



EBS Integration Kit 2.3.0.2

Release Updates – October, 2022



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Introduction

The EBS Integration Kit from LikeMinds Consulting is a software solution which enables Single Sign-On & Just-In-Time Provisioning for the Oracle E-Business Suite ERP. EBS Integration Kit (EIK) is developed to work with PingFederate, an Identity and Access Management solution from PingIdentity. The EIK works along with PingFederate for enabling Single Sign-On & provisioning while using a modernized approach to integrate with PingFederate via the OpenID Connect protocol.

Purpose

The purpose of this document is to summarize the release updates for EBS Integration Kit 2.3.0.2. The release updates summarize the changes with respect to current & previous product features.

Scope

The EIK 2.3.0.2 release updates provided are tested & certified against the following versions of Oracle and PingIdentity products.

EBS Integration Kit	Oracle E-Business Suite	Oracle Database	PingFederate	PingAccess (optional)	WebLogic	Apache Tomcat
EIK 2.3.0.2	Releases with update packs 12.0.x to 12.1.x & 12.2 to 12.2.10	From 11g up to 19c release	PingFederate versions 8.x to 11.0.2	PingAccess versions 4.x to 7.0.x	WebLogic 12.2.1.4	Apache Tomcat 9.0.65



Release Update - EBS Integration Kit 2.3.0.2

The EBS Integration Kit 2.3.0.2 comes with more features with a more modernized approach while supporting a wider range of versions of Oracle E-Business Suite.

New + Improved

- I. The EBS Integration Kit 2.3.0.2 has extended its interoperability with Microsoft Azure AD as the OIDC provider. Therefore, Azure AD solution can be extended to on-prem Oracle E-Business Suite solutions.
- II. The EIK 2.3.0.2 integrates with PingOne Enterprise as a token provider. EIK 2.3.0.2 can be deployed with a complete PingIdentity Suite (PingAccess + PingFederate + PingOne Enterprise)
- III. The EIK 2.3.0.2 also supports deployment models with latest releases of PingFederate servers as well as Apache Tomcat server and Oracle WebLogic Server.
- IV. EIK 2.3.0.2 now supports PingFederate 11.0.2.
- V. EIK can now obtain claims from both the ID token and UserInfo endpoint.

Enhancements

- I. **Updated Log4j2 Libraries**
 - EIK 2.3.0.2 uses Log4j Version 2.17.0 to address the vulnerabilities stated in CVE-2021-44228, CVE-2021-45046, and CVE-2021-45105.
- II. **Externalized JIT provisioning**
 - New JIT provisioning SDK Properties are externalized.
- III. **Externalized CACERTS**
 - The cacerts file has been externalized.
- IV. **Externalized security. properties**
 - Added functionality to set Security Headers and SameSite value in Cookies generated.
 - Addressed formatting issues and issues in Cookie Service for setting multiple cookies and handling exception cases where state Cookie validation is enabled and configurable.



Deployment Notes

I. Deployment steps for Customers upgrading from EIK1.x to EIK 2.3.0.2

- For Customers using EIK1.0- EIK2.0 at present, the following sections needs to be re-configured with respect to the new EIK 2.3.0.2 deployment guide as part of the upgrade to enable the latest feature updates.

The EIK 2.3.0.2 deployment guide will be available in the [support portal](#)

- Sections to be re-configured:
 - 1) 7.1 EIKAuth Config File Generation
 - 2) 7.2 EBS DataSource (DBCX) File Creation
 - 3) 7.3 Deploying EBSAuth File
 - 4) PingFederate Configuration changes: EIK 2.3.0.2 will need a dedicated attribute mapped to ID_Token in the PingFederate server. To add & map EIK attribute to ID_Token, please follow section 6.1.2.6 in the EIK 2.3.0.2 deployment guide and change the EIK attribute 'eik_username' in the configuration
 - 5) Place the provided log4j2.xml file inside the EBSAuth folder of the \$EIK_HOME environment variable.
 - 6) Place the security.properties file in the EBSAuth folder.
- Also replace the existing license file with the new version available for your organization from the [support portal](#). The license subscription dates will remain unchanged with respect your current version.

II. Deployment steps for new EIK Deployment in your Organization

- For Customers deploying the EIK 2.3.0.2 solution for the first time, kindly use the EIK 2.3.0.2 Deployment guide available in the support portal for information and guidance on end-to-end setup.

Note: Please reach out to us with a support ticket via [EIK Support](#) for any questions or concerns.



About LikeMinds Consulting Inc

LikeMinds consulting is a leading provider of consulting, systems integration and managed services and focuses on Identity Management, Application Security, Governance, Risk and Compliance solutions. We have focused on providing our customers with a full range of services which span through our core beliefs of Advising, Integrating, Maintaining and Accelerating the Complete Identity and Security Solution.

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