IBM Bluemix Streamlines Mobile App Development in the Cloud
Gang Chen

We're seeing a lot of innovations, we're seeing a lot of new technologies coming out to help our customers, to help the industry to drive the next evolution of mobile in the cloud.

One of them being Bluemix and MBaaS.

What's behind Bluemix and MBaaS is really cloud-based application development.

Bluemix, it's really a platform as a service (PaaS).

It provides cloud-based APIs (application programming interface), it provides existing or pre-built applications in the cloud so our customers can use.

I'll give you one example of what Bluemix provides.

Let's say I want to build a node.js application, which is part of a system engagement application, where I may have just a small department, and I want to build some applications quick.

Time to market, total cost of ownership are my main concerns and I don't really have a huge and strong infrastructure team to support me.

And my developers are those kinds of web developers, mobile developers, that are familiar with JavaScript and those kinds of fast programming languages.

In that case, that's where Bluemix comes in and provides me that choice where I don't really need to set up my own infrastructure.

I just use a node.js component in the Bluemix cloud and I just say give me an environment where I can build node.js applications.

With one button click in the Bluemix web browser based console, I get that environment, and all I have left is to just start developing those applications.
I can get my environment ready in less than half an hour, simple as that.

And node.js is one platform we support.

For the Java communities, we support the WebSphere Liberty-based component, you can develop Java EE applications in the cloud in Bluemix.

You can also develop Ruby on Rails type of applications.

Besides application platform, IBM Bluemix also provides services.

For example, MongoDB or the latest Cloudant database, you can just use it as a service in the cloud from Bluemix.

You don’t have to have a DBA set up your database, install the machines, it’s all available in the cloud as a service in Bluemix.

Now we categorize two types of services, one is IBM Certified, things like WebSphere Liberty profiles, and there are other community-based, like MySQL, MongoDB, open source based solutions.

So combined with application and services you can really build powerful system engagement applications in an extremely reduced timeframe.

Copyright © 2014 IBM Corp