



# IBM z/OS Connect Planning and Implementation Services

*Enable mobile access to enterprise applications and data*

---

## Highlights

- Create a common and consistent interface for mobile access to enterprise applications and data
- Benefit from a single access point for security and auditability
- Enable z/OS systems such as CICS and IMS to better and more easily participate in today's mobile computing environment
- Leverage existing assets and use the services discovery function to expose new services within the mobile ecosystem
- Rely on IBM skills and experience to quickly expose system of record application data to the enterprise via REST/JSON interfaces

## The (other) influence of mobile computing

Mobile devices are deeply embedded into our daily lives. Smartphones, tablets, and emerging devices like Smartwatches help as we navigate the world around us, from turn-by-turn driving directions or checking a flight status, to following along with breaking news, or researching products while shopping and prior to purchase.

Beyond daily user activity, mobile computing has had a profound effect on the way IT architectures are designed; instant access to data has led to greater functionality and productivity. Making those assets more accessible directly translates to new opportunities and a competitive advantage. But keeping pace with these trends can be a significant challenge in the marketplace.

IBM Systems Lab Services can help with IBM z/OS® Connect Planning and Implementation Services.

## The mainframe meets internet applications

Built on IBM WebSphere® Application Server Liberty profile, z/OS Connect is a gateway that provides a simple and secure way to discover and invoke applications and data on z/OS from mobile, cloud, and web applications. It supports a standard interface for Representational State Transfer (REST) APIs and JavaScript Object Notation (JSON), which makes it readily accessible to web and mobile developers. RESTful APIs are one of the key technologies used to abstract enterprise assets and, along with an API management solution, allows for the consumerization of z/OS assets as APIs.



## What to expect

Where z/OS Connect excels is in its common and consistent interface to and running on the mainframe. It is able to integrate with IBM z Systems™ facilities and z/OS subsystems that have proven qualities of service for the enterprise. It supports a common interface for IBM CICS®, IBM IMS™, or batch applications.

With this service offering, a team from IBM Systems Lab Services will plan an appropriate implementation path and configure and exploit z/OS Connect as a standard REST/JSON interface for customer applications. Services may also include:

- Ensure prerequisite software is installed allowing z/OS Connect entitlement
- Deploy one instance of z/OS Connect via the Liberty Profile Started Task
- Configure the server.xml file
- Deploy an application to demonstrate connectivity to the back end z/OS subsystem

## For more information

Learn more about IBM z/OS Connect Planning and Implementation Services and other related products and services. Contact [stgls@us.ibm.com](mailto:stgls@us.ibm.com) or visit:

[ibm.com/systems/services/labservices](http://ibm.com/systems/services/labservices)



---

© Copyright IBM Corporation 2015

IBM Corporation  
Route 100  
Somers, NY 10589

Produced in the United States of America  
August 2015

IBM, the IBM logo, [ibm.com](http://ibm.com), CICS, IMS, WebSphere, z Systems, and z/OS are trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the web at “Copyright and trademark information” at [www.ibm.com/legal/copytrade.shtml](http://www.ibm.com/legal/copytrade.shtml).

This document is current as of the initial date of publication and may be changed by IBM at any time.

Not all offerings are available in every country in which IBM operates.

THE INFORMATION IN THIS DOCUMENT IS PROVIDED “AS IS” WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTY OR CONDITION OF NON-INFRINGEMENT. IBM products are warranted according to the terms and conditions of the agreements under which they are provided.



Please Recycle

---