



SINGAPORE UNIVERSITY OF  
TECHNOLOGY AND DESIGN

# **Lab 3 Report**

50.046 CCIoT  
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*Group 3*

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## Issues Faced

### Failed Connection to Greengrass Core Device from the Client Device

If the client device fails to connect to the Greengrass core device with the message `Connection reset by peer`, it is most likely because you are on the SUTD Wi-Fi, which blocks access to newly created IP addresses and raw IP addresses.

To solve this problem, you can use your own personal hotspot for the client device to connect to.

### Greengrass Service Role Attachment Error

We also encountered this issue on AWS with the auto-generated service role:



To fix this issue, we had to manually set up a Greengrass Service Role and attach/associate it to our AWS account. Instructions to do this manual setup are available here:

[http://ess-wiki.advantech.com.tw/view/loTGateway/AWS/Greengrass/Set\\_up\\_Greengrass\\_Service\\_Role](http://ess-wiki.advantech.com.tw/view/loTGateway/AWS/Greengrass/Set_up_Greengrass_Service_Role)