

Anarion Technologies - RabbitMQ

Products > RabbitMQ v3.13.3 on Ubuntu v20



RabbitMQ v3.13.3 on Ubuntu v20 ♡ Save to my list

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RabbitMQ is an open-source message broker software that implements the Advanced Message Queuing Protocol (AMQP). It serves as an intermediary for messaging, facilitating communication between different applications, systems, or services. RabbitMQ ensures that messages are reliably transmitted from producers to consumers, decoupling the components and enabling them to operate independently and efficiently.

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Core Concepts

- **Message Broker:** RabbitMQ acts as a middleman that handles the sending and receiving of messages between producers (senders) and consumers (receivers).
- **Producers:** Producers are applications or systems that send messages to RabbitMQ.
- **Consumers:** Consumers are applications or systems that receive messages from RabbitMQ.
- **Queues:** Queues are storage locations within RabbitMQ where messages wait until they are processed by consumers. Each message is delivered to only one consumer to ensure load distribution and parallel processing.
- **Virtual Hosts (vHosts):** Virtual hosts provide a way to segregate different environments or applications within a single RabbitMQ instance. Each vHost can have its own set of queues, exchanges, and bindings.

Create this app in Azure



RabbitMQ v3.13.3 on Ubuntu v20

By Anarion Technologies

Software plan

RabbitMQ v3.13.3 on Ubuntu v20

Pricing: Starting at \$0.0022/hour

Details: RabbitMQ is a versatile and reliable message broker that is essential for building scalable, efficient, and resilient systems. By providing robust mes

This app requires some basic profile information. You have provided the information already so you're good to go! [Edit](#)

By clicking "Continue", I grant Microsoft permission to share my supplied contact information with the provider so that they can contact me regarding this product and related products. The shared information will be handled in accordance with the provider's [terms](#) and [privacy statement](#).

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Plan

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Create

Start with a pre-set configuration

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Creating a virtual machine, enter or select appropriate values for zone, machine type, resource group and so on as per your choice.

Create a virtual machine ...

Basics **Disks** Networking Management Advanced Tags Review + create

Create a virtual machine that runs Linux or Windows. Select an image from Azure marketplace or use your own customized image. Complete the Basics tab then Review + create to provision a virtual machine with default parameters or review each tab for full customization. [Learn more](#)

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ

Resource group * ⓘ [Create new](#)

Instance details

Virtual machine name * ⓘ

Region * ⓘ

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Create a virtual machine ...

Basics **Disks** Networking Management Advanced Tags Review + create

Azure VMs have one operating system disk and a temporary disk for short-term storage. You can attach additional data disks. The size of the VM determines the type of storage you can use and the number of data disks allowed. [Learn more](#)

Disk options

OS disk type * ⓘ

Encryption type *

Enable Ultra Disk compatibility ⓘ
Ultra disk is available only for Availability Zones in eastus.

Data disks

You can add and configure additional data disks for your virtual machine or attach existing disks. This VM also comes with a temporary disk.

i Adding unmanaged data disks is currently not supported at the time of VM creation. You can add them after the VM is

[Review + create](#) [< Previous](#) [Next : Networking >](#)

Create a virtual machine ...

Basics Disks Networking Management Advanced Tags Review + create

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution. [Learn more](#)

Network interface

When creating a virtual machine, a network interface will be created for you.

Virtual network * ⓘ	<input type="text" value="(new) Demo-vnet"/>
	Create new
Subnet * ⓘ	<input type="text" value="(new) default (10.1.0.0/24)"/>
Public IP ⓘ	<input type="text" value="(new) Demo-ip"/>
	Create new
NIC network security group ⓘ	<input type="radio"/> None
	<input checked="" type="radio"/> Basic
	<input type="radio"/> Advanced

[Review + create](#)

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[Next : Management >](#)

Create a virtual machine ...

Basics Disks Networking Management Advanced Tags Review + create

Configure monitoring and management options for your VM.

Azure Security Center

Azure Security Center provides unified security management and advanced threat protection across hybrid cloud workloads. [Learn more](#)

Your subscription is protected by Azure Security Center basic plan.

Monitoring

Boot diagnostics ⓘ On
 Off

Enable OS guest diagnostics ⓘ

Identity

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Create a virtual machine ...

Basics Disks Networking Management Advanced **Tags** Review + create

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more about tags](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name ⓘ	Value ⓘ	Resource
<input type="text"/>	: <input type="text"/>	12 selected 

Review + create

< Previous

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Create a virtual machine ...

