

Updated
for Raspbian
Stretch

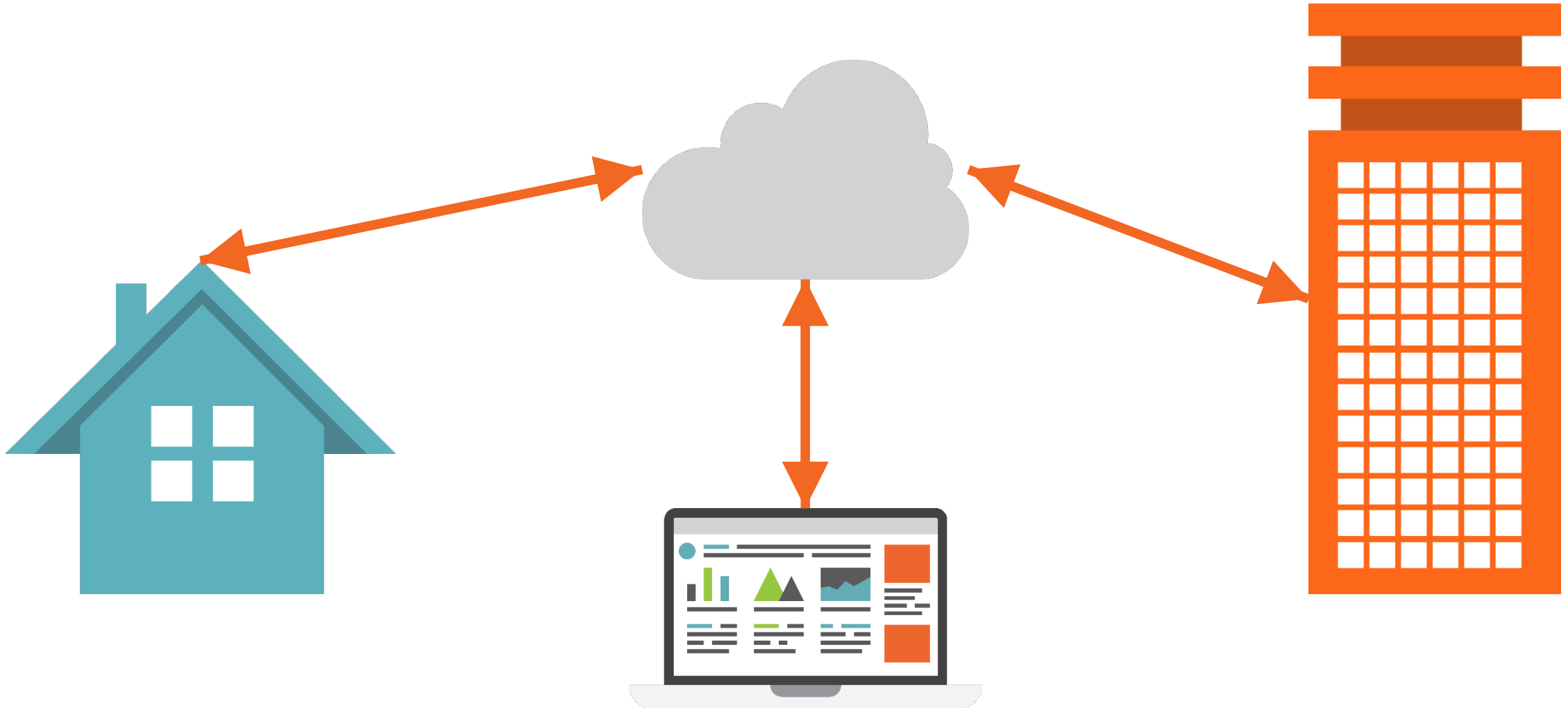
BitTorrent Sync: Your Own Private Cloud



