**Apéndice 2. Componentes Tecnológicos**

| **Plataforma** | **Productos** |
| --- | --- |
| **Enterprise Service Bus (ESB)** | Oracle Enterprise Service Bus |
| IBM Websphere ESB |
| Apache ServiceMix |
| Apache Synapse |
| JBoss ESB |
| NetKernel |
| Petals ESB |
| Spring Integration |
| Open ESB |
| WSO2 ESB |
| Mule ESB |
| Ultra ESB |
| Redhat Fuse ESB |
| **Servidores de Aplicaciones** | Glassfish |
| Oracle Weblogic Server |
| IBM Websphere |
| Apache Tomcat |
| JBOSS |
| IIS Oracle https |
| **Servicios para Definición y Descripción de webservices (UDDI)** | Oracle Registry |
| Apache jUDDI |
| RUDDI |
| Open UDDI |
| Microsoft TFS |
| MVN |
| **Base de datos** | Oracle DataBase Enterprise Edition |
| PostgreSQL |
| MySQL |
| IBM DB2 |
| Cassandra DB |
| Maria DB |
| Informix |
| Mongo DB |
| Apache Hive |
| Apache HBase |
| Orient DB |
| Berkeley DB |
| Microsoft SQL Server |
| Open DJ |
| Microsoft AD |
| **Business Process Management (BPM)** | Oracle Business Process Management |
| Activiti |
| IBM Business Process Management Advanced / Lombardi |
| BonitaSoft |
| Intalio |
| Camunda |
| Talend |
| JBoss jBPM |
| WSO2 Business Process Server |
| **Business Rules Management System (BRMS)** | IBM iLOG (Operational Decision Manager) |
| JBOSS Drools |
| **Identity Management** | Oracle Identity Management |
| IBM Identity and Access Management |
| WSO2 Identity Server |
| Apache Syncope |
| Evolveum Midpoint |
| OpenAM |
| OpenIDM |
| **Entreprise Content Management (ECM)** | Microsoft Sharepoint Server |
| Alfresco, Solr |
| EMC Documentum |
| Oracle Webcenter Content |
| Oracle WebCenter Portal |
| Nuxeo |
| BMC Server |
| **HTTP Server** | Apache HTTP |
| Oracle Web Tier |
| IBM HTTP Server (incluido en WAS) |
| **Business Activity Monitor (BAM)** | Websphere Business Monitor |
| WSO2 Business Activity Monitor |
| Open BAM |
| **Event Messaging** | IBM Websphere ESB |
| IBM MQ |
| Apache ActiveMQ |
| Apache ServiceMix |
| Apache Synapse |
| JBoss ESB |
| NetKernel |
| Petals ESB |
| Spring Integration |
| Open ESB |
| WSO2 ESB |
| Mule ESB |
| Ultra ESB |
| Redhat Fuse ESB |
| SyslogNG |
| Control M |
| **Service Governance** | Oracle Enterprise Repository |
| **Portal** | Liferay |
| Drupal |
| **Analítica – Seguridad** | Ranger |
| Knox |
| Kerberos |
| **Gobierno de Datos** | Atlas |
| **Analítica - Herramientas** | Apache Sqoop |
| Apache Spark |
| R |
| Apache Kafka |
| HDFS |
| **Analítica - Administración** | Apache Ambari |
| CDP – Cloudera Manager |
| **Optimización de Infraestructura** | Linux |
| Windows Server |
| Weblogic |
| Apache |
| Oracle |
| MySQL Server |
| NGNX |
| Oracle Http Server |
| Golden Gate |
| Data Guard |
| **Inteligencia de Negocio** | ORACLE Hyperium (HPCM, ODI, OBIEE, HPS, Essbase, Interactive Reporting, Warehouse Builder)  IBM RedBrick  IBM Cognos  Informatica ETL  DataStage ETL  SAP Business Objects  Tableau Server  SAS |
| **UNIX** | Solaris 8 o superior  ORACLE Enterprise Linux  RedHat Enterprise Linux para IBM |

| **Plataforma** | **Tecnología Específica** |
| --- | --- |
| **Middleware** | ORACLE WebLogic Application Server 8 o superior  ORACLE WebLogic Integration 8 o superior  ORACLE WebLogic WorkShop 8 o superior  ORACLE Service Bus 10g o superior  ORACLE Data Service 10g o superior  ORACLE Service Registry 10g o superior  ORACLE Enterprise Repository 10g o superior  ORACLE BPM 10g o superior  ORACLE WebLogic Portal 10g o superior  ORACLE User Interaction 10g o superior  IBM Websphere Application Server 6 o superior  IBM MQ Series 5 o superior |
| **Customer Relationship Management (CRM)** | ORACLE Siebel Public Sector  ORACLE Siebel Analytics |
| **Plataforma de Contenedores** | Red Hat Openshift Container Platform (OCP)  Huawei Cloud Container Engine for HCS |