Domain Name Registration System

APTLD Non-Technical Training – Bali
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WHO IS AUSREGISTRY?

AusRegistry
- Registry Operator for the .au ccTLD since July 2002
- Operates .au Domain Name Servers (DNS)
- Consultation to industry and government
- Website: www.ausregistry.com.au

AusRegistry International
- Consults globally on ccTLD operations
- Registry Operator for the Solomon Islands .sb ccTLD
- Registry Operator for the Australian ENUM Trial
- Registry Operator for the REC Registry
- Website: www.ausregistryint.com
BUY vs. BUILD

“…programming today is a race between software engineers striving to build bigger and better idiot-proof programs, and the Universe is trying to produce bigger and better idiots. So far, the Universe is winning…”

Rick Cook
BUILD – CONSIDERATIONS

- Starting from scratch, why re-invent the wheel?
  - Time to deploy
  - Cost
  - Available resources
  - Available infrastructure
  - Experience / expertise
  - Service levels
  - End user experience
  - The unknown
BUILD – CONSIDERATIONS

- Many factors need to be taken into account:
  - Accountability and sovereignty
  - Size of Registry
  - Size of population
  - Enhancing local skill base
  - Building local infrastructure
BUY – CONSIDERATIONS

• Outsourcing may save money, improve quality, or free company resources for other activities

• To outsource all or parts?
  • It’s a critical resource
  • Value for money
  • Sovereignty, security & control
  • Service levels
  • Maintenance options
  • Experience
OUTSOURCING APPROACH

- If outsourcing is the chosen option:
  - Competitive tender
  - Detailed research
- Both options will require:
  - Technical expertise in the evaluation process
  - Time
  - Money
  - Legals
OUTSOURCING APPROACH

Risks:
- Not clearly defining goals and objectives before starting the process
- Not casting the net widely enough and thus missing good vendors
- Contingency planning for major disruptions at the service provider

Benefits:
- Financial savings
- Ability to focus resources and attention on core business initiatives
- Technical burdens are lowered
BUY – WHO IS OUT THERE?

- AusRegistry International
  - www.ausregistryint.com
- i-dns.net
  - www.i-dns.net
- Afilias
  - www.afilias.info
- VeriSign
  - www.verisign.com
- NeuLevel
  - www.neulevel.biz
OPEN SOURCE

Adrian Kinderis – AusRegistry International
Domain Name Registration System – Buy vs. Build
OPEN SOURCE

- Open Source
  - Still requires customisation
  - Still requires upgrades
  - Not everything is free – connectivity and equipment
  - Who’s to blame when things go wrong?
CONCLUSION

- Nothing is without risk
- What is right for the current state of the ccTLD:
  - Social factors
  - Economic climate
  - Technical resources
- It’s been done before!

“...good design can't fix broken business models...”
Jeffrey Veen