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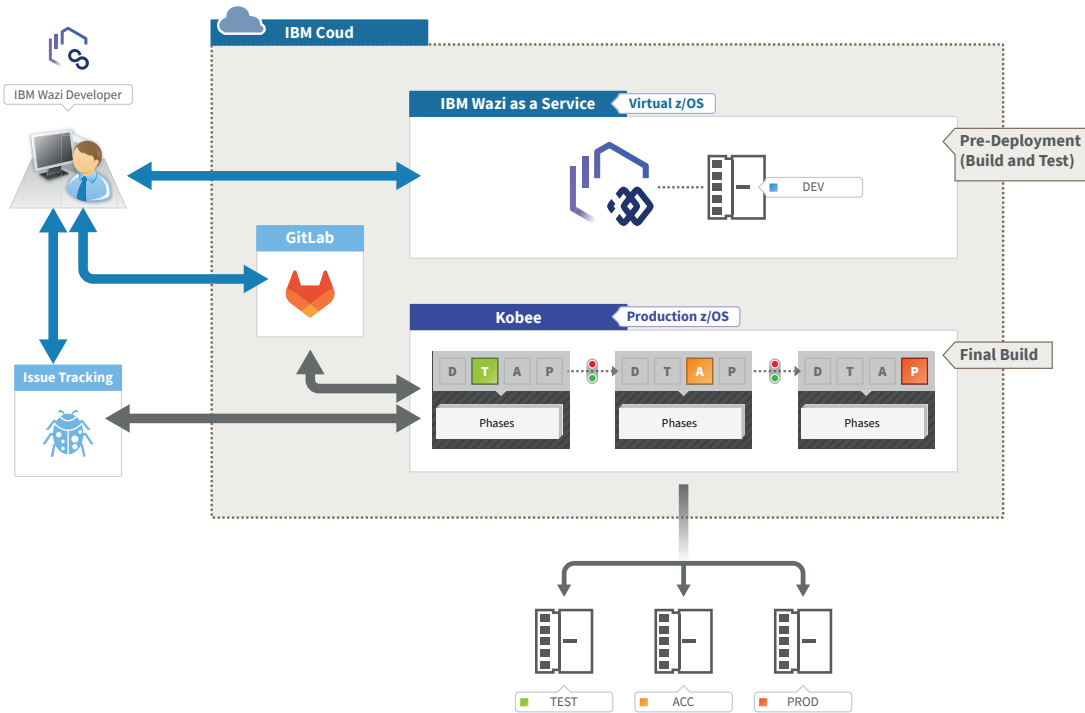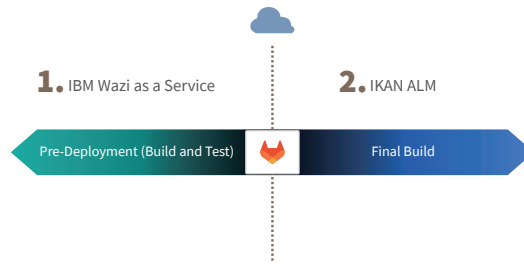
- **Verify**
As part of the process code can be promoted to test libraries and a JCL step can be generated to run the required testing tools.

- **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.