REQUIRED SOFTWARE – SSH/TELNET CLIENT
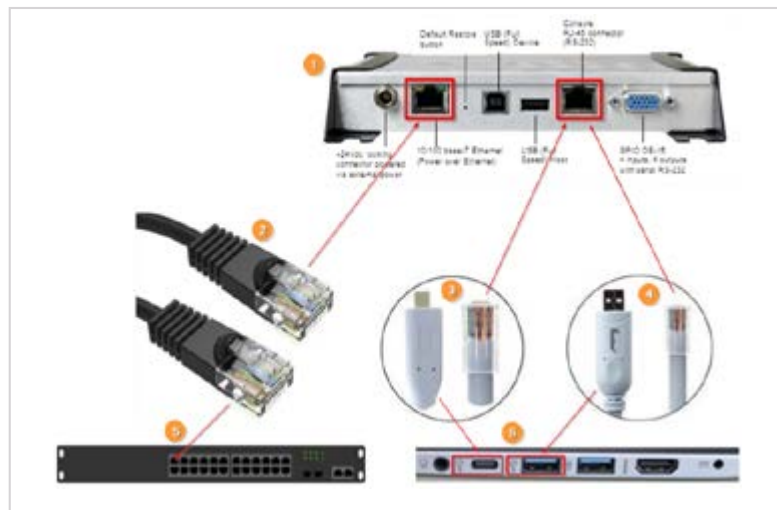
Steps provided using PuTTY, download on laptop/tablet: http://www.putty.org/

Configure via Console Cable ....

CONNECTING THE READER FOR CONFIGURATION

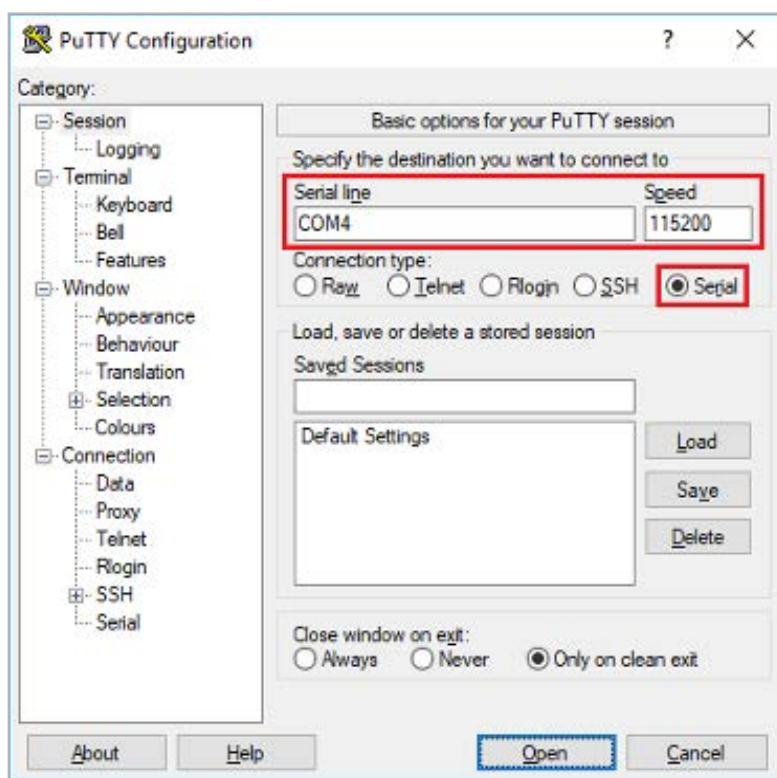You will need the following devices and cables:

1. Impinj Reader
2. Ethernet cable
3. USB-C to RJ45 console cable **-or-** 4. USB to RJ45 console cable
5. PoE Switch/PoE network drop
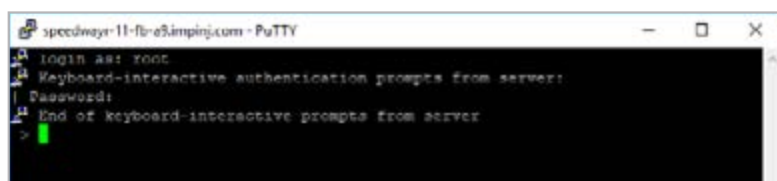6. Laptop/tablet with USB-C or USB port

STEPS FOR CONFIGURING THE READER

1 Connect the RFID reader like the above diagram and open PuTTY

2 In "PuTTY Configuration" screen set the following

2a Choose "Serial" for Connection type

2b In "Serial line" field, enter the COM port the console cable is connected to:

