Disruption on High
Managing Cyber Risk in a Multicloud World

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Digital Disruption

Mobile Workforce  Many Devices  Data, Data, Data  Multiple Clouds
Enabling Disruption
Buy It or Build It

Two Ways to Think About Cloud

**1. Consuming Someone’s Cloud Services**
- Security, trust, data protection, & privacy concerns overlap

**2. Building Your Own Cloud Enabled Service**
The New Normal
It’s a Multicloud World

- 85% of cloud users are evaluating or using public cloud.
- 87% of cloud users have taken steps towards a hybrid cloud strategy.
- 94% of cloud users plan to use multiple clouds.

Source: IDC CloudView, April, 2017, n=8,293 worldwide respondents, weighted by country, company size and industry.
Context

**Threat Intelligence**

- 1.5 Million Daily Malware Samples
- 600 Billion Daily Email Messages
- 16 Billion Daily Web Requests
- Honeypots
- Open Source Communities
- Internet-Wide Scanning
- Product Telemetry
- Vulnerability Discovery (Internal)

**Intelligence Sharing**

- 20 Billion Threats Blocked Daily
- Curated Data Sharing Programs
- Industry Sharing Partnerships (ISACs)
- Provider Coordination Program
- Open Source Intel Sharing
- 3rd Party Programs (MAPP)

- 500+ Participants

**Additional Information**

- 300+ Full-Time Threat Intel Researchers
- MILLIONS Of Telemetry Agents
- 1100+ Threat Traps
- 4 Global Data Centers
- 100+ Threat Intelligence Partners
Most organizations use upwards of 730 individual cloud services + capabilities

In 60 seconds, an employee could have spun up a workload in a public cloud provider...and you might not know

Applying old procurement security requirements to cloud when you don’t own it

Wide-spread attacks are still happening; the NEED for baseline security doesn’t change

Adversaries are increasingly targeting clouds and mobile... defender skills need to evolve
But Wait…

There is Good News!
Cyber Defense Must Evolve
1. Get Visibility
2. Establish Governance & Risk Classification
3. Define Policies & Change Behaviours