✓ Validation passed

Basics Disks Networking Management Advanced Tags Review + create

PRODUCT DETAILS

Standard B1s
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Subscription credits apply ⓘ
[REDACTED]
[Pricing for other VM sizes](#)

TERMS

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the [Azure Marketplace Terms](#) for additional details.

Create

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After Process of Create Virtual Machine. You have got an Option **Go to Resource Group**
Click **Go to Resource Group**

Add the Network Security Group Inbound Rule Allow tcp Port No.: 15762

Copy the Public IP Address

Use the browser to access the application at `http://instance ip address:15672`

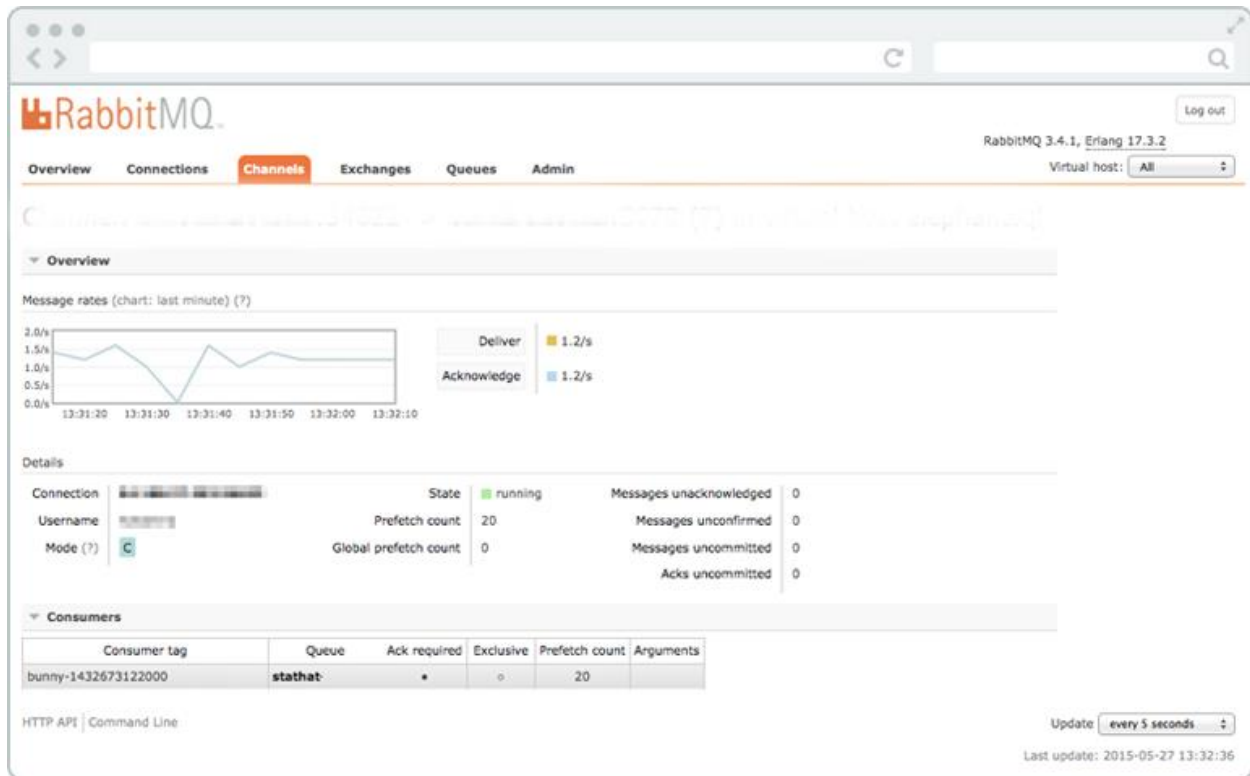


Username: *
Password: *

Login with `admin` as your admin and your `SecurePassword` as your password.

The dashboard shows the following data:

- Global counts:** Connections: 11, Channels: 66, Exchanges: 23, Queues: 14, Consumers: 31
- Queued messages (chart: last minute):**
 - Ready: 0 msg
 - Unacked: 12 msg
 - Total: 12 msg
- Message rates (chart: last minute):**
 - Publish: 230/s
 - Confirm: 0.00/s
 - Deliver: 397/s
 - Redelivered: 0.00/s
 - Acknowledge: 379/s
 - Get: 0.00/s
 - Get (noack): 0.00/s



Conclusion

You have now installed RabbitMQ server. Your `administrator` account will enable you to have all access privileges to the server. You can now configure your RabbitMQ instance from the dashboard.

ThankYou...