

Technical Documentation

**BSRM GROUP OF COMPANIES**

**PROJECT TITLE: SAP Success Factor CPI Implementation**

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## 

## Document Control

## Change Record

| Date | Author | Version | Change Reference |
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**Reviewer**

| Date | Reviewed By | Comments |
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**Database Object Used**

|  |  |  |  |
| --- | --- | --- | --- |
| **Object Name** | **Object Type** | **Schema/DB/Owner** | **Description** |
| sap\_Absence | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_Area | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_BusinessUnit | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_departments | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_divisions | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_Employees | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_Families | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_IntegrationLog | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_itemSetup | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_JobClassifications | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_JobFunctions | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_leaveType | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_LegalEntity | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_Locations | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_MergeErrorLogFromSP | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_Position | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_Salaries | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_SubArea | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| sap\_Support | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| tb\_um\_login | Table | Sapdbuser (SAP\_CPI\_Integration\_DB) |  |
| SP\_SAP\_Get\_Dept\_ID\_From\_HR\_Department | Store Procedure (SP) | Sa(dbiBMS) |  |
| SP\_SAP\_Get\_DESG\_ID\_From\_HR\_Designation | SP | Sa(dbiBMS) |  |
| SP\_SAP\_JOB\_For\_Run\_All\_Procedure | SP | Sa(dbiBMS) |  |
| SP\_SAP\_Trans\_Absence\_To\_HR\_AttendanceLeaveApplicationOnline | SP | Sa(dbiBMS) |  |
| SP\_SAP\_Trans\_Area\_To\_HR\_Area | SP | Sa(dbiBMS) |  |
| SP\_SAP\_Trans\_BusinessUnit\_To\_HR\_BusinessUnit | SP | Sa(dbiBMS) |  |
| SP\_SAP\_Trans\_Department\_To\_HR\_SubFunction\_AND\_HR\_Dept | SP | Sa(dbiBMS) |  |
| SP\_SAP\_Trans\_Division\_To\_HR\_Function | SP | Sa(dbiBMS) |  |
| SP\_SAP\_Trans\_Employee\_To\_Hr\_Designation | SP | Sa(dbiBMS) |  |
| SP\_SAP\_Trans\_Employee\_To\_Hr\_Employee | SP | Sa(dbiBMS) |  |
| SP\_SAP\_Trans\_Family\_To\_HR\_EmployeeFamily | SP | Sa(dbiBMS) |  |
| SP\_SAP\_Trans\_Location\_To\_BM\_GeneralSetupUsers | SP | Sa(dbiBMS) |  |
| sp\_SAP\_Trans\_Salaries\_To\_HR\_PayItem | SP | Sa(dbiBMS) |  |
| SP\_SAP\_Trans\_SubArea\_To\_HR\_SubArea | SP | Sa(dbiBMS) |  |
| SP\_SAP\_Trans\_Support\_To\_HR\_Support | SP | Sa(dbiBMS) |  |

**API Details**

|  |  |  |
| --- | --- | --- |
| **Project Name** | **API Endpoint** | **Description** |
| SAP\_SF\_CPI | http://cpitest.bsrm.com | Please visit this link to see all api documentation:  <https://app.swaggerhub.com/apis/TonmoyRudra8/sap-integration_api/v1> |
|  |  |  |

**Repositories/Additional class/DLL Details**

|  |  |  |
| --- | --- | --- |
| **Project Name** | **Class/DLL Name** | **Description** |
| SAP\_SF\_CPI | AbsencesRepository | SAP Absence Repo |
|  | AreasRepository | SAP area Repo. |
|  | AuthRepository | SAP auth Repo. |
|  | BusinessUnitsRepository | SAP Business Units Repo. |
|  | CustomErrorRepository | SAP CustomError Repo. |
|  | DepartmentRepository | SAP Department Repo. |
|  | EmployeeRepository | SAP Employee Repo. |
|  | FamiliesRepository | SAP Families Repo. |
|  | JobClassificationRepository | SAP Job Classification Repo. |
|  | JobFunctionsRepository | SAP Job Functions Repo. |
|  | LocationRepository | SAP Locations Repo. |
|  | LegalEntitesRepository | SAP Legal Entites Repo. |
|  | PositionsRepository | SAP Positions Repo. |
|  | SalariesRepository | SAP Salaries Repo. |
|  | SubAreasRepository | SAP Sub Areas Repo. |
|  | SupportsRepository | SAP Supports Repo. |
|  | DivisionRepository | SAP Division Repo. |

**Logging Details**

|  |  |  |  |
| --- | --- | --- | --- |
| Project Name | Technology/Language | Class | Remark |
|  | Kibana/Elastic Search |  |  |

**Technology Used**

|  |  |  |  |
| --- | --- | --- | --- |
| Project Name | Technology/Language | Development Tools | Remark |
| SAP\_SF\_CPI | C#, .Net Core | Visual Studio 2019 |  |

**Source Code & Hosting Details**

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Name** | **Hosting Details (URL, IP)** | **Deployment Details** | **Source code path** |
| Hosting Details (API) | URL: <http://cpitest.bsrm.com>  IP:192.168.103.14:7789 | 192.168.103.14  D:\WebApplicationHosted\SAP\_TEST\_API | <https://dev.azure.com/bitdeveloper52/_git/SAP%20SF%20CPI> |

**Database Details:**

|  |  |  |
| --- | --- | --- |
| **Database Name** | **Connection Details** | **DB Vendor** |
| SAP\_CPI\_Integration\_DB | 192.168.103.12  User: sapdbuser | MSSQL |
| dbiBMS | 192.168.103.12  User: sa | MSSQL |
|  |  |  |