KNOW YOUR ENEMY

知彼知己，孙子兵法

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Know your enemy 知彼

- Attackers are moving to the cloud
- Increasingly malware is becoming FUD
- DDoS attacks increasing – just ask the US FSI
- Attacks are increasing in sophistication and automation
- Warfare is no longer symmetrical, it is now asymmetrical
- Your adversaries know your Achilles heel, do you?
What is my Achilles heel?
- Trends are eroding the effectiveness of the perimeter and other security solutions

What does normal look like for me?
- How do you make sense of all of this data? Do you have security intelligence?

How do I control access to my data and services?
- Do you federate with the CSP, do you encrypt, what do you encrypt, how do you encrypt?

How do I respond to a security breach in the cloud?
- Do you have a plan?
Is the perimeter dead?

Your CSP

Your data center

Your CSP
Meet the enemy at ‘their’ front door
DIY Cloud Security
DIY cloud security – legacy thinking

- Challenge to manage policy
- Scalability and capacity issues
- Poor solution for DDoS attacks
Mega POP – struggle for scale

Your CSP

Your data center

Your CSP
Cloud Security Network
Cloud Security Network

- Centralized management of policy
- Scalability and capacity
- Performance not sacrificed
- Ability to block at the edge and route around congestion

► 10,000s of servers in 1000s of networks
► Integrated WAF
► Inherent DDoS protection

Your CSP

Your data center

Your CSP
Cloud Security Network – DMZ Zero

Cloud Security Network

Web Tier

App Tier

Data Tier

DMZ Zero

DMZ One

DMZ Two

DMZ Three
The mythical silver bullet

► There is no end-state with security, just milestones, phases and stages

► Your adversaries have access to the same tools, same information as you do….what is the differentiator?

► A fixed perimeter is increasing your security risk, not reducing it!
Thank you