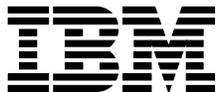

**IBM z Systems
Introduction
May 2017**

StrongLoop and IBM z Systems
Frequently Asked Questions

Worldwide



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StrongLoop and IBM z Systems

What is StrongLoop and how does it deliver value?

StrongLoop is a company founded to create and support StrongLoop Suite. StrongLoop Suite is a Node.js framework built on top of the open source LoopBack framework to develop API Platforms. The LoopBack framework is a platform for the full API lifecycle that allows one to visually develop RESTful APIs in Node.js and get them connected to new and legacy data. In addition, the framework features built-in mBaaS (mobile backend as a service) features like push and offline sync, plus graphical tools with DevOps features for clustering, profiling and monitoring Node.js applications.

How are clients using StrongLoop?

StrongLoop clients use StrongLoop with the LoopBack framework to create RESTful APIs for their mobile, web and IoT applications. With other add-on tools, such as Process Manager and Metrics, clients are able to enhance the performance and the monitoring process. StrongLoop also provides 24*7 commercial support, making the client applications enterprise-ready.

How is IBM working with the community and StrongLoop?

As a founding member of the Node.js Foundation, IBM has a long history within open communities with significant contributions to and investments in Apache and Apache Spark, Eclipse, OpenStack® and the Cloud Foundry with the goal of advancing open, community-driven innovation to drive client value. IBM also announced continued StrongLoop contributions to the LoopBack and Express Frameworks that help developers rapidly create APIs that connect applications to enterprise systems of record.

In late 2015, IBM completed the acquisition of StrongLoop. Now, IBM is working directly with the StrongLoop core development team to help integrate StrongLoop into IBM products. Meanwhile, IBM will continue to enhance and support the 160+ npm modules StrongLoop has already published. Those that are open source and liberally licensed will continue to be.

What IBM products and services work with StrongLoop Suite?

StrongLoop Suite is written entirely in Node.js. IBM provides the IBM SDK for Node.js on multiple operating systems and hardware platforms, and will continue to work with the community and StrongLoop team to enhance its enterprise capability. StrongLoop applications can be easily deployed on IBM BlueMix® and DevOps, where they have already leveraged Node.js runtime to provide enterprise support.

How does StrongLoop work with IBM z Systems?

StrongLoop works out of the box on IBM z Systems, and it is available via the npm repository. All features are available including Arc, API Composer, Metrics, Build & Deploy and Process Manager. Clients can simply create and deliver APIs with Composer, then deploy the API applications on z Systems with Process Manager and Build & Deploy.

What benefits do clients gain by running StrongLoop on IBM z Systems?

By deploying your API platform on IBM z Systems® with StrongLoop, you gain all the strengths, security and reliability of the mainframe. IBM z Systems support some of the fastest general-

purpose processors available, and they are well-known for data processing throughput. The large number of cores available in a mainframe and its high input/output bandwidth means that StrongLoop applications can scale up as well as scale out, to handle the massive API requests.

StrongLoop clients can take advantage of 160+ StrongLoop supported npm modules compatible with IBM z Systems.

StrongLoop clients can also benefit from continuing contributions made by the combined IBM and StrongLoop. IBM contributes to many open source emerging technology projects through communities including Apache, Eclipse, OpenStack and Cloud Foundry, and was a founding member of the Node Foundation, dedicating three technical experts alongside the StrongLoop leadership.

To learn more, please visit

<http://www.ibm.com/middleware/application-platform/en-us/strongloop.html>

To read about the announcement, please visit

<https://developer.ibm.com/bluemix/2015/09/10/ibm-acquires-strongloop/>



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