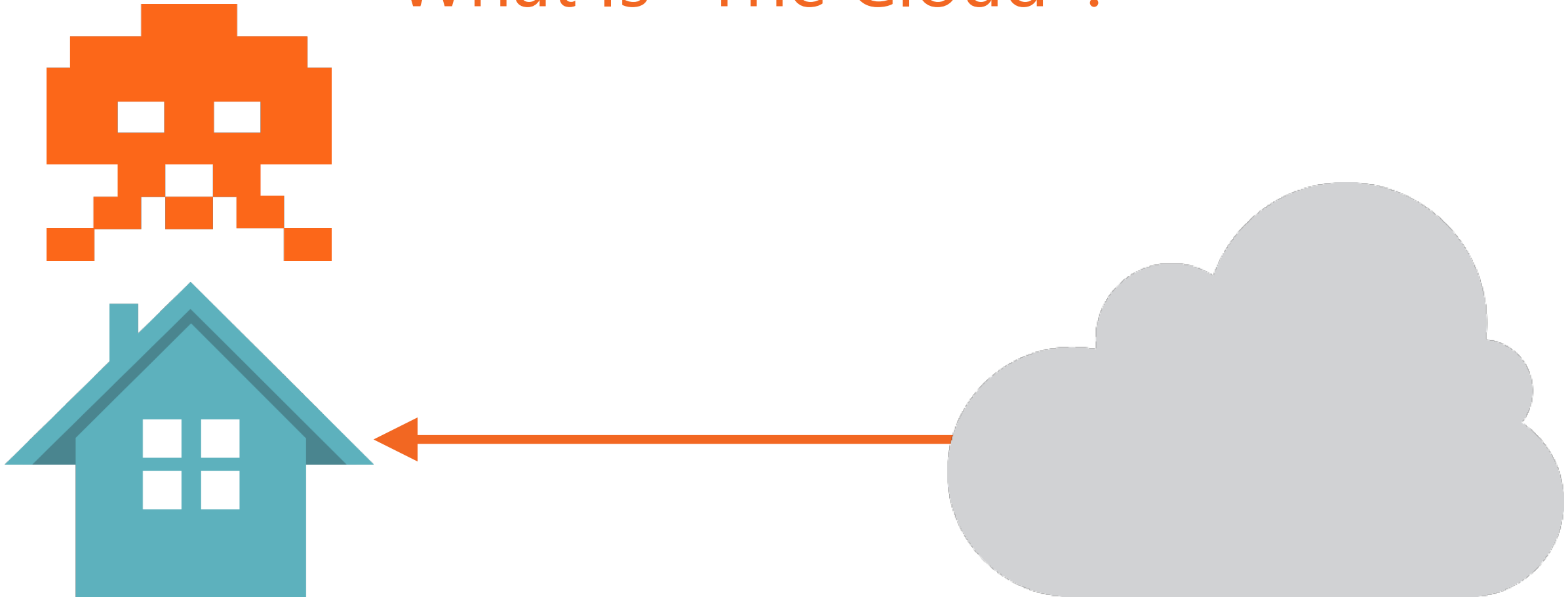
Mel Grubb

@melgrubb | melgrubb.wordpress.com

What Is "The Cloud"?



