA (service oriented architecture).

IBM MQ can be deployed:

- On-premises
- In the cloud
- Hybrid cloud

IBM MQ supports the following APIs:

- MQI (Message Queue Interface)
- REST
- .NET
- MQTT
- JMS
- IBM MQ Light

IBM MQ Features

Some of the most powerful IBM MQ features include:

- High availability
- Stability and scalability
- Flexible deployment options
- Uniform clusters
- Automated and intelligent workload balancing
- Broad language, API, and messaging protocol support
- Administrative features that simplify messaging management
- Open standards development tools
- Simple management tools

IBM MQ Benefits

Some of the benefits of using IBM MQ include:

- **Multi-style messaging:** IBM MQ supports simple multi-style messaging, making it easy to connect diverse systems with support for message queuing, transactions, and more.



Valuable Features

Excerpts from real customer reviews on PeerSpot:



“On a scale of 1-10, I rate IBM MQ a nine.”



MykolaKuzmenko

SWIFT manager at Raiffeisen Bank Aval



“The features of IBM MQ that have proven most effective for ensuring message delivery reliability are the stability of the system, the resilience and the product, which is definitely of top quality in this segment.”



Ashok Vedantham

Dev lead at a financial services firm with 1,001-5,000 employees



“I would rate the solution ten out of ten because I have been working on it for the past fifteen years.”



KANCHAN CHALASANI

Software Engineer IV at Royal Cyber Inc.



“The biggest advantage of IBM MQ is its reliability.”



Balaji K

Vice President - Senior IT Audit Manager at Northern Trust Corporation



“IBM MQ is more reliable and secure than other software.”



Md Al-Amin

Senior System Analyst at Thakral



“IBM MQ is a choice to create a relation between the Mainframe and distributed servers, allowing applications running on Linux or Windows to interface with Mainframe applications and enable more development of easier and open applications in a distributed environment.”



Verified user

Information Technology Solution Consultant



“IBM MQ processes many thousands of messages in a second, which is efficient for handling high transaction volumes.”



Irfaan Rahim

Senior Software Test Analyst at CoCre8 Technology Solutions

What users had to say about valuable features:

The features of IBM MQ that have proven most effective for ensuring message delivery reliability are the stability of the system, the resilience and the product, which is definitely of top quality in this segment. This is a product which is very common, and many competent products are there, but it's time-tested, very stable, highly resilient, and has all the features to troubleshoot even if something goes wrong. It's the best from all perspectives.

Ashok Vedantham

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Dev lead at a financial services firm with 1,001-5,000 employees

With the setup that we have, financial transaction messages are not lost. We are primarily looking for a 100% quality of service in terms of non-repeating the message and message delivery. These are financial transactions, so we do not want to lose the message at any cost. That was the main reason why we have IBM MQ. Additionally, when dealing with posting financial messages to backend vendor systems, most of the revenue gets generated.

KANCHAN CHALASANI

[Read full review](#) 

Software Engineer IV at Royal Cyber Inc.

IBM MQ processes many thousands of messages in a second, which is efficient for handling high transaction volumes. It is simple to use once you learn it, and the knowledge stays with you. It has contributed to better message transport compared to the Oracle-based solution we used before, which was slower. We have not experienced any downtime or crashes with IBM MQ.

Irfaan Rahim

Senior Software Test Analyst at CoCre8 Technology Solutions

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“The biggest advantage is that it's a reliable enough product which we use, and it's a highly documented product. We can learn it slowly, so we have experienced users and experienced staff to use this product.

We suppose it's secure because we use secure tools within the frame of this product, such as TLS 1.3 and so on. Its scalability is enough for our purposes, and that's all we can say about it..”

MykolaKuzmenko

SWIFT manager at Raiffeisen Bank Aval

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“IBM MQ is more reliable and secure than other software. There is a saying that for the last 30 years IBM MQ has never been hacked. It is more secure and reliable. Whenever the configuration is done, I do not have to touch it again. It works fine, it is stable, and its communication is to the point and accurate. All performance-related aspects are better.

Performance-wise, it is scalable, and other features such as DR, DC, replication, and active passive mode are complex to configure, but it remains scalable.

