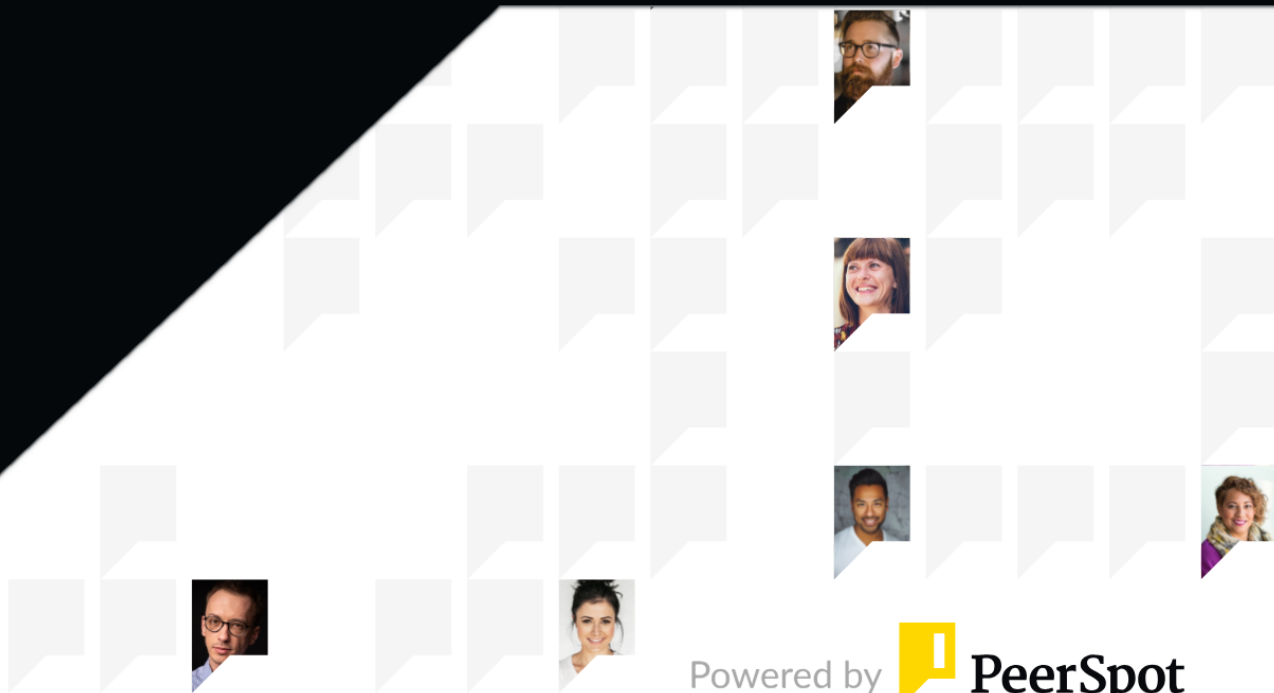


aws marketplace

IBM MQ

Reviews, tips, and advice from real users



Powered by  PeerSpot

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Product Recap



IBM MQ

IBM MQ Recap

IBM MQ provides reliable message delivery, supporting integration across systems with features like security and data integrity. It's widely used in financial and healthcare sectors, offering high scalability and availability while maintaining message consistency during downtime.

IBM MQ is known for its reliable and guaranteed message delivery, high scalability, and seamless integration with diverse systems. Users find its data integrity and robust security particularly beneficial, making it ideal for critical environments. It efficiently handles large message volumes, ensuring no data loss even during outages. Ease of use and initial setup, along with stability, are frequently noted advantages. However, users express a desire for better interfaces and enhanced cloud integration. Administration and security features are sometimes considered complex, necessitating streamlined processes and modern graphical interfaces. Expanded monitoring, competitive pricing, improved connectivity with platforms like Kafka and RabbitMQ, and seamless integration opportunities are commonly suggested areas for improvement.

What Are the Key Features of IBM MQ?

