

Using the Mobile Foundation service to set up MobileFirst Server on IBM Containers

Overview

This tutorial provides step-by-step instructions to set-up a MobileFirst Server instance on IBM Containers using the **Mobile Foundation** service.

Mobile Foundation is a **Bluemix service** that enables quick & easy stand-up of scalable Developer or Production environments of MobileFirst Platform Foundation v8.0 Beta on **IBM Containers**.

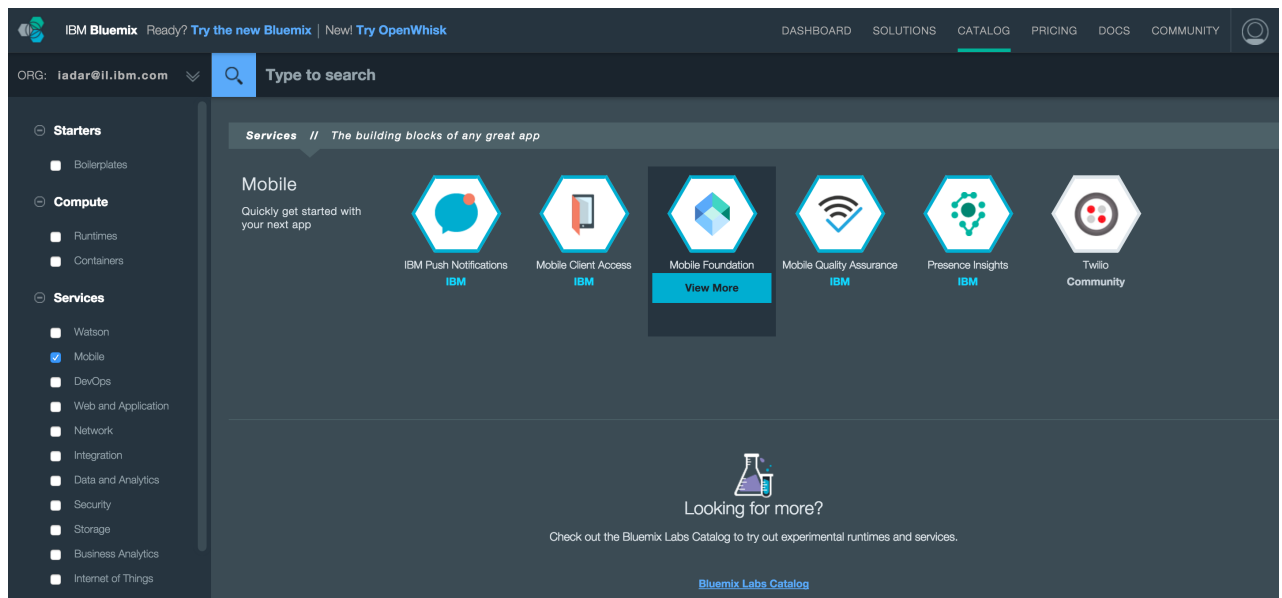
Prerequisite: Make sure to read the Introduction to IBM MobileFirst Platform Foundation on IBM Containers (../) tutorial.

Jump to:

- Using the Mobile Foundation Bluemix service
- Server configuration
- Advanced server configuration
- Further reading

Using the Mobile Foundation Bluemix service

1. Load bluemix.net (<http://bluemix.net>) and visit the **Catalog** page.
2. From the left sidebar, tick the "Mobile" checkbox under **Services**. Then, click on the **Mobile Foundation** tile to begin the service creation process.



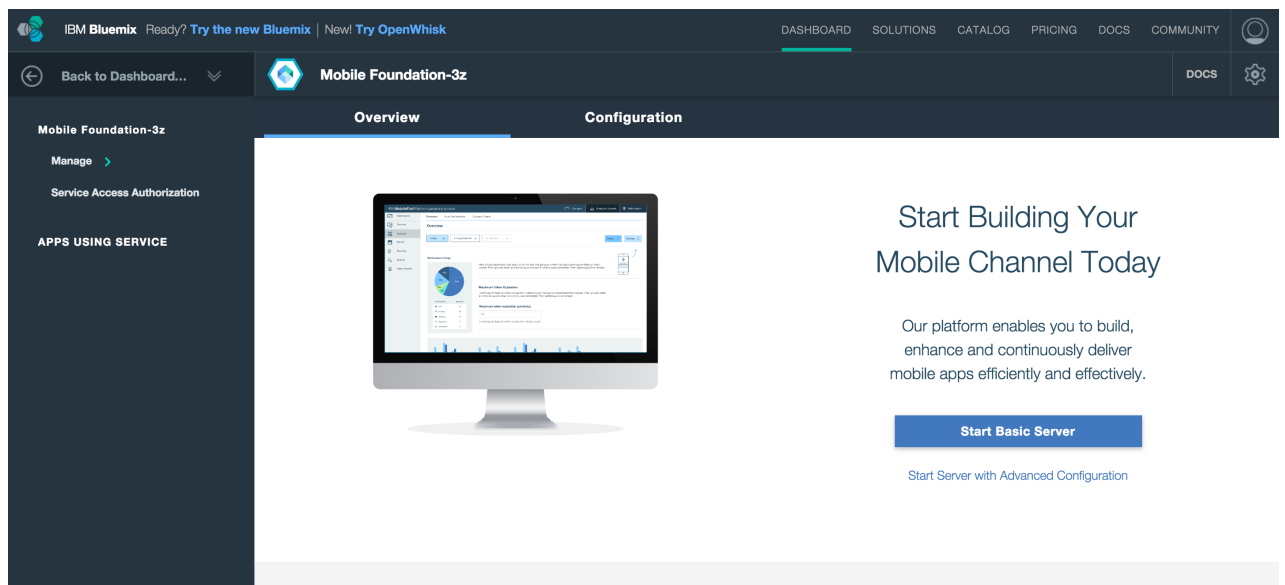
3. Select a **space** to use and optionally set a **Service name**. Then, click **Create**.



