Course Scenario

Animals4life

- Animal Rescue and Awareness Organization

- **Global**, with HQ in Brisbane Australia - **100** staff

- .. Call Center, Admin, IT, Marketing, Legal & Accounts

- **~100** Remote workers across Australia and Globally

- .. Animal care, activists & Lobbyists

- Major offices in **London**, **New York** & **Seattle**

- Small **on-premises** datacenter in **Brisbane**

- Badly Implemented AWS trial in **SYD** Region

- A few isolated Azure/GCP Pilots

- Global Offices & mobile staff utilize Brisbane Infrastructure

- **Cost-conscious** but **progressive** management team

Global Architecture

Major Offices

London
New York
Seattle

**Service
Consumption**

Field Workers

Laptop
3G, 4G, Satellite Connection
Data u/l & d/l
Email, File Access
Chat & Planning
Research datasets

Head Office

On-premise 192.168.10.0/24
AWS Pilot 10.0.0.0/16
Azure Pilot 172.31.0.0/16

- Legacy on-premises hardware is **failing**

- AWS/Azure Pilots are **messy** and **not best practice**

- **Performance issues** for field workers

- **Lack of HA and Scalability** - hardware is expensive

- Staff skills/capabilities struggle.. **little automation**

- Global expansion concerns - **cost for new infrastructure**

- Fast performance for all field workers

- Able to deploy into **new regions quickly** when required

- **Low cost** & **scalable** base infrastructure

- **Agility** - spin up new marketing campaigns, social and progressive applications (**IOT**, **Big Data** etc)

- **Automation** - low base staffing costs