

Install and Configure Devices

Connect all devices to a switch or gateway

choose ip dhcp

connect IoT devices to the server

Remote Server (IP,username,password)

Diabetic Patient

configure home gateway: ip and select dhcp

monitor values at different devices

Installing Lubuntu

use network bridge in vm settings

UserID: password = osboxes / osboxes.org

IN linux: sudo su && apt install net-tools

Packet Tracer 1

Assessment Items	Status	Points	Component(s)	Feedback
Network				
Ceiling Fan	Correct	1	Other	
Ports				
IoT Server	Correct	1	Other	
Wireless0	Correct	1	Ip	
DHCP client e...	Correct	1	Ip	
IP Address	Correct	2	Ip	
Coffee Pot	Correct	1	Other	
FastEthernet0	Correct	1	Other	
Home Gateway	Correct	1	Other	
Internet	Correct	0	Other	
Wireless	Correct	0	Other	
Security Mode	Correct	0	Other	
Pass Phrase	Correct	2	Other	
SSID	Correct	2	Other	
Lamp	Correct	1	Other	
Ports				
IoT Server	Correct	1	Other	
Wireless0	Correct	1	Ip	
DHCP client e...	Correct	1	Ip	
IP Address	Correct	2	Ip	
Laptop	Correct	1	Other	
Ports				
Wireless0	Correct	0	Ip	
DHCP client e...	Correct	0	Other	
IP Address	Correct	2	Other	
Wireless	Correct	1	Other	
SSID	Correct	0	Other	
PC	Correct	0	Other	
Ports				
FastEthernet0	Correct	0	Other	
DHCP client e...	Correct	1	Ip	

Web

```
$ npm install webthing
const {
  Action,Event,Property,SingleThing,Thing,Value,
  WebThingServer,
} = require('webthing'); performAction() {
  return new Promise((resolve) => { setTimeout(() =>
  {
    this.thing.setProperty('brightness', this.input.b-
    rightness);
    this.thing.addEvent(new OverheatedEvent(this.t-
    hing, 102));
    resolve();
  }, this.input.duration);
}); thing.addProperty(
  new Property(thing,
    'on',
    new Value(true),
    {
      '@type': 'OnOffProperty',
      title: 'On/Off', type: 'boolean', });});
```

Packet Tracer 2

Assessment Items	Status	Points	Component(s)	Feedback
Network	Correct	0	Other	Correct

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Not published yet.

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