Reference: *Locating the COM Port Number - Windows*

2c In "Speed" field, enter 115200

3 Click "Open" button.

4 You will get a RShell login prompt. If you see a blank screen, hit the "Enter" key once.

5 Type the default login and password information:

Login: *root*
Password: *impinj (the password characters may not show as you type them)*

6 You are now logged into the reader's RShell interface.

7 To find out the RFID reader's IP address, type the following at the RShell prompt:

> *show network summary*

8 To set the RFID reader to a static IP address you are configuring the *IP address, Netmask, Gateway,* and *Broadcast Address* separated by a space character:

> *config network ip static* | xxx.xxx.xxx.xxx | xxx.xxx.xxx.xxx | xxx.xxx.xxx.xxx | xxx.xxx.xxx.xxx |

IP Address   Netmask   Gateway   Broadcast

For Example:

> *config network ip static 192.168.0.20 255.255.255.0 192.168.0.1 192.168.0.255*

9 To exit from the RShell interface:

> *exit*

Configure via SSH

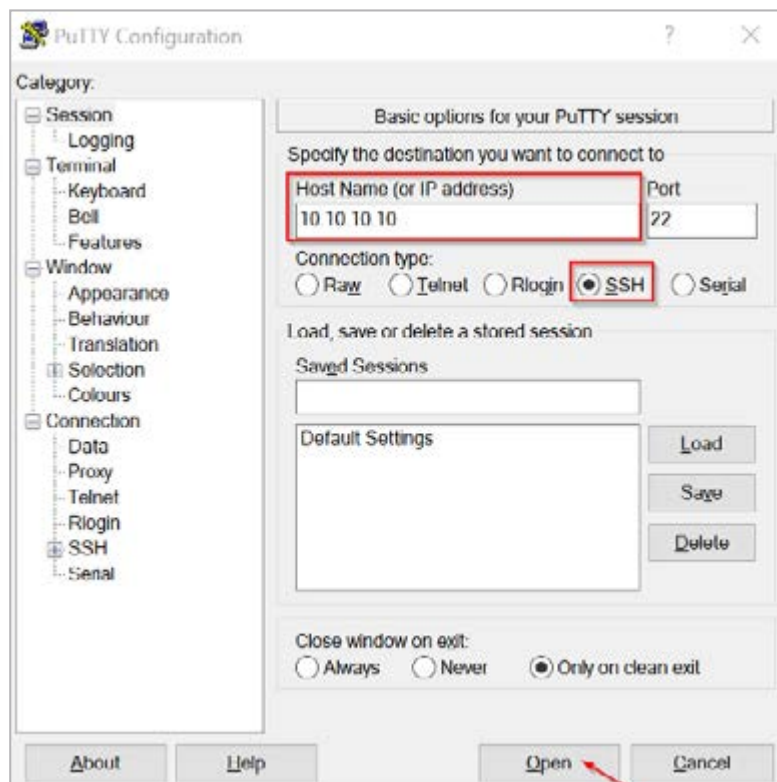**STEPS FOR CONFIGURING THE READER**

1 Open PuTTY or preferred SSH Client

2 In "PuTTY Configuration" screen set the following

2a Choose "SSH" for Connection type

2b In "Host Name (or IP Address) field input reader IP

2c Click "Open"

3 First time connecting to reader you will receive PuTTY Security Alert, select Yes.

4 Log into the reader

Username: *root*
Password: *impinj* (the password characters may not show as you type them)

5 At the > prompt type the following command to confirm the reader IP:

> *show network summary*

PuTTY Security Alert ✕

⚠ The server's host key is not cached in the registry. You have no guarantee that the server is the computer you think it is.
The server's rsa2 key fingerprint is:
ssh-rsa 1024 eb:81:57:1f:02:55:5f:cd:68:69:64:e1:f6:e1:71:04
If you trust this host, hit Yes to add the key to PuTTY's cache and carry on connecting.
If you want to carry on connecting just once, without adding the key to the cache, hit No.
If you do not trust this host, hit Cancel to abandon the connection.

[**Yes**] [No] [Cancel] [Help]

6 To set the RFID reader to a static IP address you are configuring the *IP address, Netmask, Gateway,* and *Broadcast Address* separated by a space character:

> config network ip static xxx.xxx.xxx.xxx xxx.xxx.xxx.xxx xxx.xxx.xxx.xxx xxx.xxx.xxx.xxx

IP Address   Netmask   Gateway   Broadcast

For Example:

> *config network ip static 192.168.0.20 255.255.255.0 192.168.0.1 192.168.0.255*

7 To exit from the RShell interface:

> *exit*