See how a visibility architecture can help you
www.ixiacom.com/solutions/network-visibility

"Cisco Global Cloud Index Projects Cloud Traffic to Nearly Quadruple Representing 92 Percent of Total Data Center Traffic by 2020" (November 2016)

The Fog of Security

CA N THE CISO BE EXPERT IN EVERYTHING SECURITY?

The CISO's MIND MAP

The Solution?

VISIBILITY ARCHITECTURE
Spans all domains and correlates responses and guidance

The Law of Large Numbers

Virtualization
Containers

Workload Density

460K
4B
192%

5.7

Outsourcing trends

Outside the perimeter: public cloud services, SaaS services, smartphones, laptops, and typically most IoT

Areas which are not always emphasized: IP protection actions, such as data classification, behavior analysis, incident response, user testing, and user training

Other areas that need attention: security management, mobile applications that go directly to the cloud bypassing internal security, IoT, security, and alert management

Complexity and Conflicting Guidance

The CISO's CHALLENGE

THREAT INTELLIGENCE
SECURITY OPERATIONS AND INCIDENT RESPONSE
RISK AND COMPLIANCE
FRAUD PREVENTION / TRANSACTION SECURITY
IDENTITY AND ACCESS MANAGEMENT

INDUSTRY TERMINOLOGY

EPP: Endpoint Protection
DLP: Data Loss Prevention
NGFW: Next Generation Firewall
AST: Application Security Testing
SIEM: Security Information Event Management
DCAP: Data Center Audit and Protection
IDPS: Intrusion Detection and Protection Systems
WAF: Web Application Firewall
CASB: Cloud Access Security Broker

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