

Introducing IBM Wazi aaS and Kobee on IBM Cloud to accelerate innovation with IBM z/OS Dev, Test and Prod

AT A GLANCE

- » **Contemporary versioning** safeguards your code and enables parallel development .
- » **Automated Compile JCL** are generated. We run the job, collect the compile listing and load modules in an archive.
- » **Automated Promote JCL** are generated. JCL steps are available for DB2 binds, running test software, CICS updates...
- » **Languages support** Assembler, COBOL, PL/1, 4GL's, IDMS ADSO...
- » **Databases support** vsam, ims, db2, Datacom, IDMS...
- » **Tools support**
 - IBM Dependency Based Build
 - IBM Debug for z/OS
 - IBM Rational® Test Workbench
- » **Special features**
 - Release & Package based
 - Project dependencies
 - Approval based

BOOST PRODUCTIVITY AND IMPROVE COLLABORATION WITHIN YOUR ENTERPRISE, USING IBM WAZI AAS AND Kobee.

Pre-Deployment (using IBM Wazi aaS)

Using IBM Wazi aaS, a Cloud-Native z/OS environment, developers are now able to develop their z/OS applications using a contemporary IDE and to thoroughly test their z/OS applications on a replica of their enterprise mainframe.

The ability to quickly compile (build) code and subsequently the opportunity to run unit, functional and integration tests is a key factor for developer productivity.

Once a mainframe developer has finished his work using IBM Wazi aaS, he is ready to commit his code to the company's source code repository (Gitlab/Git/Subversion) so that the automated (CI/CD) processes can take over.

Final Build (using Kobee)

Once the code is committed, it is available to the DevOps solution (Kobee) which will then initiate the CI/CD processes following your defined life cycles and orchestrate your z/OS toolchain.

• Create

Develop and test z/OS application components in a virtual z/OS environment using dedicated IBM tools (IDE, Debugger, Impact Analyzer...).

Once committed Kobee analyzes the code and generates (compile) JCL that is then sent to the production mainframe to be executed.

• Verify

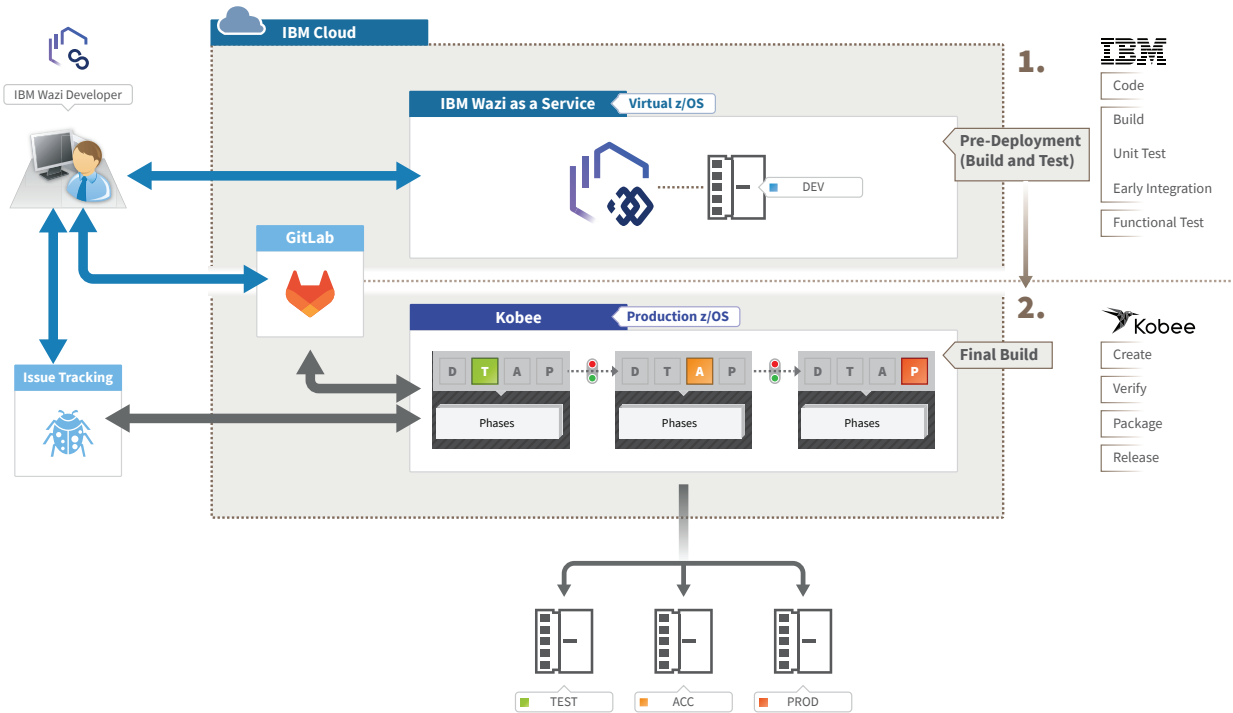
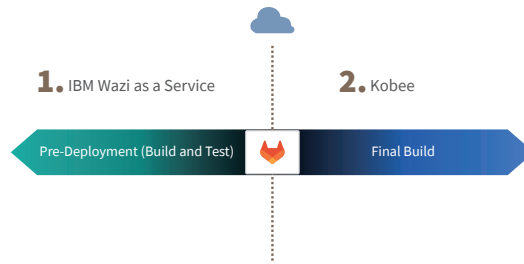
As part of the process code can be promoted to test libraries and a JCL step can be generated to run the required testing tools.

• Package

Based on the compiled load modules, Kobee generates the necessary JCL steps with the actual library names and optional DB2 binds or CICS updates.

• Release

The generated JCL is submitted to z/OS for Promotion (Deploy) to a Test or Production environment.



Read more:

<https://www.ibm.com/cloud/blog/announcements/introducing-ibm-wazi-as-a-service>

<https://wazi.kobee.io>

Leading you from idea to implementation in 3 simple steps.

- **Discovery:** Together we analyze your current development and release process and define the optimal z/OS DevOps solution for your company. We clearly draw the roadmap on how to get there.
- **Pilot:** Next we proof that the proposed solution works. It takes **only 1 week** to deliver our proof-of-concept!
- **Go!:** After the POC is finished we have your business case ready, give you a commercial proposal and you can begin implementing the solution.

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 IKAN Development (Belgium)
 Kardinaal Mercierplein 2, 2800 Mechelen, Belgium
 Tel. +32 15 797306, E-mail: info@ikan.be
 www.ikan.be

