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Release Notes – Rule Engine Application – Go-Live

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## 1 About This Document

This release note provides an overview of Rule Engine applications Go-Live with deployment, impact and rollback procedure.

## 2 About This Release

This release covers installation of below applications.

|  |  |  |
| --- | --- | --- |
| **S.No** | **Application** | **Description** |
| 1 | Rule Engine UI | User interface for the Rule Engine with LDAP authentication. |
| 2 | Rule Engine API | API to perform functionalities of Rule Engine. |
| 3 | Rule Engine User Management API | API to manage user and roles. |
| 4 | Database | Database for Rule Engine and User Management |

## 3 Binaries Contains the Update

* RuleEngine.zip
* rule.war
* userRule.war
* IVRrule\_ngdb\_script.sql, IVRrule\_ngdb\_script\_Metadata.sql
* IVRrule\_engdb\_UM.sql, IVRrule\_engdb\_UM\_Metadata.sql

## 4 Key Notes

1. Should any processes/services to be stopped and re-started during patch deployment?

No, new installation.

1. Is backup is required before applying this patch?

No

1. Should this deployment to be carried out during down time?

No

## 5 Deployment Procedure

1. Install two instances of Tomcat10.0.27 (Tomcat10.0.27\_8080, Tomcat10.0.27\_8081) pointing to jdk18 under port 8080 and 8081 for the API and UI respectively.
2. Perform hardening steps in both instances of tomcat.
3. Create databases for the Rule Engine, Rule Engine User Management and setup corresponding users for the same.
4. Run the DBScripts which contains below
   1. New Tables
   2. New Stored Procedures
   3. Metadata insertion scripts
5. Place the rule.war, userRule.war in webapps-javaee folder of Tomcat10.0.27\_8080.
6. Place the RuleEngine folder extracted from RuleEngine.zip in the webapps folder of Tomcat10.0.27\_8081.
7. Configure appropriate load balancer endpoints in the API service URLs of envconfig.js under Tomcat10.0.27/webapps/RuleEngine.
8. Start the Tomcat10.0.27\_8080, Tomcat10.0.27\_8081 services.
9. Create multipart file location folder ‘upload’ under Tomcat10.0.27/work/Catalina/localhost/rule.
10. Validate application.properties of rule and userRule for DB configurations and LDAP configurations. Make any change if required for the target environment and restart the Tomcat10.0.27\_8080 service.
11. Access Rule Engine UI via load balancer, login as the super admin user and do any further setup.

## 5.1 What new system impacts

## 6 Rollback Procedure

# NA, new system. No impact with existing system.

## 7 Technical Support

Please inform Servion EMEA support team prior to this activity for their availability and on-call support, you can reach them @ **supportmea@servion.com**