The pricing model for IBM MQ could be more flexible for clients..”

Md Al-Amin

Senior System Analyst at Thakral

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“I work with CICs, Workload Manager, and DB2 mainly. I have experience with IBM MQ. We mainly use clusters at the Windows level or Linux level, and in the Mainframe, we have multiple paths and different lines of connectivity transmission to assess the impact of IBM MQ's high-availability configurations on our system's resilience.

“We use advanced security features such as SSH for encryption and authentication mechanisms. The security features help protect our messaging data by encrypting the transmission and ensuring authentication for connection..”

Verified user

Information Technology Solution Consultant

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Other Solutions Considered

I did not use a different solution before IBM MQ. For the last 10 years, we have been using this solution, so I don't remember what was there 10 years back.

Ashok Vedantham

Dev lead at a financial services firm with 1,001-5,000 employees

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“I don't really know the main differences between IBM MQ and other messaging queue solutions because it has been my natural choice, coming from Mainframe z/OS..”

Verified user

Information Technology Solution Consultant

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“I didn't look into other options. When I arrived at the company, MQ was already there. They've used it for even longer than I have – for maybe 15 years. .”

Rahul Jayakumar Lekha

Integration Lead at a financial services firm with 10,001+ employees

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“I cannot compare with other products, and I cannot give exact answers regarding whether it's expensive or cheap, as I don't know the costs of other products in this group. For us, we pay for it, and we rely on this product, and it's okay..”

MykolaKuzmenko

SWIFT manager at Raiffeisen Bank Aval

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“I cannot compare with other products, and I cannot give exact answers regarding whether it's expensive or cheap, as I don't know the costs of other products in this group. For us, we pay for it, and we rely on this product, and it's okay..”

MykolaKuzmenko

SWIFT manager at Raiffeisen Bank Aval

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“For security, scalability, and performance, I suggest IBM MQ. However, customers have budget constraints and other considerations including application portfolio and requirements. There are alternatives such as Apache MQ and RabbitMQ. The choice depends on the budget, requirements, and priorities regarding security, performance, or budget. We can suggest the best solution, but if the customer cannot afford it, they might opt for the free option, RabbitMQ, or Apache MQ. It ultimately depends on the price and application needs..”

Md Al-Amin

Senior System Analyst at Thakral

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ROI

Real user quotes about their ROI:

The kind of workload we have deals with posting financial messages to backend vendor systems, and most of the revenue gets generated. There are definite cost savings and return on investment.

KANCHAN CHALASANI

Software Engineer IV at Royal Cyber Inc.

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I have seen an ROI from IBM MQ in terms of its role as a tool for integration platforms; however, it does not directly relate to any cost or revenue. It does not have functional features, as it's a product which integrates the external systems with internal systems or among the systems themselves, making it an essential technology component required to integrate multiple systems.

Ashok Vedantham

Dev lead at a financial services firm with 1,001-5,000 employees

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“The benefits of using IBM MQ include buffering your transaction flows, which is useful if you have spikes. For example, it can handle this increased load if you normally have 100 messages per second but expect 10,000 the next day. You can also build clusters of message brokers to scale horizontally..”

Alexey Nadenenko

Solution Architect at EPAM Systems

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Use Case

“The use case for IBM MQ is for message transfer between banks and SWIFT, and message transfers within applications in banks. These are the most used cases..”

Md Al-Amin

Senior System Analyst at Thakral

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We deal with financial and non-financial transactions, and most of the financial transactions that interact with backend vendor systems are done via IBM MQ. It is manager-to-manager communication, and the transaction load is huge. That is one aspect where we need IBM MQ to communicate with backends.

KANCHAN CHALASANI

Software Engineer IV at Royal Cyber Inc.

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We use IBM MQ with a TELEX module for the airline industry as a transport layer. We compose messages specific to the airline industry and use IBM MQ for the actual message transport. We also use it for message transport related to scheduling flights, changing flight details, and capturing flight data like takeoff, airborne, landed, and on blocks.

Irfaan Rahim

Senior Software Test Analyst at CoCre8 Technology Solutions

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“We use it for payment processing and to send these payments abroad in another country.