- **Reliable Message Delivery:** Ensures consistent message delivery across different systems with guaranteed methods.
- **High Scalability:** Supports growth by efficiently handling increasing message volumes.
- **Security and Data Integrity:** Offers robust measures to protect messaging system data and maintain its consistency.
- **Ease of Use:** Simplifies initial setup and operation for users, enhancing the overall user experience.
- **Seamless Integration:** Connects different systems smoothly to facilitate unified communication and data exchange.

What Benefits Should Users Look for in Reviews?

- **Reliable Messaging:** Users should seek insights on how reliably the software handles messaging needs.
- **Scalability:** Evaluations of its performance as business needs expand provide insights for potential growth plans.
- **Data Protection:** Reviews should reflect the effectiveness of security measures in place to protect communication.
- **Ease of Implementation:** How straightforwardly users can deploy and manage IBM MQ is crucial in evaluating its practicality.
- **Integration Capabilities:** Look for feedback on how well it integrates with existing

systems and platforms.

IBM MQ is extensively implemented in critical industries such as finance and airlines, where reliable data exchange is essential. It supports message delivery in diverse platforms, facilitating crucial business transactions and scalable web services. Organizations in these sectors leverage its stability, high performance, and integration with both distributed and mainframe environments for consistent and reliable communication, helping to reduce the risk of data loss.

Valuable Features

Excerpts from real customer reviews on PeerSpot:



“In my opinion, the best features of the WebSphere Application Server make it the ultimate product.”



Costica Florea

Senior Manager, MW & DB Automation at a computer software company with 11-50 employees



“IBM MQ has positively impacted my organization by enabling asynchronous processing, which means we do not need to wait for any responses from our downstream systems.”



Srinivas Krishnamsetty

Director, At Tiaa Senior Technical Lead at a financial services firm with 10,001+ employees



“The best features of IBM MQ were stability and straightforward application functionality; it has vendor support, which was a significant advantage, and in case of any production issues, we definitely get vendor support, whereas with Kafka and others, we have to rely on open community and our research.”



Validated user

Integration Solution Architect at a manufacturing company with 10,001+ employees



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



MykolaKuzmenko

SWIFT manager at Raiffeisen Bank Aval



“The best thing about IBM MQ solution is that it's guaranteed delivery and it's fast.”



David Pizinger

Enterprise Technical Leader at a tech vendor with 10,001+ employees



“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.

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

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

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“The best thing about IBM MQ solution is that it's guaranteed delivery and it's fast. Those are the two big advantages.

“The transactional integrity of IBM MQ in maintaining data consistency is good. We haven't had any issues in four to five years..”

David Pizinger

Enterprise Technical Leader at a tech vendor with 10,001+ employees

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“The best features IBM MQ offers are the topic and subscription, as well as the IBM MQ session and message rollbacks, especially for JMS integration. IBM MQ serves as the underlying foundation for our JMS messages.

“IBM MQ has positively impacted my organization by enabling asynchronous processing, which means we do not need to wait for any responses from our downstream systems..”

Srinivas Krishnamsetty

Director, At Tiaa Senior Technical Lead at a financial services firm with 10,001+ employees

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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..”

Validated user

Information Technology Solution Consultant

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“The best features of IBM MQ were stability and straightforward application functionality. It has vendor support, which was a significant advantage. In case of any production issues, we definitely get vendor support, whereas with Kafka and others, we have to rely on open community and our research.

“We have utilized high availability with IBM MQ through clustering in place, which was in the cloud. It was always available for us and worked very effectively. The only issue we encountered was related to scaling up and down, which required installing additional servers from a hardware perspective.

“Regarding IBM MQ's transactional integrity and maintaining data consistency, it performs effectively and I never faced any issues with respect to transactions or data loss.

“The management tools come along with Universal Messaging, so explicit implementation of other tools isn't necessary.

“IBM MQ comes with all the necessary encryption options and security features that we need..”

