**APPENDIX E**

# **Fiori Enhancements 2020**

**Introduction**

SAP has launched the S/4HANA 2020 FPS00 and FPS01 packs, featuring numerous new functionalities and enhancements. Below are some of the key features and improvements highlighted by the SAP Help Portal.

**Fiori Enhancement 2020 FPS00**

New features incorporate were:

**New SAP Fiori Launchpad Layout: Spaces and Pages**

In the SAP S/4HANA 2020 FPS00 release, SAP has introduced a new way to display apps in the Launchpad, utilizing Spaces and Pages to enhance the user experience and organizational structure within the Fiori Launchpad. Pages are now used to showcase apps, replacing the traditional home page. Spaces can group and organize multiple pages, which can be assigned to specific business roles via Spaces.

* **Spaces:** These high-level containers or groupings help organize related pages. Spaces allow users to segment their work environment into functional or role-based areas. Each space can contain multiple pages, making managing and navigating different work areas easier.
* **Pages:** Pages are specific views within a space. They can be customized to display different sets of tiles, apps, and information relevant to a particular task or role, allowing users to tailor their views according to their needs and preferences.

The Launchpad layout has been updated to offer more flexibility for customizing spaces and pages. Administrators can now use two new WYSIWYG editors to easily create, duplicate, and edit launchpad spaces and pages. These improvements aim to provide a more flexible and personalized user experience by enabling a more intuitive layout of the Launchpad, which is especially useful in complex scenarios where users need to switch between different tasks and roles efficiently.

**SAP Fiori Launchpad Home Page Deprecated**

In the SAP S/4HANA 2020 FPS00 release, the classic SAP Fiori Launchpad home page, known for its tile-based layout, has been deprecated in favor of the new SAP Fiori 3 design. This design introduces a more modern, role-based, and efficient user interface. The spaces and pages will replace the SAP Fiori Launchpad home page. The home page feature is deprecated and will be removed in a future version. A new layout concept, the Spaces and Pages, can display the apps instead of the classic Home Page with Groups. Two new WYSIWYG editors are available to administrators, enabling them to quickly create Launchpad Spaces and Pages that can be copied and edited. Spaces and pages should enhance the flexibility to tailor the launchpad layout according to customer and user needs. This will be improved in subsequent versions, and the home page concept will be gradually replaced. Thus, by transitioning to the new SAP Fiori 3 home page design, organizations can leverage the latest advancements in user experience and interface design, ensuring that users interact more efficiently and engage more effectively with SAP S/4HANA.

**Mass Maintenance Tool Evolves to Launchpad App Manager**

In the SAP S/4HANA 2020 FPS00 release, the **Launchpad App Manager** (formerly known as the Mass Maintenance tool in previous versions) is now the primary tool for creating technical catalogs with Launchpad app descriptor items. Compared to the traditional Mass Maintenance Tool, the Launchpad App Manager offers a more intuitive and streamlined user interface, enabling users to manage tiles, catalogs, and groups more efficiently. The new tool provides enhanced functionality, including handling more complex scenarios and performing bulk updates more efficiently. Some of the new features available are.

* Additional App Types available:
* SAPUI5 Fiori App
* SAPUI5 Fiori App on SAP Cloud Platform
* URL App
* Tile Only
* Successor app column
* Custom tile information can be displayed (provided a BADi implementation was created for the custom tile type)
* Search across catalogs
* Option to hide application types and catalog types
* It is possible to maintain multiple tiles under the Tiles tab.

**Launchpad Content Manager Enhancements**

In the SAP S/4HANA 2020 FPS00 release, the Launchpad Content **Manager** received several enhancements to improve SAP Fiori Launchpad content management and maintenance. These enhancements provide more efficient, secure, and user-friendly experience for managing SAP Fiori launchpad content. Some of the key enhancements are listed below:

**Improved User Interface**: The Launchpad Content Manager provides a more user-friendly and intuitive interface, enabling administrators to manage Launchpad content, including catalogs, groups, and tiles, more easily.

**Custom Tiles:** Custom tile information can be displayed, and you can add references to custom tiles (provided a BAdI implementation was created for the custom tile type)

**Bulk Operations**: Enhanced capabilities for performing bulk operations enable administrators to make mass changes more efficiently, including creating, deleting, and modifying launchpad content in bulk.

**Enhanced Search and Filtering**: Improved and enhanced search features and filters enable users to quickly find specific launchpad content, particularly in large environments with extensive Fiori app catalogs.

**Role-Based Access Control**: Enhanced role-based access control (RBAC) ensures that only authorized users can modify specific launchpad content, maintaining system integrity and security.

