

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

fork and edit tutorial (<https://github.ibm.com/MFPSamples/DevCenter/tree/master/tutorials/en/foundation/8.0/ibm-containers/using-mobile-foundation/index.md>) | report issue (<https://github.ibm.com/MFPSamples/DevCenter/issues/new>)

Overview

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

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

Prerequisite: Make sure to read the Introduction to IBM MobileFirst Platform Foundation on IBM Containers (%22../%22) 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 **MobileFirst Platform Foundation** to begin the service creation process.



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

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Mobile Foundation
IBM

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IBM

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Service

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BETA MobileFirst Platform Foundation helps enterprises deliver on their mobile strategy by reducing both application development integration and maintenance costs, improving time-to-market and enhancing mobile application governance and security.

- What it is:** MobileFirst Platform Foundation includes a comprehensive development environment, mobile-optimized runtime middleware, and an integrated management and analytics console, all supported by various security mechanisms.
- What you get:** This service helps you provision and orchestrate MobileFirst Platform Foundation on the Cloud. Your mobile server(s) will be created in Bluemix Containers, and will provide you with a reliable and scalable environment.
- What can you do:** With MobileFirst Platform Foundation you can connect and synchronize mobile apps with enterprise data, applications and cloud services. Safeguard mobile security at the device, application, data and network layer. Manage your mobile app portfolio from a single central interface with detailed operational analytics.

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Plan	Features	Price
✓ Beta	Free + Dependent Services	Free

This service will provision IBM MobileFirst Platform Foundation server in a Container environment. It will consume the

Add Service

Space:

Service name:

Selected Plan:

[CREATE](#)

4. Agree to the Early Beta license terms, provide your Bluemix username and password, and click **Continue**.
5. Optionally update the server configuration in the Configuration tab, and click on **Start advanced server**.
6. Click in **Start Basic Server** to start the MobileFirst Server.

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7. After starting the server you are presented with the MobileFirst Platform Operations Console.



Server configuration

The created server instance baseline is made 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
- console username & password
- LTPA keys
- JNDI configuration
- user registry
- TrustStore
- MobileFirst Platform Foundation Analytics configuration
- Database selection
- VPN

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



Further reading

Now that the MobileFirst Server instance is up & running, you can learn more about the MobileFirst Operations Console, how to create applications and adapters and enhance applications with push notifications, security and more.

- Experience MobileFirst Platform Foundation with these Quick Start tutorials ([../quick-start](#))
- Or read through all available tutorials ([../all-tutorials/](#)).