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### Overview

This article provides a systematic approach to identifying and remedying common problems that may arise as you configure and use the Cisco Unified Application Designer in the Cisco Unified Application Environment.

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### General

**What is the procedure used to debug a CUAD application?**

What is the procedure used to debug a CUAD application?

### Resolution

- Under the Tools tab, select **Options**
- Click on **Connectivity** . Provide the Application Server IP address and the Port (8120).
- Provide the Application Server?s Administrator UserName and Password.
- Click on the Debug option, and check that the Console Port is 8140 and the Debugger Port is 8130.
- Build the application and deploy it by clicking the Deploy option under Build tab.
- Once the application is deployed, insert the breakpoints at certain actions where you want to check the debug values of variables.
- Click Start debugging.

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**Debugging CUAD. Insert breakpoint and hitting Start Debugging throws ?Invalid port Specified?0?**

I'm trying to debug a CUAD application. If I insert a breakpoint and hit "Start Debugging", the output console says "Invalid port specified: 0". I have looked at the Tools->Options dialog box and the debug port is set to the correct value (8130).

### Resolution

- Close CUAD.
- Restart the Management Service on the Application Server.
- Restart the App-Server service on the Application Server.
- Open CUAD.
- Open Application.
- Under the Tools tab, select Options.
- Click on Connectivity. Provide the Application Server IP address and the Port(8120).
- Provide the Application Server?s Administrator UserName and Password.
- Click on the Debug option, and check that the Console Port is 8140 and the Debugger Port is 8130.

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- Build the application and deploy it by clicking the Deploy option under Build tab.
  - Once the application is deployed, insert the breakpoints at certain actions where you want to check the debug values of variables.
  - Click Start debugging.
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### Receiving errors after installing CUAD on MS Windows Vista

I have installed CUAD on a Windows Vista machine and am receiving errors.

#### Resolution

CUAE currently does not support Windows Vista.

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### Unable to view the variable tray in the CUAD.

I am unable to view the variable tray in the CUAD.

#### Resolution

On the function canvas in the CUAD, right click and select **Variable Tray**

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### Unable to find the action I want to use in the CUAD Toolbox

I am unable to find the action I want to use in the CUAD Toolbox.

#### Resolution

Not all actions provided by the CUAE are visible in the Toolbox. To customize the Toolbox, or add/remove actions, go to **Tools > Add Toolbox tab** . You can then go to **Tools > Add/Remove Toolbox Items** to populate your new tab with additional actions.

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### How to view App Server logs in run time when CUAD applications is active

Is there any way to see the App Server logs in real time while my CUAD application runs?

#### Resolution

- Go to **Debug > Start Remote Console** on the CUAD.
  - Trigger the application.
  - View App server logs real time in the Remote Console window at the bottom panel of the CUAD.
  - To stop Remote Console, click **Debug > Stop Remote Console**
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Debugging CUAD. Insert breakpoint and hitting Start Debugging throws ?Invalid port Specified?0?2