**Role Tab:** The Roles tab has added the Refresh button.

**Content Synchronization**: Enhanced synchronization mechanisms ensure that changes in the Launchpad Content Manager are accurately reflected in the SAP Fiori launchpad, thereby reducing inconsistencies and errors.

**Performance Improvements**: Performance and enhancement improvements allow faster processing of launchpad content management tasks, essential for large-scale implementations.

**Extended Content Management**: The ability to manage additional types of Launchpad content, including spaces and pages, provides greater flexibility and control over the user experience.

**Audit and Logging**: Enhanced audit and logging capabilities enable administrators to track changes, monitor system compliance, and facilitate troubleshooting.

**Integration with SAP Business Roles**: Enhanced integration with SAP Business Roles streamlines the management of launchpad content based on user roles, ensuring access to relevant applications and features.

**Custom Content Support**: Supporting custom content types enables organizations to tailor the launchpad with custom tiles and apps that meet their specific needs.

**Delete Personalization Data**

In the SAP S/4HANA 2020 FPS00 release, **deleting personalization data** is crucial for maintaining a clean and efficient system, especially when users have extensively customized their Fiori Launchpad. Deleting personalization data can help administrators ensure the system runs smoothly and can be necessary for troubleshooting or resetting the user experience. The Transaction Code: **/UI2/FLP\_DEL\_PERS** - **Delete Personalization Data** has the following new features:

* The **Sections checkbox** allows you to remove or delete customized settings for page sections.
* The **Selected Groups** checkbox lets you revoke or delete specific group personalization instead of the entire homepage personalization.

**Configuration Parameters for Search**

In the SAP S/4HANA 2020 FPS00 release, **configuring search parameters** effectively ensures that users can quickly and accurately find the needed information. The following parameters are now available in the SAP Launchpad to adjust the settings for the search function:

* DEFAULT\_SEARCH\_SCOPE\_APPS
* SEARCH\_BUSINESS\_OBJECTS
* SEARCH\_SCOPE\_WITHOUT\_ALL

**Authorization Roles for Launchpad Users and Administrators**

The SAP S/4HANA 2020 FPS00 release has updated the definition of authorization roles for Launchpad users and administrators. This update is crucial for ensuring security and maintaining proper system access. The update is listed below.

* The Launchpad **User Role** SAP\_UI2\_USER\_700 was replaced by **SAP\_FLP\_USER**.
* The Launchpad **Administrator Role** SAP\_UI2\_ADMIN, SAP\_UI2\_ADMIN\_700, SAP\_UI2\_ADMIN\_702, and SAP\_UI2\_ADMIN\_731 were replaced by **SAP\_FLP\_ADMIN**.

**Link for SAP S/4HANA 2020 FPS00 RELEASE – Information**

Click the **URL** below to get a complete list of **Fiori enhancements** for the **S/4HANA 2020 FPS00 release**.

**Fiori Enhancement 2020 FPS01**

**SAP Fiori Launchpad Layout: Spaces and Pages Enhanced**

In the SAP S/4HANA 2020 FPS01 release, the introduction of **Spaces and Pages** offers an enhanced and more organized layout for the SAP Fiori Launchpad. SAP has added new features to the Space and Page layout to provide better handling and ease of navigation between the various apps involved. The following are some of the new features added:

* You can now display tiles as **Links** on **Pages** and convert between the two when customizing a page in the Manage Launchpad Pages app.
* Personalizing pages does not support all features from the classic home page, as certain restrictions apply.
* The Menu option does not support moving tiles to a different section.
* Converting tiles to links or links to tiles by drag and drop is not supported.
* You can now drag and drop tiles directly onto a Page.
* The bookmarking functionality has been improved, allowing you to set bookmarks as usual.
* The Manage Launchpad Pages app now includes a tab that displays all spaces assigned to a selected page.
* The Manage Launchpad Pages and Spaces apps offer more flexibility when working on smaller devices. You can hide the available pages or catalogs list and easily switch between the main view and the lists.
* The Manage Launchpad Pages app now features more explicit error handling and warnings, as well as improved message indicators that display color severity levels.
* Pages and page editing now also support keyboard navigation with F6.
* In the **App Finder**, the dialog for selecting a page for the app has been improved to allow filtering for specific pages.
* If a **Section** is empty, it will not be displayed on desktop devices.

**SAP Fiori Launchpad Layout: Home Page**

In the SAP S/4HANA 2020 FPS01 release, the **SAP Fiori Launchpad Home Page** serves as the central entry point for users, providing quick access to applications, tasks, and information. The home page can be customized to enhance usability and productivity. Some of the features added are.

