

CICS IA WEB APPLICATION

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Description

CICS IA Web Client provides a comprehensive framework ensuring high performance, maintainability, and ease of use with a rich user interface by utilizing the CICS IA REST API endpoints enabling easy integration.

Benefits

- User-Friendly Interface: Offers an intuitive and responsive interface that provides a seamless user experience.
- High performance
- Generation of complex reports is simplified and visualized via interactive charts and graphs for Threadsafe and Affinity data.
- Provided the pre-requisites are met we would not require any client installation.

Skills Required

- A basic understanding of CICS IA and the runtime data that it collects
- A basic understanding of IBM Websphere Liberty Profile (WLP), the important configuration files, and how to configure WLP with the CICS IA Web client

PRE-REQUISITES

[REST API for CICS Interdependency Analyzer for z/OS](#)

Installation & Configuration

- To download the CICS IA **Web Application**, click on the download link below save the file to your local machine.
- Extract the saved file to a temporary directory on your local machine. This will create the necessary installation, user manual and license files.

WEB archive deployment in IBM WLP server

- Install the WLP server on the LPAR of your choice. Please refer the following IBM Knowledge center guide:
https://www.ibm.com/support/knowledgecenter/SS7K4U_liberty/com.ibm.websphere.wlp.zseries.doc/ae/twlp_ins_installz.html
- Deploy the CICSIAWEB application on to the server created by copying and pasting the extracted folder in below location
path_to_liberty/wlp/usr/servers/"Your_Server_Name"/apps
- Go to server.xml present at the below location and Edit the Server.xml
- To configure the context root for CICS IA Web application add the below line
**<webApplication
location="/path_to_liberty/wlp/usr/servers/"Your_Server_Name"/apps/CICSIAWEB" contextRoot="/CICSIAWEB"/>**
- Add the web profile inside the <featureManager> if exist like shown below
<feature>webProfile-8.0</feature>
- If <featureManager> does not exist add the below configuration
**<featureManager>
<feature>webProfile-8.0</feature>
</featureManager>**
- Now you can stop and start the server you have created by following command. Open a command line, then change directory to the wlp/bin directory. Where path_to_liberty is the location you installed Liberty on your operating system.
cd path_to_liberty/wlp/bin
- To Start use
server start server_name
- To Stop use
server stop server_name
- Users can access the application by following URL
{Protocol}://{Hostname}:{Port}/CICSIAWEB/

WEB archive deployment in Apache tomcat server

- Install Apache tomcat by referring the latest document available by Apache. For example below is the tomcat 8.5 installation setup page
<https://tomcat.apache.org/tomcat-8.5-doc/setup.html>
- Unzip the CICSIAWEB archive file and place it in the webapps folder by locating them
path_to_tomcat\Apache Software Foundation\Tomcat 9.0\webapps
- Now you can stop and start the server you have created by following command. Open a command line, then change directory to the /bin directory. Where path_to_liberty is the location you installed Liberty on your operating system.
cd path_to_apache_tomcat/bin
- To start use the following command in command line (windows OS)
startup.bat
- To stop use the following command in command line (Windows OS)
shutdown.bat
- Users can access the application by following URL
{Protocol}://{Hostname}:{tomcat_port_number}/CICSIAWEB/