

12. ACTIVATING CACHE BUSTER

Web browsers store static resources, like JavaScript files, style sheets, and images in the browser cache. When these resources are changed on the server in a software upgrade, you want the browser to load the new resources from the server rather than from the cache, without having to manually clear the browser cache.

Cache buster techniques cause web browsers to load content from the server rather than from the browser cache when new resources are available on the server.

The cache buster for the SAP Fiori launchpad and SAP Fiori apps is based on versioned URLs. Cache buster tokens are added to the URLs of the resources. After a software update, URLs containing new tokens are used, which means that the browser considers these URLs as initial requests and loads the new resources from the server.

The advantage of this approach is that resources in the cache are only reloaded when a new version is available. Rather than simply limiting the time a resource may remain in the browser cache, the system invalidates the cache only when resources are actually updated on the server.

The top screenshot shows the 'Virtual Hosts / Services' tree. The 'SAP Fiori launchpad with dynamic page processing Supports cache-busting' service is highlighted under the 'flp' node. The bottom screenshot shows the 'Task List' for 'SAP_FIORI_LAUNCHPAD_INIT_SETUP' with the 'Activate HTTP Services for SAP Fiori Launchpad (SICF)' task selected.

The cache buster for the SAP Fiori launchpad and SAP Fiori apps is not active by default. To use it, you have to activate the ICF service **/sap/bc/ui2/flp**.

Follow these steps to activate Cache Buster:

1. In the ABAP front-end server, run Transaction SICF.
2. Enter **"/sap/bc/ui2/flp"** in the **Service Path** field.
3. Click **Execute** , or press (F8). 4. Choose **Activate Service** in the context menu.

After activating the SICF service, the launchpad with cache buster can be accessed under any of the following ICF services:

- **/sap/bc/ui2/flp/**

- `/sap/bc/ui2/flp/index.html`
- `/sap/bc/ui2/flp/FioriLaunchpad.html`