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 scaleable 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.

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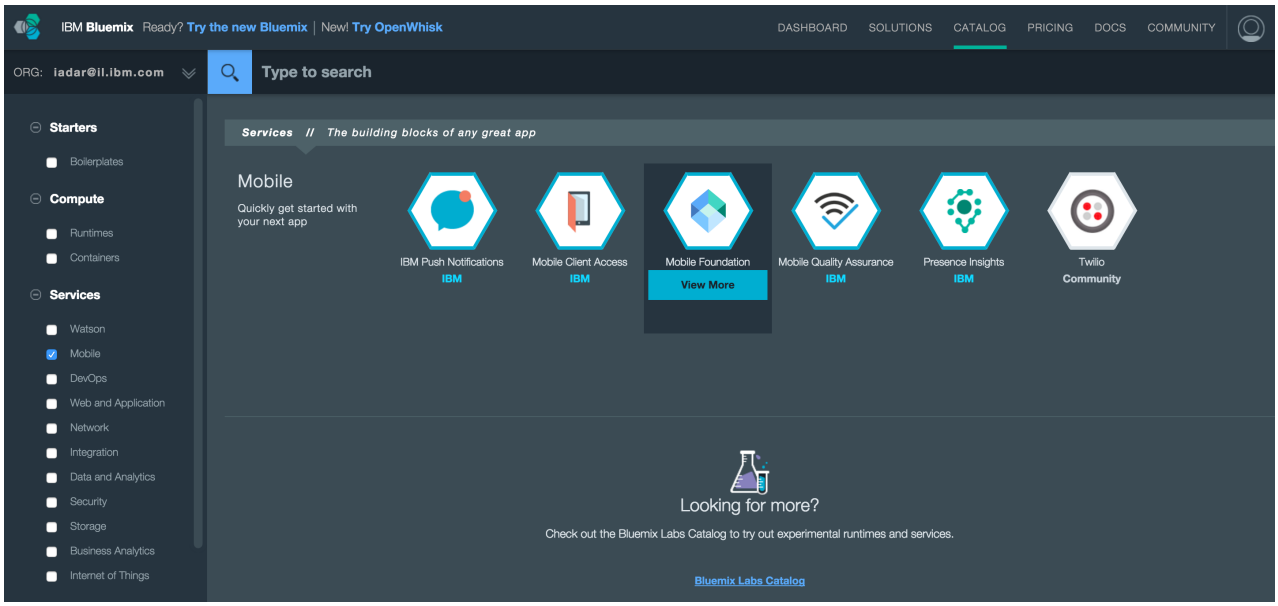
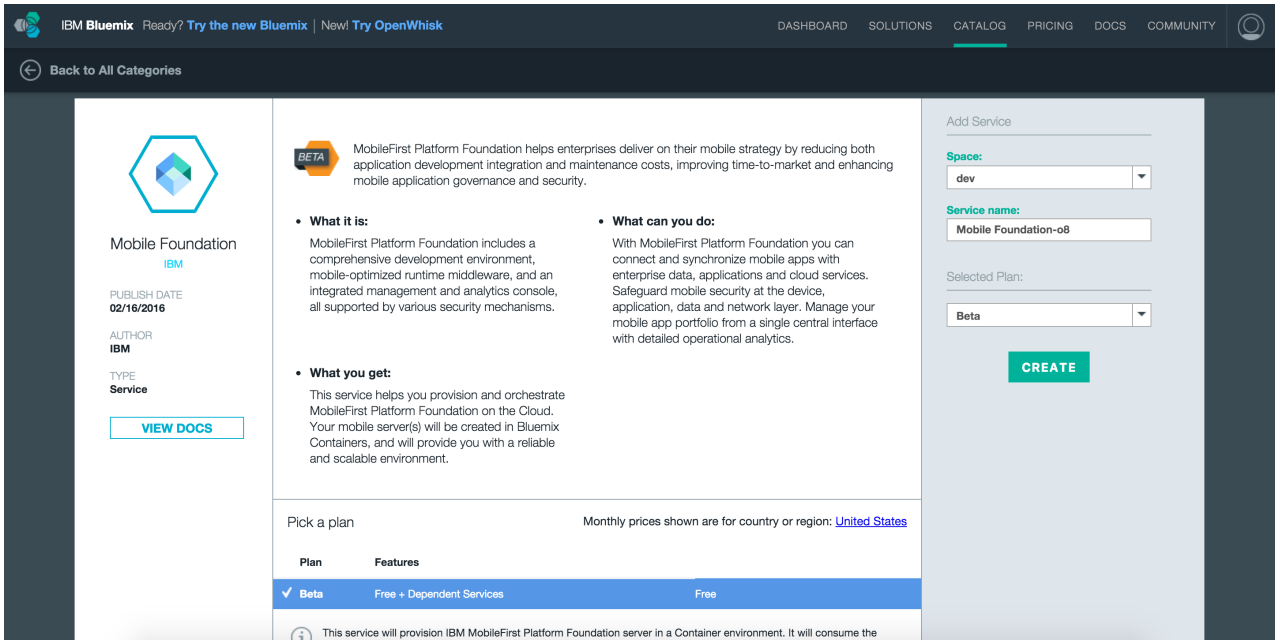
Using the Mobile Foundation Bluemix service

