Infrastructure & Separation of Services

ccTLD Workshop

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Apia, Samoa

Infrastructure

Verify: Components are working?

Backup: What, how, when, where?

Restore: Testing your restore!

Power: Enough, UPS, graceful shutdown?

Physical: Safe? Backup site location?

Infrastructure

Connectivity: Redundancy? Enough?

Network: Monitored?

Boxes: Enough. Spare parts?

Security: Your data? Your boxes? Your site?

OS: Reasonable? Up-to-date? Secure?

Separation of Services

DNS: Off-site DNS in case of total network loss? Geographically different secondaries?

Services: Not all running on one box?

Data: Backups off-site?

Redundancy: Core services duplicated?

Results

Poor planning and implentation have led to:

- Entire TLDs (countries!) off-line for long periods of time.
- Loss of data = loss of money = loss of customer records.
- Difficulty expanding in the future.