This document contains many important missing rules See WINDUPRULE-103				**Supporting rule authoring standards/docs:**	**https://docs.google.com/document/d/1zPWmiFK7YQiZ7_zYot__3PoobwSA7dS29Y4aQ303b4U/edit#**				
Source Technology	**Target Technology**	**Categoy**	**What should be detected**	**Info**	**Supporting documentation link on access.redhat.com customer portal.**	**Level of effort (How difficult is it to solve this problem)**	**Severity (Mandatory/Optional)**	**Supporting Details (Any other information that is relevant to the scenario)**	
EAP	EAP	MANDATORY	annotation "org.jboss.security.annotation.SecurityDomain"	org.jboss.security.annotation.SecurityDomain should be replaced by org.jboss.ejb3.annotation.SecurityDomain	https://docs.jboss.org/author/display/AS72/Securing+EJBs[Securing EJBs] + https://access.redhat.com/solutions/236113[How to configure EJB3 Domain Security in EAP 6?]	1 / hint	Mandatory	It is important to ad the links and detect this pattern.	
EAP	EAP	MANDATORY	jboss-service.xml	cf. articles	https://access.redhat.com/solutions/416333[How to change a jboss-service.xml / sar MBean Singleton to a Java EE 6 Singleton in JBoss EAP 6?] + https://access.redhat.com/solutions/374333[Are service archives (sar), jboss-service.xml, JBoss MBeans, jboss-beans.xml recommended in JBoss EAP 6?]	1	It depends	It is important to ad the links and detect this pattern.	
EAP	EAP	MANDATORY	@Management and @Service annotations	cf. articles	https://access.redhat.com/solutions/196713[How to use @Service and @Management annotations in JBoss EAP 6?]	1	Mandatory	It is important to ad the links and detect this pattern.	
EAP	EAP	INFO	":service=" in xml files	cf. articles	https://access.redhat.com/solutions/1212103[jboss:service=Naming in JBoss EAP 6]	0	Optional	It is important to ad the links and detect this pattern.	
EAP	EAP	MANDATORY	jboss:service=Naming	cf. articles	https://access.redhat.com/solutions/1212103[jboss:service=Naming in JBoss EAP 6]	1	Mandatory	It is important to ad the links and detect this pattern.	
EAP	EAP	MANDATORY	"org.jboss.system.BarrierController" usage (HASingletonDeployer/HASingletonController)	cf. articles	https://access.redhat.com/solutions/410953[BarrierController service in JBoss EAP 6] + https://access.redhat.com/documentation/en-US/JBoss_Enterprise_Application_Platform/4.2/html/Server_Configuration_Guide/Additional_Services-The_BarrierController_Service.html[Barrier controller]	1	Mandatory	It is important to ad the links and detect this pattern.	
EAP	EAP	MANDATORY	compression of data - A while back in EAP 5, we were compressing this data by configuring the org.jboss.remoting.marshal.compress.CompressingMarshaller in the org.jboss.remoting.transport.Connector Mbean. (cf. support case 00799019)	cf. articles	https://access.redhat.com/solutions/322953[How to compress remote EJB communication in JBoss EAP 6?]	1	Mandatory	It is important to ad the links and detect this pattern.	
EAP	EAP	MANDATORY	embedded login modules in the form of xml files should be detected!	I had a customer embedding loging modules in an EAR an it has not been detected	https://access.redhat.com/solutions/219933[Configure UsersRolesLoginModule for EAP 6 management console]	5	Mandatory	It is important to ad the links and detect this pattern.	
EAP	EAP	MANDATORY	class "org.jboss.mx.util.MBeanProxyExt"	cf. articles	https://access.redhat.com/solutions/410503[Where Is Class MBeanProxyExt in EAP 6]	3	Mandatory	It is important to ad the links and detect this pattern.	
EAP	EAP	MANDATORY	old EJB annotations @org.jboss.ejb3.annotation.LocalBinding/ @org.jboss.ejb3.annotation.Service / @org.jboss.ejb3.annotation.Management / org.jboss.system.ServiceMBean / org.jboss.system.ServiceMBeanSupport	cf. articles / Some of these annotations are no more valid on EAP 6 and should be replaced. This needs to be checked.	https://access.redhat.com/solutions/121823[How to implement MBeans in EAP 6?]	1	Mandatory	It is important to ad the links and detect this pattern.	
EAP	EAP	MANDATORY	class-loading/loader-repository elements in jboss-web.xml	cf. article	https://access.redhat.com/solutions/1162713[Unexpected element 'class-loading' in jboss-web.xml when migrating to JBoss EAP 6]	3	Mandatory	It is important to ad the links and detect this pattern.	
EAP	EAP	INFO	cluster-ready applications and hint about HA profile	Cluster-ready applications should be detected and marked as such. (<distributable/> in the web.xml or @Clustered annotation ... cf. clustering in EAP 6) This is important to identify which applications are high-available.	cf. EAP clustering documentation	0	Optional		
EAP	EAP	MANDATORY	"org.jboss.naming.NamingAlias" usage	cf. article	https://access.redhat.com/solutions/314303[NamingAlias ClassNotFoundException when migrating SAR to JBoss EAP 6]	1	Mandatory	It is important to ad the links and detect this pattern.	
EAP	EAP	MANDATORY	EAP 5 DefaultCacheTimeout value for the JaasSecurityManager service in the jboss-service.xml	cf. article	https://access.redhat.com/solutions/259693[How to set authentication cache timeout in JBoss EAP6?] + https://access.redhat.com/solutions/542283[Setting cache timeout for JAAS security domain in EAP 6]	1	Mandatory	It is important to ad the links and detect this pattern.	
EAP	EAP	MANDATORY	jndi names in jboss.xml files	Example: <jboss xmlns="http://www.jboss.com/xml/ns/javaee" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.jboss.com/xml/ns/javaee http://www.jboss.org/j2ee/schema/jboss_5_0.xsd"><enterprise-beans><session><ejb-name>Hahahahaha</ejb-name><remote-binding><jndi-name>THIS_JNDI_NAME_SHOULD_BE_DETECTED</jndi-name>		1	Mandatory	It is important to ad the links and detect this pattern.	
EAP	EAP	OPTIMIZATION	all further recommendations in the official EAP migration guide, add links!	All recommendations of the official migration guide should be translated into rules. Many recommendations are missing and should not be that easy to implements. Domains: Hibernate and JPA + REST + LDAP + Messaging + Clustering + Service-style deployment + Remote invocation + Seam 2.2 + Spring For example, it would be really easy to write a rule for the RESTeasy recommendation ... detecting RESTeasy usage in the web.xml ...	https://access.redhat.com/documentation/en-US/JBoss_Enterprise_Application_Platform/6.4/html-single/Migration_Guide/index.html#sect-Changes_Dependent_on_Your_Application_Architecture_and_Components	0	Optional	It is important to ad the links and detect this pattern.	