IoT: Client Devices

Networking Support and Buildroot

Remember to save your .config files!

libcurl

Target packages -> Libraries -> Networking

libcurl and curl

WHY LIBCURL?

‣ Networking library

‣ Well supported and documented

WHY CURL?

‣ *Now we're making development changes!*

‣ We'll want to remove curl prior to deployment

‣ Very useful for network testing though

Build and Test Image

‣ Add user account via **adduser**

  ‣ **$ adduser -h /<home_dir> -s /bin/sh <username>**

‣ Edit /etc/shadow for new account

  ‣ <user>:1Cw/pSYOL$16H24pCAifdyol19oRE1n1:**10933**:0:99999:7:::

‣ Test login

  ‣ **$ ssh -p 2222 <user>@localhost**

```
[$ which curl
 /usr/bin/curl
[$ ls /usr/lib
 libcrypto.so          libcurl.so.4          libssl.so.1.0.0      libz.so.1.2.8
 libcrypto.so.1.0.0    libcurl.so.4.4.0      libz.so
 libcurl.so            libssl.so             libz.so.1
 $ 
```

Take a Look Around

We have both /bin/curl and /usr/lib/libcurl.so