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.

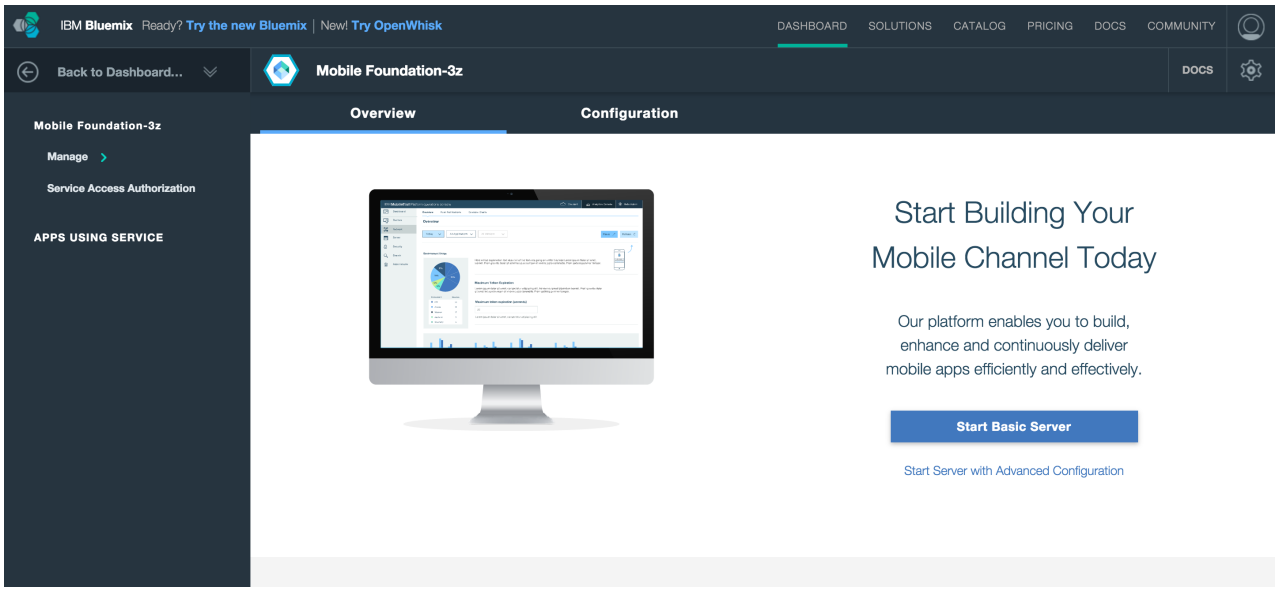


3. Select a **space** to use and optionally set a **Service name**. Then, click **Create**.

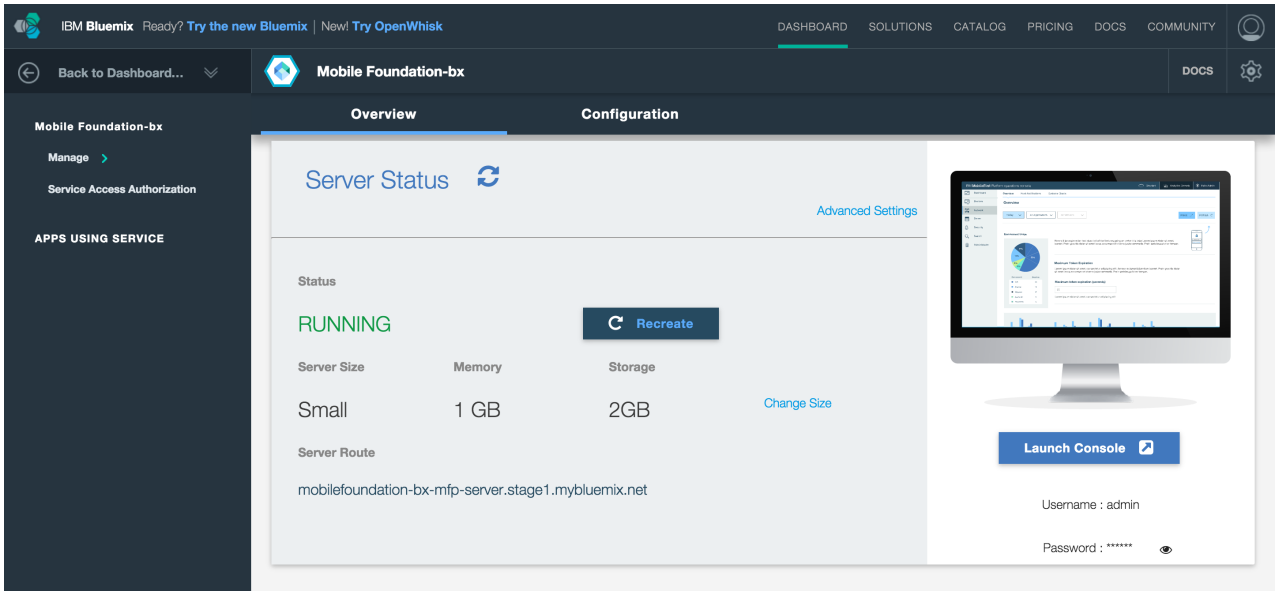


4. Agree to the Early Beta license terms, provide your Bluemix username and password, and click **Continue**.
5. Start the MobileFirst Server.