We use it for the production environment, and we consider it stable enough, which is why we continue to use this product..”

MykolaKuzmenko

SWIFT manager at Raiffeisen Bank Aval

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“With IBM MQ, the main use case is for applications in online banking. We use it within the banking industry. IBM MQ is a choice to create a relation between the Mainframe and distributed servers, allowing applications running on Linux or Windows to interface with Mainframe applications and enable more development of easier and open applications in a distributed environment. This means we can develop more applications that are easier to use..”

Verified user

Information Technology Solution Consultant

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“Primarily used for IBM MQ data transfers.

As a user of IBM MQ, I use it for data transfers, configuring the queues and similar tasks. I do not work with it beyond those functions.

It is primarily used for data transfers within the applications. That encompasses the most critical features and functionality for me..”

Balaji K

Vice President - Senior IT Audit Manager at Northern Trust Corporation

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Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

The initial setup of IBM MQ was complex on cloud. If it had been on-premises, it would have been very simple. On cloud, it is complex, and we had to take help from IBM itself for that.

Ashok Vedantham

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Dev lead at a financial services firm with 1,001-5,000 employees

The setup is very straightforward, and it's not complex, even with container flavors. It's very easy with the advent of OCP operators shipped with CP4I. You can create a manager in less than a minute's time. It's not challenging at all.

KANCHAN CHALASANI

[Read full review](#) 

Software Engineer IV at Royal Cyber Inc.

“It's possible to get some training, but the cost of this learning is expensive. It costs some money, but we have required experience and knowledge because we have been using it for about 10 years..”

MykolaKuzmenko

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SWIFT manager at Raiffeisen Bank Aval

“We definitely installed using a service provider, and it's not that complex. It's easy. It took three to six months to start implementing the first use case.

Around six to ten people were involved in the deployment. It is easy to maintain and stable..”

Rajaraman V

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Enterprise Architect at Enterprise architecture Tool

“We have it on-premises. We're not using it on a public cloud currently, but it can be deployed there.

The initial deployment takes hours. There's a lot of manual scripting involved. So, Ideally, some kind of automation for that process would be helpful..”

SelvaKumar4

System Analyst at Walmart

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“The setup of message queues in an enterprise trade system is complex, especially when dealing with hundreds of message brokers and thousands of message queues. Configuring such a large infrastructure isn't straightforward and requires tools for testing, validating, and identifying missed components.

We manage a large configuration file, likely an XML file containing thousands of lines. Many teams update this file to reflect changes in their systems. It can be split into multiple smaller files to manage this file, but this complicates maintaining a single point of truth and requires validating all combinations. Systems communicate with each other using these components, needing a common protocol..”

Alexey Nadenenko

Solution Architect at EPAM Systems

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Customer Service and Support

I have not had any direct contact with IBM's technical support. It's mainly our administrators who deal with them. From what I heard, they are quite good, and I would rate technical support as an eight.

Irfaan Rahim

Senior Software Test Analyst at CoCre8 Technology Solutions

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“Support can be better because sometimes we need explanations for some behaviors of the product, and it's not easy to reach the proper person in IBM support..”

MykolaKuzmenko

SWIFT manager at Raiffeisen Bank Aval

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“The customer service or technical support from IBM is not as good as we expected; it could be better. I rate them a 7 on a scale of 1 to 10. They don't meet our standards due to the timing to get a person with knowledge..”

Verified user

Information Technology Solution Consultant

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Right now, I am not working on IBM MQ extensively, and we do not delve into any of its PMRs, so the support should be good. With containerized flavors of these products, we are having a tough time dealing with PMRs because the versions are new to IBM. However, for non-containerized flavors running on blade, VMware, or appliances, they are pretty good. I would give them a rating of eight for their overall service.

KANCHAN CHALASANI

Software Engineer IV at Royal Cyber Inc.

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“I would give technical support from IBM an eight out of ten.

The response time for IBM MQ support could be better because when we are using IBM MQ and something goes wrong, support is required as the resource availability of the IBM product is very limited..”

Md Al-Amin

Senior System Analyst at Thakral

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I would rate the technical support from IBM as seven out of 10.

