Cloud Computing

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Cloud email accessed through the browser

... with the cloud provider's domain name ...

... or with your own

Why not office applications too?
Why not everything else?

Consider ...

- Sharing is easy
- Someone else does backup
- Someone else handles software updates
- There's 7x24x365 operations support, auxiliary power, redundant network connections, geographical diversity
- Scalability – both up and down – is instantaneous
- Many fewer demands on the local operating system and machine

Amazon Elastic Compute Cloud (EC2)

- $0.80 per hour for
  - 8 cores of 3 GHz 64-bit Intel or AMD
  - 7 GB memory
  - 1.69 TB scratch storage
  - Need it 24x7 for a year?
    - $4800

- $0.10 per hour for
  - 1 core of 1.2 GHz 32-bit Intel or AMD (1/20th the above)
  - 1.7 GB memory
  - 160 GB scratch storage
  - Need it 24x7 for a year?
    - $590

This includes

- Purchase + replacement
- Housing
- Power
- Operation
- Reliability
- Security
- Instantaneous expansion and contraction