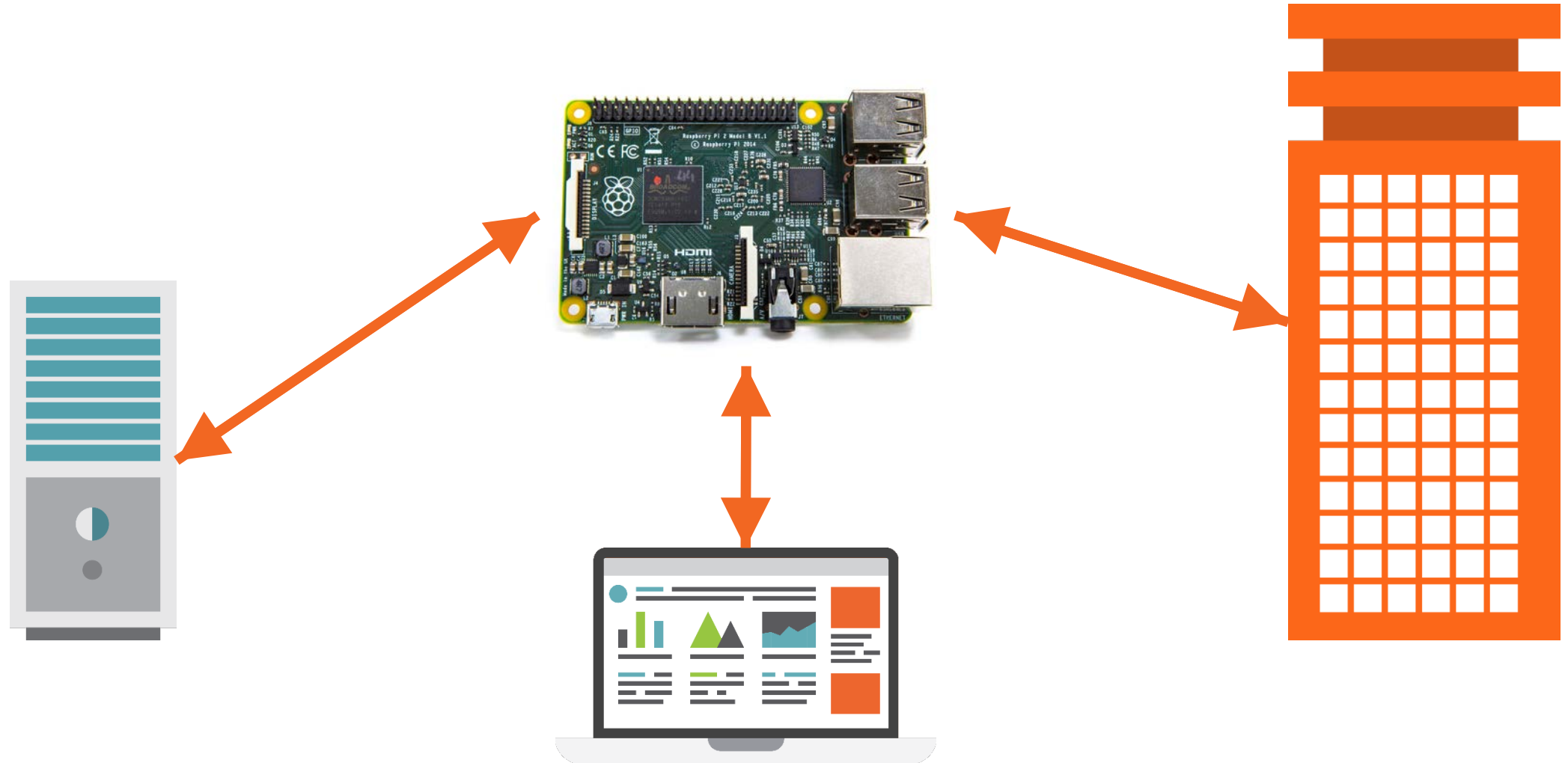
What Is "The Cloud"?



