WiFi/Carrier Data
Backup & Syncing

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February 7, 2017

WiFi
- 200 - 300 ft range
- Secured vs Unsecured
- Internet provided by network owner
- speed varies considerably
- No data limits (usually)

Carrier Network
- 1 - 5 mi range
- Secured (mostly)
- Internet provided by
  - Verizon, AT&T, T-Mobile etc.
- speed varies enormously
  - E, 3G, 4G, LTE
- Data limits usually apply

Bluetooth
- up to 30ft range
- No Internet
- Used to connect nearby devices
- quality of connection varies
How to connect

**WiFi**

**Settings** ➜ **WiFi**

- Turn On or Off
- Select desired network
- Enter password or username & password if secured network
- Some unsecured networks require passwords
- Will reconnect automatically

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**Carrier Data**

**On** automatically but may be turned off.

**device** will default to WiFi if connected

**Settings** ➜ **Cellular Data**

- Turn **On** or **Off**
- **Cellular Data Options**
  - **Enable LTE**
  - **Data Roaming**

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**Bluetooth**

- **Keyboards, Headsets, Pencils, Cars**
- **Pairing**
  - Slightly different or each device.
  - You may have to read instruction that comes with your device

**Settings** ➜ **Bluetooth**

- make accessory device discoverable
- follow on screen instruction(s)

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**Backups**

**Wired**

- Connect it to your computer via your 30 pin or lightning connector
- Make a backup via iTunes
  - If it not set to do an iCloud backup it will automatically perform a backup when the device and your computer are connected
  - Can be encrypted
Backups

Why?

What it does

Backups contain user iMessages and texts, content purchase history, photos and videos, device settings, app data, voicemail password, and health data.

Backups

iCloud

Settings→iCloud

Make sure your Apple ID is active

Go to Backup

Turn it on

It will show the date and time of the last backup

Syncing

Making data match in multiple devices

For Example

contacts, calendars, reminders, photos bookmarks, etc.

Primarily via iCloud or other 3rd party cloud services

Could be WiFi only such as some password apps
Syncing

Settings ➜ iCloud

iPad
iPhone
Mac in Operating System

PC - must download iCloud for Windows

Set up each machine with the same settings

Find my iPad/iPhone

Find it
Lock it
Erase and Brick it

Bonus

Apple Pay
Student Discounts
Apple (UNiDAYS)
UNiDAYS - discounts
Adobe
Microsoft