ICANN 74
ccTLD News Session
Cybersecurity Theme
Presented by: Calvin Browne
DNS.Business
calvin@dns.business
Who do I represent in this context?

Director - Domain Name Services (Pty) Ltd

Service provider to the ZA Central Registry (net|org|web|co.za)

Service provider for the ZA Domain Name Authority (.za)

Additionally (Via DNS Africa - in MU)

.Africa (and .capetown/.joburg/.durban)

A handful of EU based new Generic Top Level Domains

Collectively referred to as “DNS.Business”
Multi-Jurisdictional

We are subject to:

South African Law

(Electronic Communication & Transactions ACT 25 of 2002, specifically Chapter X)

Mauritian Law

Austrian and EU Law
ECT Act 2002

Chapter X sets out the legislative framework for the .ZA DNA

Mostly policy.

Chapter XIII sets out Cyber Crime

Unauthorised access to, interception of or interference with data

Computer-related extortion, fraud and forgery

Attempt, and aiding and abetting

And then of course penalties (fines and up to five years imprisonment)

Chapter IX - Critical Databases
Relationships

Contractual relationships

ZACR
ZADNA

“Loose” relationships

Product of SSA
For example - I am a member of TLD-Ops (via other ccTLD duties)
zaNOG (email list/discord server)
AfriNIC/AfNog
ISO 27001

Obtained in 22/12/2020

Helps address:

- Risks
- Processes
- Control
- Training
Practical Implications

Covid Shutdown

DDOS attacks

System “Failures”