

# Blockchain as a Service

Quick Start

# Quick Start

## Hyperledger Fabric

### Quick start

Alibaba Cloud BaaS provides a quick mode to create and deploy secure blockchain networks. You only need to specify the required information, and Alibaba Cloud BaaS will automatically perform operations to create a complete blockchain network. These operations include creating a consortium, creating organizations, and inviting groups to join a consortium or a channel.

Note: When you are familiar with the blockchain business, you can also choose the standard mode. In this mode, you can invite new members, extend and customize your blockchain system, or create a new blockchain system. For more information, see [Use blockchain services](#).

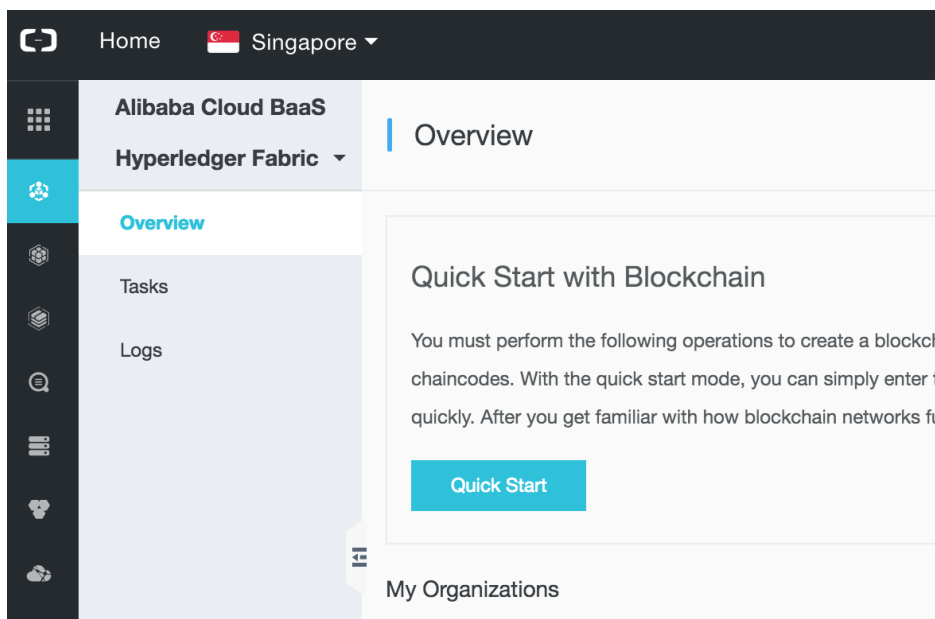
### Deploy blockchains quickly

1. Log on to Alibaba Cloud.

- If you are using an Alibaba Cloud account, [click here to log on](#) .
- If you are using a RAM user, [click here to log on](#).

Log on to the Alibaba Cloud BaaS console.

Click **Quick Start**.



1. Specify the following information.

Parameter	Description
Consortium Name	We recommend that you enter a business-related name that is easy to identify.
Consortium Domain Name	Enter the prefix of the consortium domain name. The consortium domain name is the identifier of the consortium in a blockchain network. It is globally unique and cannot be modified.
Channel Creation Policy	<ul style="list-style-type: none"> <li>- <b>* Any (agreed by any organization )</b>: Creation of a new channel requires the consent from an organization in the new channel.</li> <li>- <b>* All (agreed by all organizations )</b>: Creation of a new channel requires the consent from all organizations in the new channel.</li> </ul>
Consensus	No need to specify this. Hyperledger Fabric provides Crash Fault Tolerance (CFT) based on Kafka.
Region	The region where your blockchain infrastructure is located. We recommend that you select the same geographic region as the business application system.
Node Quantity	The number of peers in the organization.
Specification	Select Basic, Enterprise Edition, or Enterprise Security Edition. For a detailed description and comparison of these three product editions, see <a href="#">Product editions</a> .
Add Organization	You must create at least one organization. An organization is an enterprise, government institution, or community that participates in the blockchain network. You can also add more organizations after this blockchain network has been created.

Click **OK**.

On the **Overview** page, you can see the consortium and organization that you created. The consortium and organization are in the **Creating** status.

It may take several minutes for the system to configure the resources.

**Alibaba Cloud Baas Hyperledger Fabric**

**Overview**

**Quick Start with Blockchain**

You must perform the following operations to create a blockchain network: create blockchain a consortium, create organizations, invite members to the consortium, create channels, and install chaincodes. With the g. The system automatically performs the required operations for you so that you can use the blockchain network quickly. After you get familiar with how blockchain networks function, you can invite new members to ext create a new blockchain network.

[Quick Start](#)

**My Organizations**

[Create Organization](#) [Refresh](#)