The reason for this rating is due to the turnaround time, which is an important factor. IBM follows a practice of raising a ticket and has specified turnaround times to get back to us. Though usually, if it is high priority or top priority, they turn around faster, even for medium or low priority issues, their turnaround time is not as good to complete our project. We cannot hold on to the project for a long time just to wait for IBM to fix the issues. Our project will have its own timelines, so we expect turnaround times for medium and low priority incidents or tickets to be better than what IBM is currently offering. .”

Ashok Vedantham

Dev lead at a financial services firm with 1,001-5,000 employees

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Other Advice

I would rate the solution ten out of ten because I have been working on it for the past fifteen years. The message availability and transaction guarantee with IBM MQ is the main reason. I would rate it a ten overall.

KANCHAN CHALASANI

Software Engineer IV at Royal Cyber Inc.

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“It depends on the application regarding what company size can use IBM MQ. If a small or medium company uses a complex application where security is measured, with multiple applications, they can use it. For enterprise level, it is mandatory if they require it because IBM MQ is a requirement product, not a day-to-day product. If you want the best solution then choose IBM MQ. I cannot suggest that small companies need it and enterprise companies do not need it. I rate this solution nine out of ten..”

Md Al-Amin

Senior System Analyst at Thakral

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The approximate number of end users in our organization using IBM MQ is roughly 30.

I would recommend IBM MQ to other people.

“I do not wish to disclose my organization's name or email because this does not represent the organization's viewpoint officially.

“I rate IBM MQ overall as a seven on a scale from 1 to 10, when 1 is the worst solution, and 10 is the best solution. .”

Ashok Vedantham

Dev lead at a financial services firm with 1,001-5,000 employees

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“I'm just a user, representing Raiffeisen Bank, and it's clear.

We use [WebSphere MQ](#), which includes some tools such as [ActiveMQ](#), IBM MQ, and VMware.

Today, we don't use AI for our purposes, but if we find any useful AI features for this product, we might use them later because we can't evaluate their reliability for our needs right now.

On a scale of 1-10, I rate IBM MQ a nine..”

MykolaKuzmenko

SWIFT manager at Raiffeisen Bank Aval

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“I found the information about IBM MQ on the website to be good.

I am just a user of IBM MQ conducting research and reviewing it.

Being a user of IBM MQ, I do not have detailed knowledge about the specifics. The support team handles those aspects.

We are informed about issues with IBM MQ periodically. However, we do not necessarily receive complete information about why certain things were not working, as it is outside of my purview.

From a sustainability perspective, there might be room for consideration regarding IBM MQ. Otherwise, it performs well.

My final rating for IBM MQ is nine out of ten points, where ten is the best..”

Balaji K

Vice President - Senior IT Audit Manager at Northern Trust Corporation

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“My main experience is with IBM Mainframe. I do not have experience with their [IBM QRadar](#). [AWS](#) is not our main cloud provider for IBM solutions. I am not very experienced with cloud, but we do use object storage, which is cloud or on-prem for example.

“I don't remember specific examples at this moment, but if you contact me in two days, I will probably be able to refresh my memory as I'm currently focused on the capacity and performance issues of the system. I don't have thoughts on IBM MQ's pricing since I work in the support area and I'm not related to the purchasing process.

“My company mainly provides services to the banking area but also sells many products, including IBM and open system solutions, such as storage. My company's name is Telcos, spelled T-A-L-C-O-S.

“I am very interested in providing a review for the [IBM Workload Automation](#)

based on my recent experience with it. I am still working with [Workload Automation](#) and probably have a project related to this support, but I have switched to focusing more on performance issues at the moment. I used to be more focused on Workload Automation, but now I have shifted my project to banking application performance and capacity.

“I still work with IBM solutions in the other area, maintaining contact with AWS that relates to Workload Automation. I deal with banking services in general performance, mainly related to recovery, backup solutions, and CPU utilization. I have experience with IBM ProtecTIER, specifically the ProtecTIER, and not Tivoli. I do not remember experiencing Spectrum. I do not have experience with Spectrum Protect.

