

Evaporation

Evaporating stagnant servers to the cloud

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Objective

- To replace the existing noisy, power-hungry and warm environment with ~~someone else's problem~~ cloud computing
- To do the above, spending as little as possible (free services!)

Side-note: Security

Is the cloud secure?

Starting Point

- 2 servers, running WS2k3 R2 Enterprise
- One Exchange server handling email
- Responsible for..:
 - File storage, DNS, DHCP, IIS, Remote file access, email for five domains, calendar/contact synchronisation across multiple computers/devices
- All running under my stairs

NMP!

- Servers use power
 - if someone already has server on, why not use their electricity?
- Servers make heat
 - let someone else sweat
- Servers need attention
 - let someone else attend to them

Replacement: Network Services

- Data
- IIS
- DHCP
- DNS

Replacement: Exchange Services

- Mail
- Calendar
- Contacts
- Mobile information access/synchronisation

Total Costs

- Synology NAS + 750GB HD: £150
- Various synchronisation services: £50

Summary

- A fully-fledged Microsoft Enterprise server environment with Exchange 2007 (Enterprise!) has been replaced with Cloud-Based services for less than £200 and 95% less administrative effort
- This model will scale to a significantly larger environment, and would be perfect for smaller organisations who want all of the benefits with none of the cost

My new Sys Admins



Any questions?