Validated user

[Read full review](#) 

Integration Solution Architect at a manufacturing company with 10,001+ employees

“In my opinion, the best features of the WebSphere Application Server make it the ultimate product. There is nothing higher than WebSphere. The market has Tomcat, JBoss, and other low-level application servers, but then there is WebSphere. I prefer WebSphere particularly on AIX because it's a very powerful engine. AIX is a powerful engine, and I don't think there is any UNIX system which is better than AIX. I'm 100% confident about that. I have been working with AIX since my time as an IBMer in Europe and also here in the Royal Bank, where we have a huge forest of AIX machines, running WebSphere on many of them. I also have experience with WebSphere in Windows, which is also very good; from an administrative and development point of view, it's transparent. There is not much worry about having WebSphere on AIX or Windows.

“I would assess the integration of WebSphere with third-party tools and services in terms of modernizing the IT infrastructure as very good. I was involved in an application where I integrated WebSphere with Node.js and also with Blue Prism. I executed many REST applications because at my core I am a developer. Although my title is architect, I am still a geek and a developer, and I started as a developer, so I carry that passion with me.

“At the Royal Bank, I have benefited from WebSphere's high availability and clustering because the overwhelming majority of our environments are clustered with IBM HTTP Server in front. We have clusters not just with two WebSphere engines; some of them even have four or six WebSphere engines, all managed under IBM HTTP Server. Everything is federated.

“From my perspective on the best features of IBM MQ, if given the choice between Kafka and IBM MQ, I would choose IBM MQ as it is by far the best. However, people opt for Kafka because it is open source and comes at no cost. This conveys my mantra that the best solution doesn't always align with being the right one, highlighting the significant difference between the best and the right..”

Costica Florea[Read full review](#) 

Senior Manager, MW & DB Automation at a computer software company
with 11-50 employees

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..”

Validated user

Information Technology Solution Consultant

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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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“We are moving away from it because it has limited options for scaling up and down. The licensing was one of the factors since it was a licensed copy and it cost us whenever we needed to scale up and down. That's where we are moving to Apache-based services such as Kafka..”

Validated user

Integration Solution Architect at a manufacturing company with 10,001+ employees

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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

“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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“My main use case for IBM MQ is its integration with APIs, and what we do is have a workflow system. In order to trigger the workflow, which is more of an asynchronous processing, we send a message to the workflow through IBM MQ, where the workflow listens to the IBM MQ message and then starts creating the case in the workflow system..”

Srinivas Krishnamsetty

Director, At Tiaa Senior Technical Lead at a financial services firm with 10,001+ employees

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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..”

Validated user

Information Technology Solution Consultant

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“My main use cases for IBM WebSphere Application Server are mostly web-oriented, involving Servlets, core Servlets, and Beans, which includes my personal projects.

“The use cases for IBM MQ in my context involve working in tandem with WebSphere, where data is taken based on events. I notice that people are increasingly moving towards Kafka, especially here, as it performs similar functions to IBM MQ..”

Costica Florea

Senior Manager, MW & DB Automation at a computer software company with 11-50 employees

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“The main use cases with IBM MQ recently would be more of a publish and subscribe mechanism where we have multiple subscribers for the same data which is getting published and that's where we have utilized it.

“However, we are moving away from it because it has limited options for scaling up and down.

“Additionally, the licensing was one of the factors since it was a licensed copy and it cost us whenever we needed to scale up and down. That's where we are moving to Apache-based services such as Kafka..”

Validated user[Read full review](#) 

Integration Solution Architect at a manufacturing company with 10,001+ employees

“I work with both IBM MQ and WebSphere Application Server. I don't want to say I'm an expert at either one of them, but I manage an infrastructure team that has both of these technologies in the infrastructure.

“IBM MQ is basically used in applications that are part of the ACE product. It's also used a lot for my clients' workload that comes from B2B, and there are some MQ B2B connections that come in, so we use it for that. The two main uses are for ACE and for B2B from external clients..”