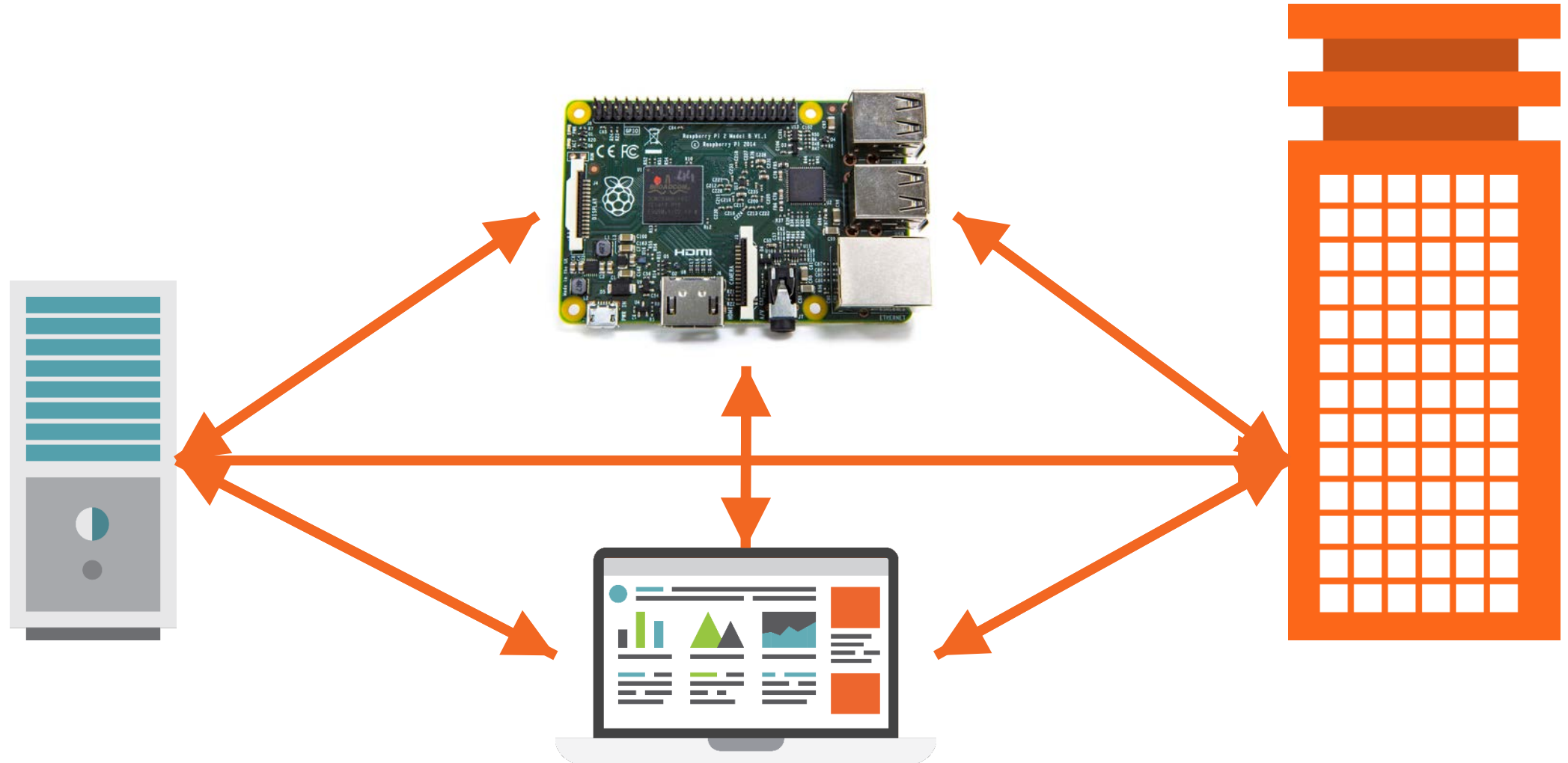
What Is "The Cloud"?



