

Wifi Ad Hoc Network file transfer:

File Size: 590 mb

Result: File was Transferred Sucesfully with Speed of 3.55 Mb/Sec

Total Time Taken: 2.11 Min

Bluetooth file Transfer speed from One System to another:

File Size Transferred: 500 mb

Resut: Total Time Taken: 1 hr 55 min

Comparision : From the above result we can say that wifi Ad hoc networks have very high speed of transfer than Bluetooth networks.

Wifi Ad hoc network File transfer Procedure:

Step 1: Ad hoc network with ssid= pk was setup in one of the laptop. Password given was 123456789

As shown in below screenshot.

Step 2: Basic sharing settings changes were implemented in laptop.

Step 3: Other Devices connected to the ad hoc network “pk”

Step 4: Some files were kept in Public folder (default sharable) in one of the PC. Stop watch was started as the copy process begin from one system to another.

Screenshot “When Transfer was in Progress”.

Step 5: Total time consumed for transfer of 566 MB file was **02 minutes and 11 seconds**.

Infrastructure used : Wifi Ad Hoc Network

Bluetooth File Transfer:

A mobile device and windows laptop was connected via Bluetooth pairing.

A transfer of 600 mb file was initiated. 500+ mb of file was transferred in 1 hour 55 minutes.
Attached is the screenshot.