David Pizinger[Read full review](#) 

Enterprise Technical Leader at a tech vendor with 10,001+ employees

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

[Read full review](#) 

SWIFT manager at Raiffeisen Bank Aval

“In my opinion, the initial setup of the WebSphere Application Server is not complex at all. I have been working with WebSphere since my time in Romania as part of IBM in Vienna, and now it is straightforward for me. While it might seem challenging at the beginning, once you get your hands on it, it becomes very straightforward..”

Costica Florea

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Senior Manager, MW & DB Automation at a computer software company with 11-50 employees

“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

“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

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Solution Architect at EPAM Systems

Customer Service and Support

“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..”

Validated 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 support from IBM for their WebSphere Application Server as very good, although I have only called IBM for support two or three times in my life. Most of the time, I figure things out myself, so I would rate it a 10, with 10 being the best.

“For IBM MQ support, I have only contacted support once in my life, and the experience was very good, so I can't complain. I would rate it a 10..”

Costica Florea

Senior Manager, MW & DB Automation at a computer software company with 11-50 employees

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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 IBM MQ a nine out of ten; it is an excellent product, but it requires more additional features similar to Kafka. I would advise others looking into using IBM MQ to consider it as the best product for asynchronous data communication between systems..”

Srinivas Krishnamsetty

Director, At Tiaa Senior Technical Lead at a financial services firm with 10,001+ employees

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“Everything that we have comes in as TLS, so IBM MQ's encryption doesn't really play in because everything we have that comes in from the outside world is TLS. On a scale of one to ten, I rate IBM MQ an eight..”

David Pizinger

Enterprise Technical Leader at a tech vendor with 10,001+ employees

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“I work as an integration architect who helps integrate applications, handling data passing to [SAP CRM](#), SaaS-based applications, databases, or [Databricks](#) applications. In integration, I am familiar with IBM MQ and Kafka. Regarding IBM MQ, it is IBM Universal Messaging tool, which is similar to what MQ is. I have rated this solution 9 out of 10..”

Validated user

Integration Solution Architect at a manufacturing company with 10,001+ employees

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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 still use IBM WebSphere Application Server, specifically the latest version which is 9.0.5, and I work with IBM MQ and Rational as well.

“I have not had any experience with [AppScan](#) or other testing tools; I am not utilizing any tools besides Rational.

“I have used management tools with IBM MQ, and I find them beneficial for

optimizing message flows. I utilize these tools, but often rely on my instinct, as IBM MQ is built on Java, which I have extensive experience with.

“Regarding high availability with IBM MQ, we also have IBM MQ in clusters. Having IBM MQ in a cluster is useful since the cluster setup means we have some form of high availability.

“I rate this solution 10 out of 10..”

Costica Florea

Senior Manager, MW & DB Automation at a computer software company with 11-50 employees

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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..”

Validated user

Information Technology Solution Consultant

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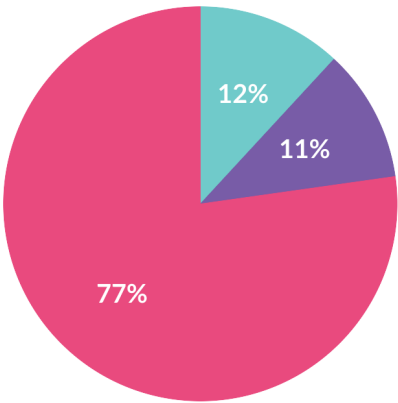
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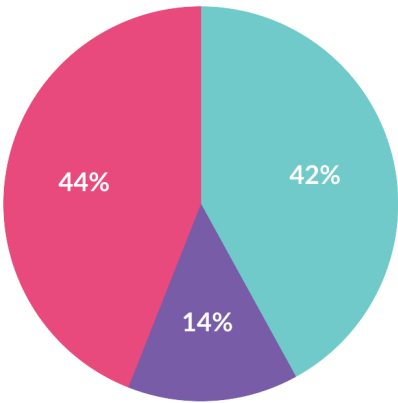


Company Size

by reviewers



by visitors reading reviews



 Large Enterprise  Midsize Enterprise  Small Business

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