Release 1941

Error Report 2336
24x7 Web Logon Redesign

Installation Instructions

Prepared by Peter Parker
Information Resources & Communications
Office of the President
University of California

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This document provides installation instructions for release 1941. Please review these instructions as well as the release letter carefully before proceeding with the installation. Because of the unusual nature of this release, it is recommended that the detailed design be reviewed as well.

Note: This document is organized differently from other installation documents.
- Part 1 includes installation only for programming objects. Program preparation is in later sections.
- Part 2 is installation in the campus regions

1 Part 1 – Installation of Programming Objects

1.1 Copylib Member Installation

1.1.1 Install the following new copy members:

<table>
<thead>
<tr>
<th>Copylib Members</th>
<th>Installed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS009</td>
<td></td>
</tr>
</tbody>
</table>

1.2 COBOL Program Installation

1.2.1 Install the following new program:

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>Installed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS009</td>
<td></td>
</tr>
<tr>
<td>PS009D</td>
<td></td>
</tr>
</tbody>
</table>

1.2.2 Install the following modified programs:

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>Installed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPWEBSEC</td>
<td></td>
</tr>
</tbody>
</table>

1.3 COBOL Program Preparation

Note that web service programs must be compiled using the integrated CICS translator feature of the Cobol compiler. See release 1873 for more details and sample JCL.

1.3.1 Install, compile, and link the following new program.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DB2?</th>
<th>Compile Type</th>
<th>Package Bind?</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS009</td>
<td>no</td>
<td>CICS</td>
<td>no</td>
<td></td>
</tr>
<tr>
<td>PS009D</td>
<td>no</td>
<td>CICS</td>
<td>no</td>
<td></td>
</tr>
</tbody>
</table>

1.3.2 Install, compile, and link the following modified program.

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DB2?</th>
<th>Compile Type</th>
<th>Package Bind?</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPWEBSEC</td>
<td>yes</td>
<td>CICS</td>
<td>no</td>
<td></td>
</tr>
</tbody>
</table>

1.4 CICS Resource Definition batch definition using the DFHCSUDP utility

1.4.1 The CICS Resource Definition transactions provided in CARDLIB member DEFINE contain CSD resource definitions that must be applied to the CSD file used by the campus CICS regions. They should not be applied to any 24x7 CICS regions.
1.5 **Web Service Installation.**

The following is a table of web services which will be installed in the steps below.

<table>
<thead>
<tr>
<th>Web Service</th>
<th>Channel or Commarea Based</th>
<th>Commarea Length</th>
<th>Provider or Requester Pipeline?</th>
<th>WSDL Modified?</th>
<th>WSDL Installed?</th>
<th>WSDL wsbind file generated?</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS009</td>
<td>Commarea</td>
<td>22</td>
<td>Provider</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1.5.1 Modify the wsdl files in the list above

Use binary FTP to copy the files from PAYDIST.R1941.WSDL to a PC and then rename them with a .wsdl extension.

Using binary FTP, copy the wsdl files to the wsdl directory on OMVS. These will be used by a batch process to generate the wsbind files.

1.5.2 Generate the wsbind files for Commarea Based web services.

The wsbind files are used by CICS to correctly route a web service request to the appropriate program. They are generated using an IBM-supplied batch java utility. Sample JCL can be found in JCL member DFHWS2L2. Change “cics????” to the campus region name.

Change “/u/” to the appropriate high level folder name (e.g. /u/, /qacics/, /prodcics/).

Run JCL member DFHWS2L2 to generate a wsbind file.

1.5.3 Install the Web services in the CICS Region

To have CICS scan the pipelines and install WEBSERVICE definitions for the new web services, enter the following commands:

```
CEMT PERFORM PIPELINE(PPSPROV) SCAN
```

2 **Part 2 – Installation in the Campus Regions**

2.1 **COBOL Program Preparation for the Campus Region**

Note that web service programs must be compiled using the integrated CICS translator feature of the Cobol compiler. See release 1873 for more details and sample JCL.

2.1.1 Install, compile, and link the following modified programs in the campus region:

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>DB2?</th>
<th>Compile Type</th>
<th>Package Bind?</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPWEBSEC</td>
<td>yes</td>
<td>CICS</td>
<td>no</td>
<td></td>
</tr>
<tr>
<td>PS009</td>
<td>no</td>
<td>CICS</td>
<td>no</td>
<td></td>
</tr>
<tr>
<td>PS009D</td>
<td>no</td>
<td>CICS</td>
<td>no</td>
<td></td>
</tr>
</tbody>
</table>

2.2 Obsolete Objects Cleanup (Do not proceed with these steps until you have verified that web service PS010 running in the 24x7 CICS region has been replaced by the new version that uses PS009 in the campus CICS region)

2.2.1 Service PS010
is now obsolete in the campus regions, but is still active in the 24x7 regions. Therefore, the following items related to PS010 can be made obsolete:

- CSD entries in the campus region should be deleted via RDO; the CICS Resource Definition transactions provided in CARDLIB member DELETE will delete
  - Program PS010 definition
  - Program PS010D definition
- PS010 items in the OMVS directories for the campus CICS region should be deleted
  - PS010.wsbind
  - PS010.wsdl
- PS010 and PS010D load modules from the campus CICS region loadlib should be deleted

2.2.2 The following source code should be made obsolete in PPS

- Programs
  - PS010
  - PS010D
  - PR010
- Copy Members
  - CPWSHOST
  - PR010
  - PR010I01
  - PR010O01
  - PS010

3  Testing

Perform installation verification testing as described in the release letter. In addition, perform any further local testing.

4  Install in Production

Place modified objects in production.