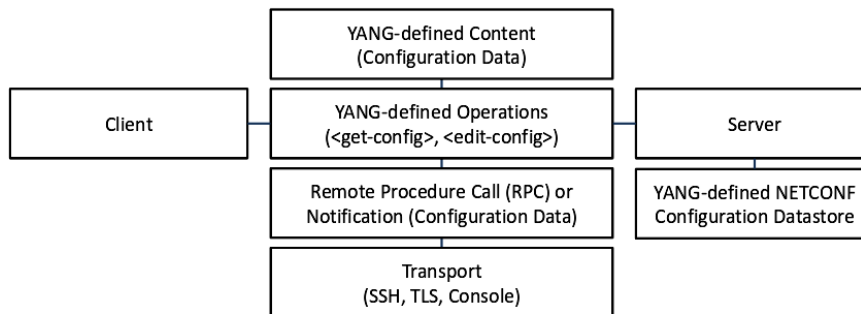


EE 629 – IoT using Raspberry Pi

Lesson 9 – Exercises - Done

NETCONF and YANG:

NETCONF/YANG provides a standardized way to programmatically update and modify the configuration of a network device. **YANG** is the *modelling language* that describes the configuration changes. **NETCONF** is the *protocol* that applies the changes to the relevant datastore (i.e running, saved etc) upon the device.



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In the Exercise below, we have created the PlantUML using the pYANG.

NETCONF and YANG Exercise:

- Installed and ran pyang, plantUML on the Raspberry Pi
- Ran PlantUML to create a sequence diagram in PNG
- Installed and ran GIMP and Pinta and enabled X11 forwarding using ssh -Y in Ubuntu to display a PNG file