    - You can either keep the server configuration at its basic level and click on **Start Basic Server**, or
    - Update the server configuration in the Configuration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

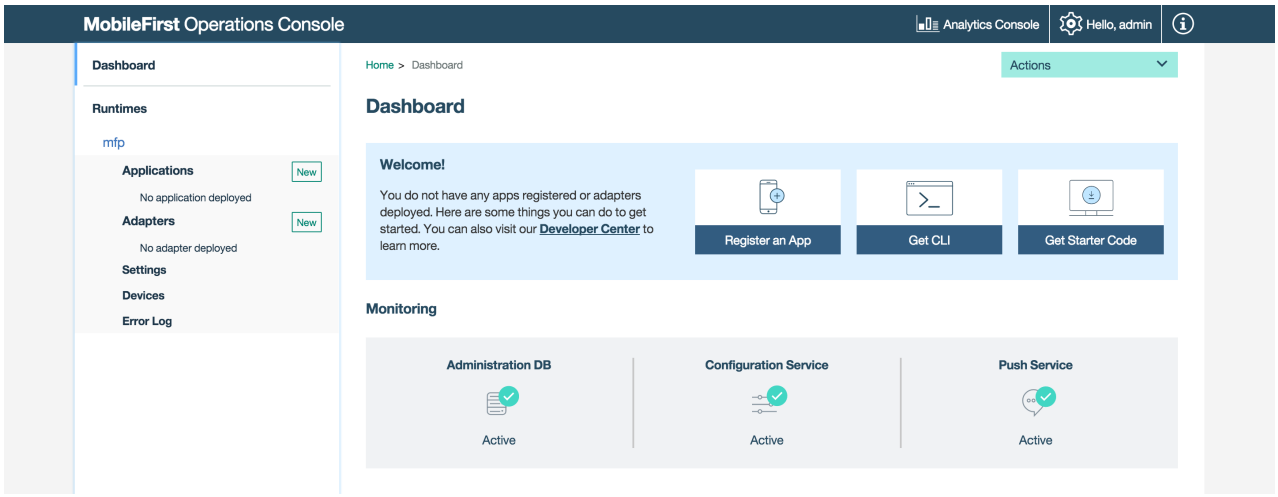
    During this step an IBM Container is generated for the Mobile Foundation service, and the MobileFirst Platform Foundation environment is being initialized.
    This takes between 5 to 10 minutes.