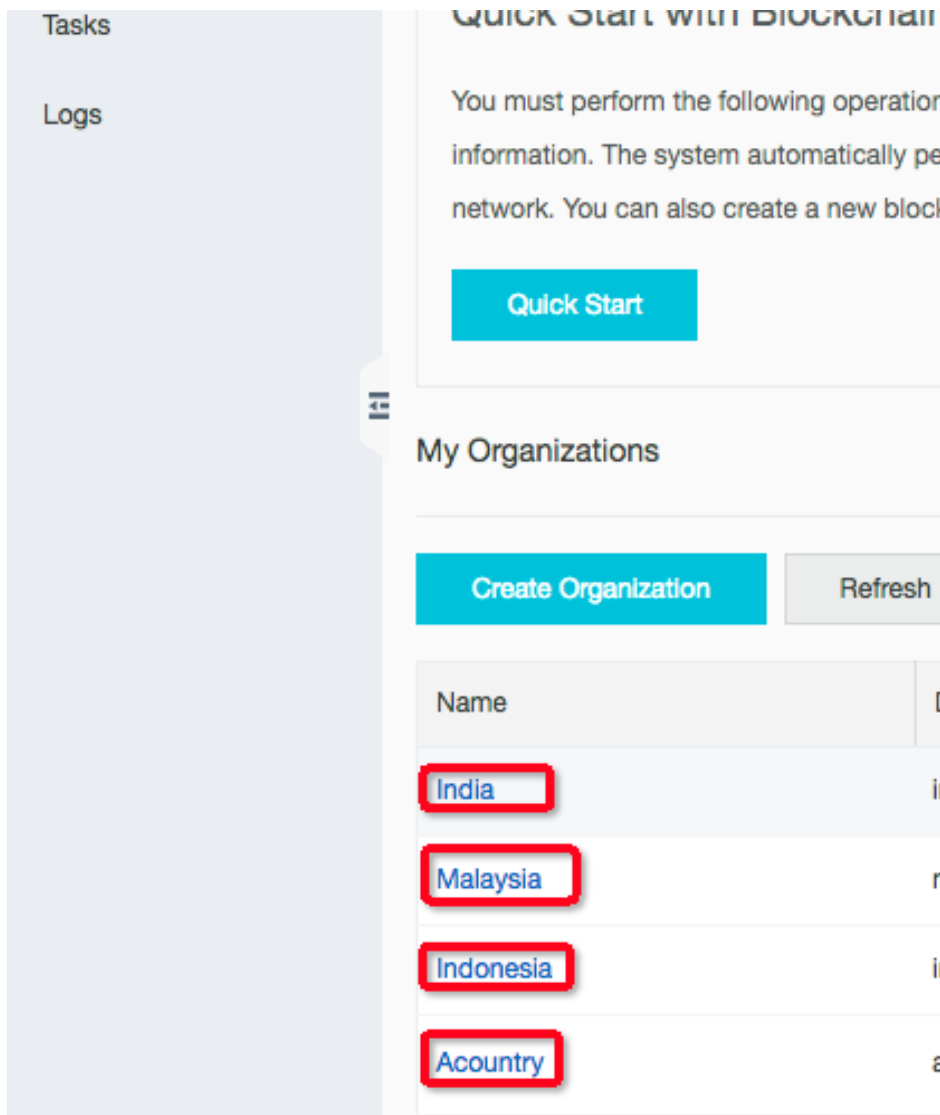
Name	Domain	Region	Peers	Users	Consortium	Status
India	india.sgp-pre.aliyunbaas.top	ap-southeast-1	2	1	1	Running
Malaysia	malaysia.sgp-pre.aliyunbaas.top	ap-southeast-1	2	0	1	Running
Indonesia	indonesia.sgp-pre.aliyunbaas.top	ap-southeast-1	2	0	1	Running
Acountry	acountry.sgp-pre.aliyunbaas.top	ap-southeast-1	2	0	0	Creating

**My Consortia**

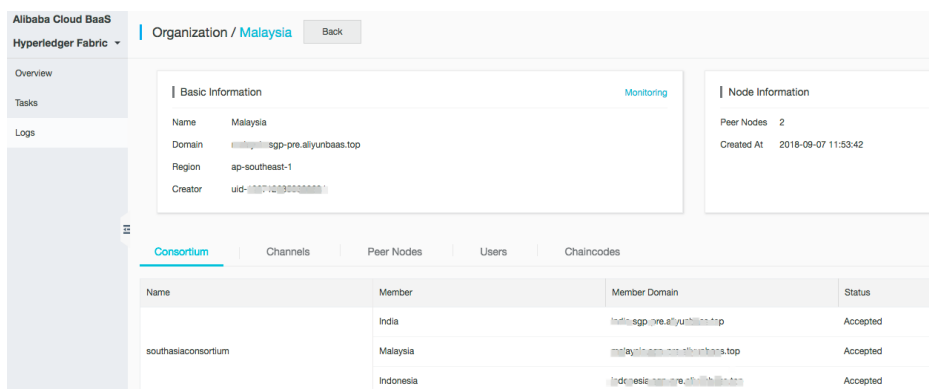
[Create Consortium](#) [Refresh](#)

Name	Domain	Creator	Region	Members	Channels	Channel Creation Policy
southasiaconsortium	sgp.sgp-pre.aliyunbaas.top	uid-1267126353308684	ap-southeast-1	3	2	Any

1. After you have created an organization, you can click the name of the organization in **My Organizations** to view the details of the organization.



The details of the organization are as follows.



1. In **My Consortia**, click the name of a consortium blockchain to view the details.

NETWORK. YOU CAN ALSO CREATE A NEW I

Quick Start

My Organizations

Create Organization

Refre

Name
India
Malaysia
Indonesia
Acountry

My Consortia

Create Consortium

Refre

Name	I
southasiaconsortium	\$

Consortium blockchain details are included in tabs such as **Member Organizations**, **Channels**, **Chaincodes** , and **Orderer Nodes**.

Alibaba Cloud BaaS

Hyperledger Fabric

Overview

Tasks

Logs

Consortium / southasiaconsortium

Back

Member Organizations

Channels

Chaincodes

Orderer Nodes

Invite Organization

Refresh

Organization	Domain	Joined At
India	india.hyperledger-fabric.com	2018-09-07 11:59:46
Malaysia	malaysia.hyperledger-fabric.com	2018-09-07 11:59:46
Indonesia	indonesia.hyperledger-fabric.com	2018-09-07 11:59:46

# Next

Deploy chaincodes