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

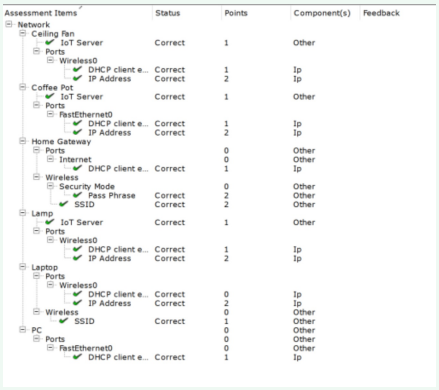
Installing Lubuntu

use network bridge in vm settings

UserID: password = osboxes / osboxes.org

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

Packet Tracer 1

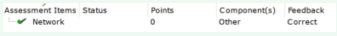


Assessment Items	Status	Points	Component(s)	Feedback
Network				
Ceiling Fan				
IoT Server	Correct	1	Other	
Ports				
Wireless0				
DHCP client e...	Correct	1	Ip	
IP Address	Correct	2	Ip	
Coffee Pot				
IoT Server	Correct	1	Other	
Ports				
FastEthernet0				
DHCP client e...	Correct	1	Ip	
IP Address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

Web

```
$ npm install webthing
const {
Action ,Ev ent ,Pr ope rty ,Si ngl eTh ing ,Th -
ing ,Value,
WebThi ngS erver,
} = requir e(' web thi ng'); perfor mAc tion() {
return new Promis e(( res olve) => { setTim -
eout(() => {
this.t hin g.s etP rop ert y(' bri ght ness',
this.i npu t.b rig htn ess);
this.t hin g.a ddE ven t(new Overhe ate dEv ent -
(th is.t hing, 102));
resolve();
}, this.i npu t.d ura tion);
}); thing.a dd Pro perty(
       new Proper ty( thing,
                                    'on',
                                   new Value( true),
                                   {
'@type': 'OnOff Pro perty',
title: 'On/Off', type: 'boolean', }));
```

Packet Tracer 2



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

Sponsored by **Readable.com**
Measure your website readability!
https://readable.com