4. Agree to the Early Beta license terms, provide your Bluemix username and password, and click **Continue**.
5. Start the MobileFirst Server.
 - You can either keep the server configuration at its basic level and click on **Start Basic Server**, or
 - Update the server configuration in the Configuration tab, and click on **Start advanced server**.

During this step an IBM Container is generated for the Mobile Foundation service, and the MobileFirst Platform Foundation environment is being initialized.

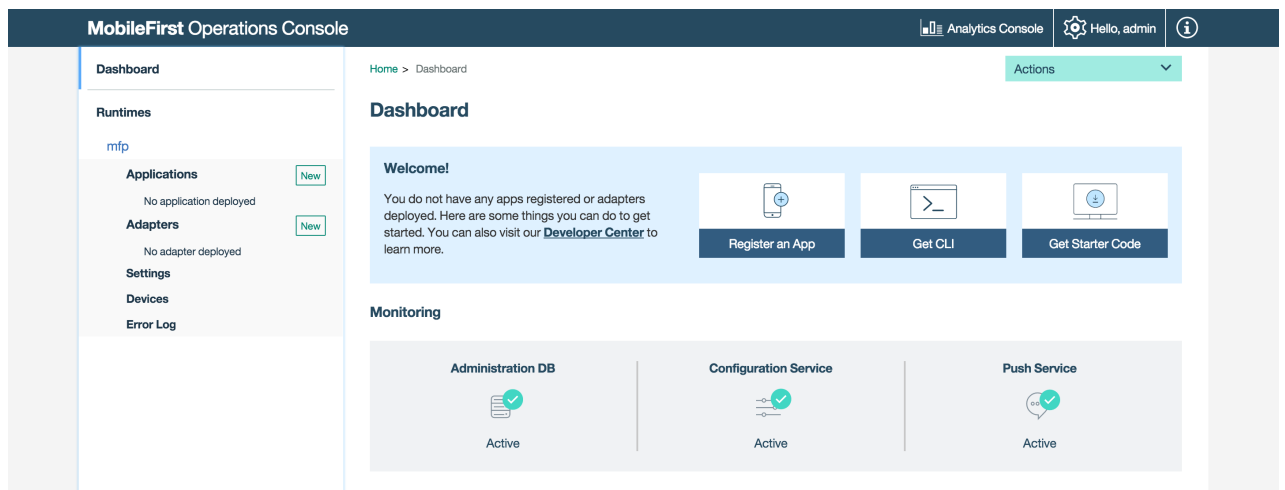
This takes between 5 to 10 minutes.



6. With the MobileFirst Server now running, you are presented with the following Dashboard:



- Click on **Launch Console** to open the MobileFirst Operations Console. The username is "admin" and the password can be revealed by clicking on the "eye" icon.



Server configuration

The basic server instance consists of:

- A single node
- 512MB memory
- 32GB storage capacity

Advanced server configuration

Through the Configuration tab, the server instance can be further customized with:

- Varying node, memory and storage combinations
- MobileFirst Operations Console admin password
- LTPA keys
- JNDI configuration
- User registry
- TrustStore
- Operational Analytics configuration*
- Database selection*

- VPN*

Note: The beta release does not support all mentioned features.

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Overview Configuration

Topology Security Server Configuration

Select the Server size plan and the number of instances of the server according to your needs. Based on the size of the Container, charges will be added to your Bluemix billing.

Topology Size

Server Size	S	M	L	XL	XXL
Memory (GB)	1	2	4	8	16
Storage (GB)	64	128	256	512	1024

Further reading

Now that the MobileFirst Server instance is up & running, you can learn more about:

- [MobileFirst Operations Console](#) (../setting-up-your-development-environment/console)
- [Experience MobileFirst Platform Foundation with these Quick Start tutorials](#) (../quick-start)
- [Or read through all available tutorials](#) (../all-tutorials/)