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| Master Data Script  SAP S/4HANA - 18-09-20 | public |
| Create Plant Maintenance Master Data for Service (3U3) |

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# Purpose

In this document you find a description of how to create functional location and equipment master data records for your S/4 HANA system. The description includes those data segments that are relevant for the master data to work in a "usual" system environment. The reader mainly learns which data segments and fields usually need to be filled with input values. Fields that are not relevant for the scope of the S/4 HANA content delivery by SAP Best Practices are not described in this document although they may appear on the UI.

Functional location and equipment master records that are created as described here can be used in service orders, service confirmations, and service contracts.

# Prerequisites

## System Access

|  |  |
| --- | --- |
| System | Details |
| System | Accessible via SAP Fiori Launchpad. Your system administrator provides you with the URL to access the various apps assigned to your role. |

## Roles

Assign the following business roles to your individual test users. Alternatively, if available, you can create business roles using the following spaces with pages and predefined apps for the SAP Fiori launchpad and assign the business roles to your individual test users.

Note These roles or spaces are examples provided by SAP. You can use them as templates to create your own roles or spaces.

For more information about business roles, refer to Assigning business roles to a user in the [Administration Guide to Implementation of SAP S/4HANA with SAP Best Practices](https://help.sap.com/viewer/S4HANA2020_AdminGuide) .

|  |  |  |  |
| --- | --- | --- | --- |
| Name (Role) | ID (Role) | Description (Space) | ID (Space) |
| Maintenance Planner | SAP\_BR\_MAINTENANCE\_PLANNER | Maintenance Planning | SAP\_BR\_MAINTENANCE\_PLANNER |

# Procedures

## Creating Functional Location Master Data

Purpose

In this test step you maintain a functional location structure that consists of one highest level functional location and two subordinate functional locations.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Comments |
| 1 | Log On | Log on to the SAP Fiori Launchpad as a Maintenance Planner. |  |  |
| 2 | Open App | In the Technical Object section, choose the Create Technical Object tile. |  |  |
| 3 | Create Functional Location | On the Create Technical Object screen, select the Technical Object Type: Functional Location.  On the next screen, maintain the following entries:  Technical Object Type: Functional Location  Structure Indicator: YBPM (Structure Indicator for Best Practice)  Technical Object: <enter an identifier, for example> ZZ01  Technical Object Category: S (Customer Location)  Choose Continue. |  |  |
| 4 | Maintain General Data | On the Create Technical Object: ZZ01 screen, in the General Data section, maintain the following entries:  Description: <for example, Building A>  Optionally maintain further general data, then navigate to the Location Data section. |  |  |
| 5 | Maintain Location Data | In the Location Data section, maintain the following entries:  Maintenance Plant: <maintain a relevant plant, for example, 1710 for US>  Note Technical objects that belong to the same structure must all have the same plant assigned. As an alternative, you can leave the plant information empty for all technical objects.  Optionally maintain further details, such as address information. |  |  |
| 6 | Save Functional Location | Optionally you can maintain additional information like, for example, partner information etc. in the Organizational Data section.  Choose Save.  Then navigate back to the Home screen. |  |  |
| 7 | Create Subordinate Functional Location | To maintain a functional location structure, proceed as described in the above steps, and maintain the following functional locations:   * Technical Object: ZZ01-001 * Description: 1st Floor * Technical Object: ZZ01-002 * Description: 2nd Floor |  |  |
| 8 | Review Technical Object in Asset Viewer | On the Home page, choose the Display Technical Object tile.  On the Display Technical Object screen, maintain the relevant Technical Object, for example, ZZ01, then choose Continue.  To review the functional location structure and the details per technical object, choose You can also: Display Technical Object in Asset Viewer. |  |  |

## Creating Equipment Master Data

Purpose

In this test step you maintain a record for a piece of equipment that is installed in a functional location.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Comments |
| 1 | Log On | Log on to the SAP Fiori Launchpad as a Maintenance Planner. |  |  |
| 2 | Open App | In the Technical Object section, choose the Create Technical Object tile. |  |  |
| 3 | Create Equipment | On the Create Technical Object screen, select the Technical Object Type: Equipment.  On the next screen, maintain the following entries:  Technical Object Type: Equipment  Technical Object: <leave empty>  Valid From: <today’s date>  Technical Object Category: S (Customer Equipment)  Choose Continue. |  |  |
| 4 | Maintain General Data | On the Create Technical Object: <Equipment ID> screen, in the General Data section, maintain the following entries:  Description: <for example, Printer A1>  Optionally maintain further general data like manufacturer information, model number etc., then navigate to the Location Data section. |  |  |
| 5 | Maintain Location Data | In the Location Data section, maintain the following entries:  Maintenance Plant: <maintain a relevant plant, for example, 1710 for US>  Note Technical objects that belong to the same structure must all have the same plant assigned. As an alternative, you can leave the plant information empty for all technical objects.  Optionally maintain further details, such as address or room information. |  |  |
| 6 | Save Equipment | Optionally you can maintain additional information like, for example, partner information etc. in the Organizational Data section.  Choose Save. |  |  |
| 7 | Install Equipment in Functional Location | On the Change Technical Object: <equipment ID> screen, navigate to the Structure section.  Choose Change Structure: Install.  On the Change Installation Location dialog box, maintain the following entries:  Superior Technical Object: ZZ01-001  Position: <leave empty>  Installation Date/Time: <keep system proposal>  Choose OK.  Choose Save. |  |  |

Typographic Conventions

|  |  |
| --- | --- |
| Type Style | Description |
| Example | Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options.  Textual cross-references to other documents. |
| Example | Emphasized words or expressions. |
| EXAMPLE | Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE. |
| Example | Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools. |
| Example | Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation. |
| <Example> | Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system. |
| EXAMPLE | Keys on the keyboard, for example, F2 or ENTER. |

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