* Empty **Groups** or **Sections** on the home page will now be hidden on desktop devices, as on other pages.
* You can see the **Group** or **Section** when you open the home page or a page in edit mode.

**SAP Fiori Launchpad Home Page Deprecated**

Review the descriptions under the SAP S/4HANA 2020 FPS00 release.

**Launchpad Content Manager**

The **Launchpad Content Manager** in the SAP S/4HANA 2020 FPS01 release allows administrators to efficiently manage SAP Fiori Launchpad content, including tiles, catalogs, groups, and roles. It provides a user-friendly interface for organizing Launchpad content. The Launchpad Content Manager now includes the following new features:

* On the **Roles tab**, you can make the following changes:
* You can now duplicate roles by copying, and a new button, **Copy, has been** introduced.
* You can assign catalogs, groups, and spaces to a selected role or remove the assignment.
* There is a new way to show and display groups and spaces assigned to a selected role.
* The catalog and group views enable you to access the Launchpad Designer.
* In the space view, you can access the **Manage Launchpad Spaces** app.
* You can now view tiles and their corresponding target mappings on the **Roles** tab and roles on the **Tiles / Target Mappings** tab.
* The toggle button on the Catalogs tab has been replaced by two separate buttons: **Show Catalog Content** and **Show Usage in Roles**.
* The **Catalogs** and **Tiles/Target Mappings** tab opens a selected catalog in the Launchpad app manager or Launchpad designer.
* You can access the Launchpad Content Aggregator from any tab by clicking **Go to Launchpad Content Aggregator** in the main menu bar.

**SAP Fiori Launchpad App Manager: News Tile**

In the SAP S/4HANA 2020 FPS01 release, the **SAP Fiori Launchpad App Manager** includes features such as the News Tile, which allows administrators to present important information and updates directly to users on their launchpad. This feature enhances communication within the organization by displaying relevant news items that users can easily access. In the Launchpad app manager, you can configure a custom news tile to monitor and retrieve news articles from up to **10 RSS** feeds.

**Health Check Task List**

In the SAP S/4HANA, 2020 FPS01 release, regular **health checks** are critical for maintaining system performance, stability, and security. The Health Check Task List provides a structured approach to assessing various aspects of the SAP system. The Transaction **/UI2/FLP\_HEALTH\_CHECKS** task list helps you verify the system configuration needed for the SAP Fiori launchpad and automatically performs the necessary configuration tasks. It does the following task automatically.

* It now ensures that the OData and ICF services needed for the launchpad are active.
* It verifies and checks the consistency of the system aliases configured for the Launchpad.

**SAP Fiori Launchpad Content Aggregator**

The SAP Fiori Launchpad Content Aggregator is a critical component that enhances content management by aggregating and organizing tiles, catalogs, and groups across different systems and environments. It simplifies the user experience by providing a unified view of content from multiple sources, making it easier for users to access the applications and information they need. The SAP Fiori Launchpad Content Aggregator provides an aggregated list of available content in the Launchpad Content Manager (customizing scope). The Launchpad Content Aggregator. The SAP S/4HANA 2020 FPS01 release now enables you to do the following:

* It provides a comprehensive view of the selected roles and their associated content.
* You can export the comprehensive view into an Excel spreadsheet for further analysis and review.

**App Support Tool**

The SAP S/4HANA 2020 FPS01 release, the **App Support Tool**, is designed to help organizations manage and support their SAP S/4HANA applications. This tool provides various functionalities to ensure that applications run smoothly, are updated correctly, and meet the latest requirements. Furthermore, with this tool, organizations can effectively manage, monitor, and support their SAP applications, ensuring smooth operation and optimal performance. The administrator, security personnel, and end-users need permission to use the tool.

* Allows for checking for general configuration errors.
* Also check for app-related issues during runtime.
* Allows downloading logs into an Excel spreadsheet and forwarding them to the admin user.
* Administrators or security can view the logs of other users.

**Parameter to Hide SAP Themes**

In the SAP S/4HANA 2020 FPS01 release, you can manage the visibility of **SAP Themes** via system parameters. These parameters control various aspects of the user interface, including the availability of SAP Fiori themes. To hide or turn off SAP themes, you must configure specific system parameters, such as THEMING\_HIDE\_SAP\_THEMES. When the parameter is set to **TRUE**, all **SAP Themes** are removed from the **Settings** dialog of SAP Fiori Launchpad.