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



7. Click on **Launch Console** to open the MobileFirst Operations Console.



Server configuration

The basic server instance consists of:

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

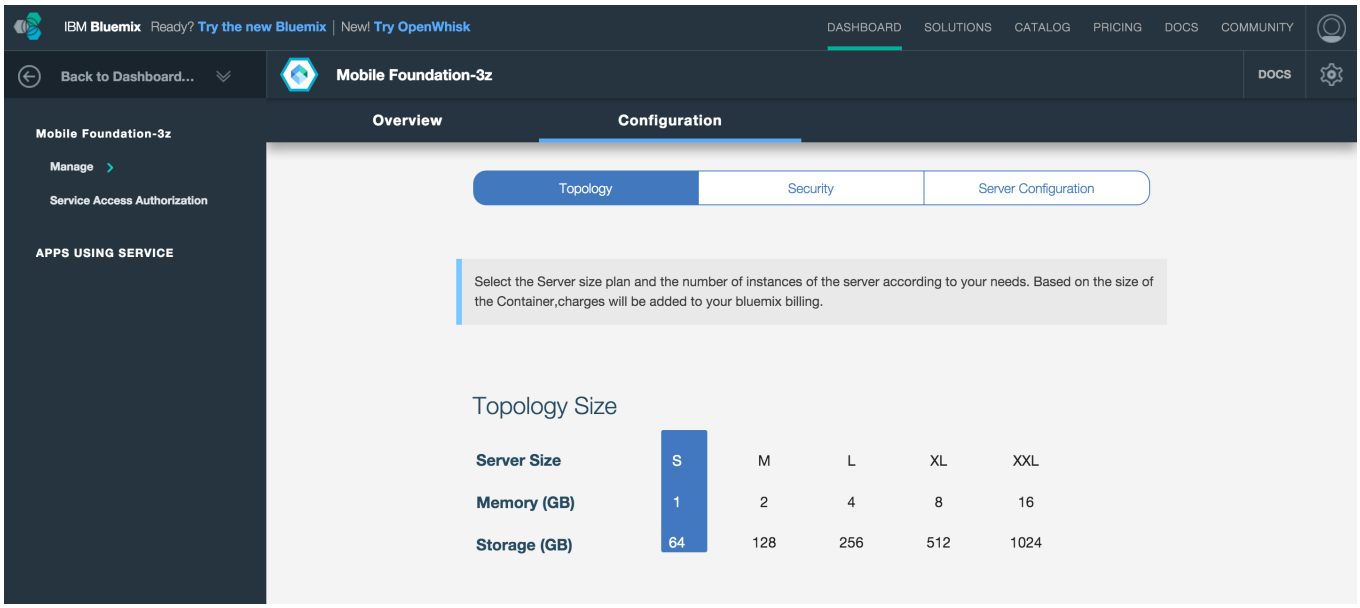
Advanced server configuration

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.



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/)