Your Own Cloud

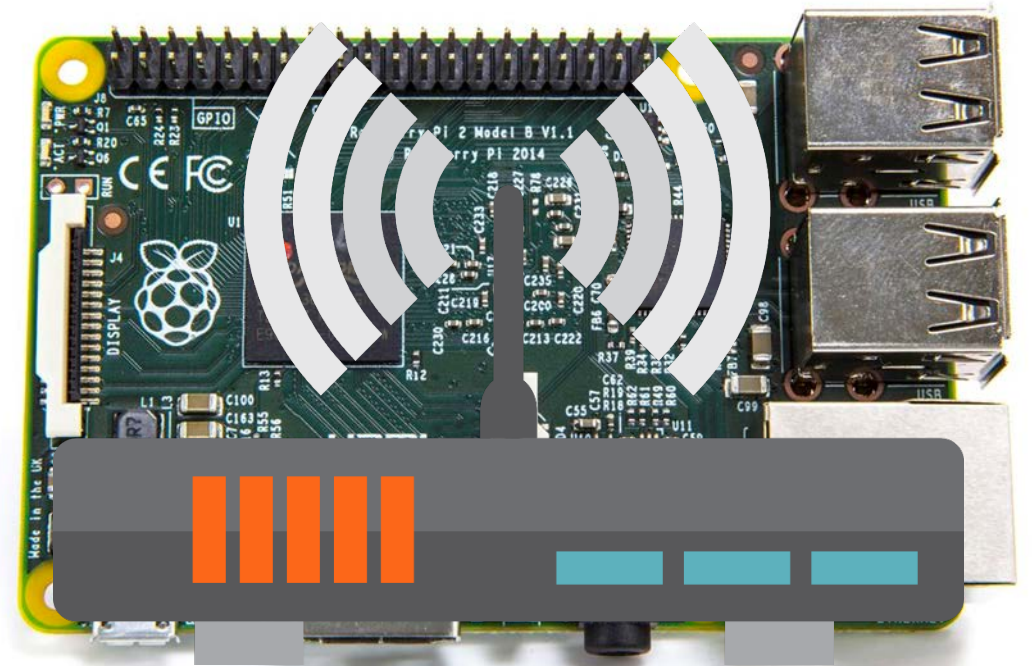


Your Own Cloud



Prerequisites

- Raspberry Pi Home Server
- UPnP-capable router
- Or firewall administration rights



Updates

BTSync → Resilio Sync
melgrubb.com

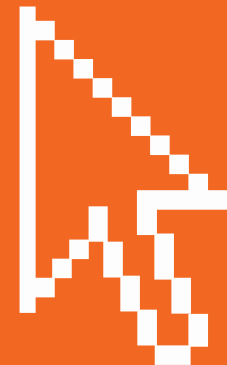
Demo: Installing BitTorrent Sync

Add apt-get source list

Add repository signing key

Update apt source list

Install btsync



Configuring BitTorrent Sync

Manually expire
Pro trial
(optional)

Create sync
directories

Add directories to
BitTorrent Sync

Install BitTorrent
Sync Clients

Manually expire
Pro trial
(optional)

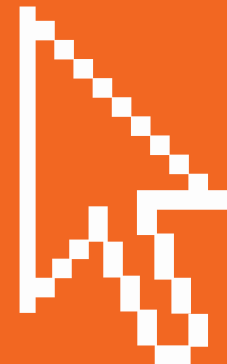
Sync directories to
other clients

Configuring BitTorrent Sync

Create Sync directory

Add Sync directory using web interface

Generate keys



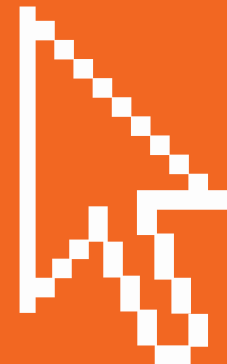
Demo: Installing Windows Client

www.getsync.com

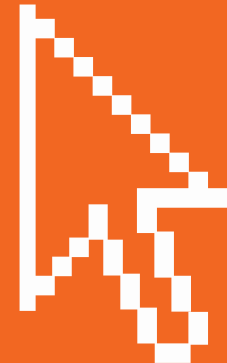
Install and run



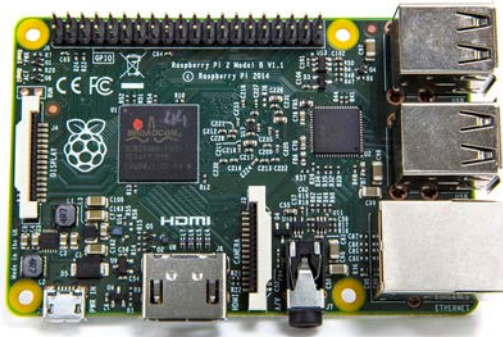
Demo: Conflict Management



Demo: Public Folder



Summary



- Installed BitTorrent Sync on server
- Manually expired trial license
- Set up sync folders
- Installed BitTorrent on desktop
- Manually expired trial license
- Synchronized files

Make A Backup

Windows

Win32DiskImager

Mac / Linux

```
sudo dd if=/dev/diskn of=~/.pi.img bs=1m
```



What's Next?

Dealing with Power Failures