











## L7: Where the model can apply

- Where you don't need clusters!
  - Databases: Oracle
- User can hit any machine, or maintain a session to a single machine
- No high throughput shared storage required.
  - Low throughput via NFS/SMB
- Different class machines, or heterogeneous machines even



## Other services we know work

- Web: http and https + SSL offloading Proxies too
- LDAP
- SMTP (in/out), POP, IMAP
- Radius
- Misc ports (tcp/udp)
- Cold fusion (cluster cats)



## Plans

- SMTPs/POPs/IMAPs with SSL offloading
- Higher level packet inspection and switching, URL based
  - Remove the apache/tomcat connector
- Advanced service monitoring, not if TCP port there or SMTP banner correct, but if actually providing real service
- Investigate full site fail over (3DNS)



## About the F5 BigIP

- Works brilliantly
- Failover is a dream
- Upgrade is easy
- Configuration is simple
- Provides a little too much flexibility, ie. Access to OS
- Very good support in Australia
- Market leader
- More from Daniel Storey, F5 Networks