“I have experience with backup and recovery, particularly on the Mainframe side, but not with HSM. HSM is more related to the Mainframe, and while I don't have recent experience, my focus has shifted to performance areas in z/OS, especially solutions relating to backups and disaster recovery.

“We move data from Mainframe to the cloud. BMC is one of the companies I refer to, along with Logon. Logon is spelled L-O-G-O-N. Logon is based in Israel.

“Overall, I would rate IBM MQ an 8 out of 10..”

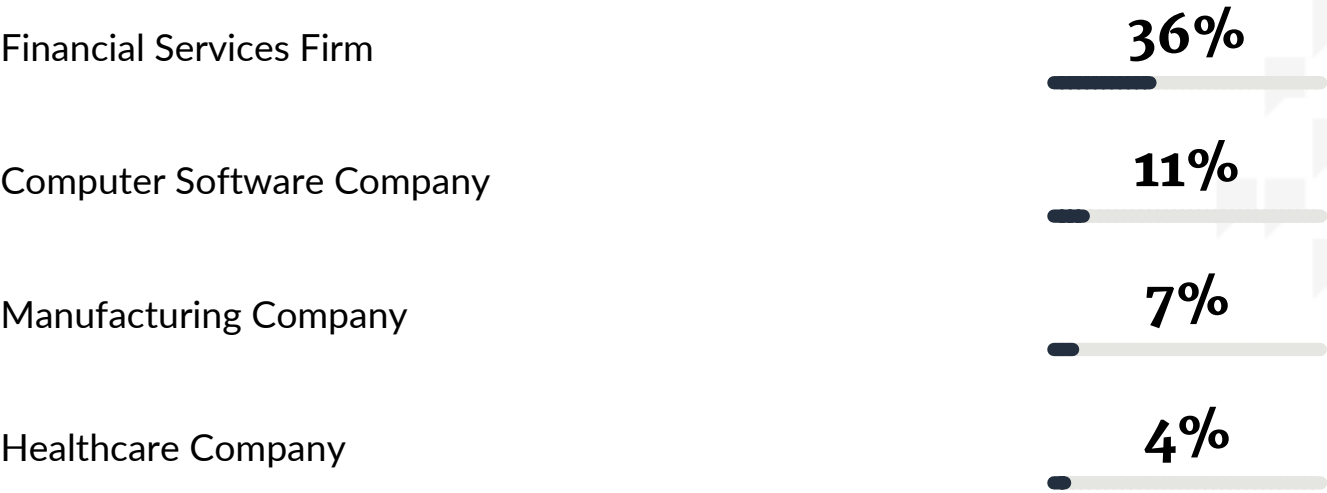
Verified user

Information Technology Solution Consultant

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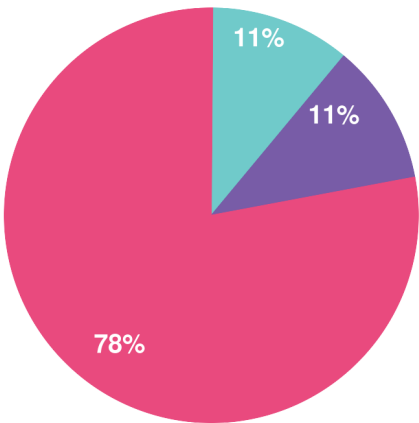
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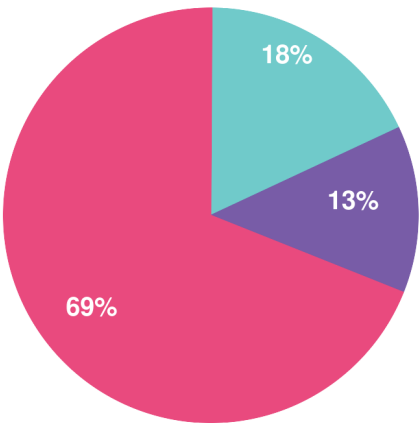
Company Size

by reviewers



Company Size

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Large Enterprise Midsize Enterprise Small Business

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244 5th Avenue, Suite R-230 • New York, NY 10001

reports@peerspot.com

+1 646.328.1944