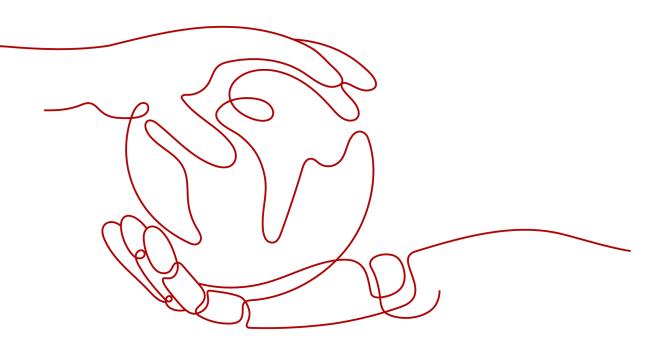
### Distributed Message Service for RocketMQ

FAQs

 Issue
 01

 Date
 2023-01-03





HUAWEI TECHNOLOGIES CO., LTD.

### Copyright © Huawei Technologies Co., Ltd. 2023. All rights reserved.

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd.

### **Trademarks and Permissions**

NUAWEI and other Huawei trademarks are trademarks of Huawei Technologies Co., Ltd. All other trademarks and trade names mentioned in this document are the property of their respective holders.

### Notice

The purchased products, services and features are stipulated by the contract made between Huawei and the customer. All or part of the products, services and features described in this document may not be within the purchase scope or the usage scope. Unless otherwise specified in the contract, all statements, information, and recommendations in this document are provided "AS IS" without warranties, guarantees or representations of any kind, either express or implied.

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.

### **Contents**

1 Instance FAQs	1
1.1 Is High Reliability Messaging Compatible with RocketMQ?	.1
1.2 How Is Instance Reliability Ensured?	.1
2 Topic FAQs	2
2.1 How Many Topics Are Supported?	
2.2 Is Automatic Topic Creation Supported?	
3 Consumer Group FAQs	3
3.1 How Many Consumer Groups Are Supported?	
4 Message FAQs	.4
4.1 Is Consumption Verification Supported?	
4.2 What Is the Message Retention Period of RocketMQ? Can I Modify It?	.4
4.3 What Is the Maximum Message Size Supported RocketMQ? Can I Modify It?	. 4
4.4 What Is the Replication Mode of RocketMQ? Can I Modify It?	.4
5 Monitoring & Alarms	5
5.1 Why Can't I View Topic Monitoring Data?	. 5



## 1.1 Is High Reliability Messaging Compatible with RocketMQ?

Yes. RockeMQ 4.8.0 or later is recommended.

### 1.2 How Is Instance Reliability Ensured?

Data is stored on one active and two standby nodes. Cross-AZ deployment is supported.

## **2** Topic FAQs

### 2.1 How Many Topics Are Supported?

The number of topics supported varies depending on the flavor, as shown in **Table 2-1**. A minimum of 2000 topics are supported.

Flavor	Broke rs	Storage Space (GB per Broker)	TPS per Broker	Max. Topics per Broker	Max. Consumer Groups per Broker
rocketmq. 4u8g.cluster.s mall	1–2	300-60,000	15,000	2000	2000
rocketmq. 4u8g.cluster	1–10	300– 600,000	20,000	4000	4000
rocketmq. 8u16g.cluster	1–10	300– 900,000	25,000	8000	8000
rocketmq. 12u24g.cluste r	1–10	300– 900,000	28,000	12,000	12,000
rocketmq. 16u32g.cluste r	1–10	300– 900,000	30,000	16,000	16,000

### Table 2-1 Instance specifications

### 2.2 Is Automatic Topic Creation Supported?

No. RocketMQ does not support automatic topic creation.

# **3** Consumer Group FAQs

### 3.1 How Many Consumer Groups Are Supported?

As shown in **Table 3-1**, the number of consumer groups supported varies depending on the flavor. A minimum of 2000 consumer groups are supported.

Flavor	Broke rs	Storage Space (GB per Broker)	TPS per Broker	Max. Topics per Broker	Max. Consumer Groups per Broker
rocketmq. 4u8g.cluster.s mall	1–2	300-60,000	15,000	2000	2000
rocketmq. 4u8g.cluster	1–10	300– 600,000	20,000	4000	4000
rocketmq. 8u16g.cluster	1–10	300- 900,000	25,000	8000	8000
rocketmq. 12u24g.cluste r	1–10	300– 900,000	28,000	12,000	12,000
rocketmq. 16u32g.cluste r	1–10	300– 900,000	30,000	16,000	16,000

#### Table 3-1 Instance specifications

## **4** Message FAQs

### 4.1 Is Consumption Verification Supported?

No. Currently, DMS for RocketMQ does not support consumption verification.

## 4.2 What Is the Message Retention Period of RocketMQ? Can I Modify It?

The message retention period of RocketMQ is 48 hours. This period cannot be modified.

## 4.3 What Is the Maximum Message Size Supported RocketMQ? Can I Modify It?

The maximum message size supported by RocketMQ is 4 MB. This limit cannot be modified.

## 4.4 What Is the Replication Mode of RocketMQ? Can I Modify It?

A RocketMQ message is stored on three replicas, one master and two slaves. This mode cannot be modified.

# **5** Monitoring & Alarms

### 5.1 Why Can't I View Topic Monitoring Data?

A percent (%) or vertical bar (|) contained in a topic name will be converted to an underscore (\_) by Cloud Eye. For example, if a topic name is **test%01**, it will be displayed as **test\_01** on Cloud Eye.