



# HOW DO YOU MEASURE PROTECTION IN THE CLOUD?

EVERY CLOUD SECURITY VENDOR WILL GIVE YOU IMPRESSIVE-SOUNDING METRICS FOR CLOUD SECURITY.

**BUT WHAT DO THEY REALLY MEAN?**

## YOU KNOW YOU NEED CLOUD PROTECTION ON A LARGE SCALE

MEGA ATTACKS ARE NOT TYPICAL.

But when they hit, they hit *hard*.



**321 Gbps**

LARGEST 2014



**309 Gbps**

LARGEST 2015



**623 Gbps**

LARGEST 2016

## HOW DO YOU MEASURE CLOUD SECURITY CAPACITY?

A VENDOR MAY HAVE A LOT OF NETWORK CAPACITY,

but how much of that capacity is available to handle an attack against your organization?



ASSUMING TOTAL NETWORK CAPACITY IS 1 Tbps, HOW MUCH Gbps CAPACITY IS CONSUMED BY LEGITIMATE TRAFFIC?



HOW MUCH CAPACITY IS IN AN INDIVIDUAL DATA CENTER?



REMAINING CAPACITY CAN'T HANDLE THE AVERAGE DDoS ATTACK, LET ALONE ONE OF THE 100+ MEGA ATTACKS

## YOU KNOW YOU NEED ATTACK MITIGATION FAST

Every minute your system is down is a loss:



LOSS OF PRODUCTIVITY FROM IDLE EMPLOYEES



LOSS OF CUSTOMERS WHO DON'T COMPLETE TRANSACTIONS



LOSS OF CONTRIBUTIONS TO YOUR BOTTOM LINE

## HOW DO YOU MEASURE SPEED?

WHEN A CLOUD SECURITY VENDOR PROMISES TO RESPOND QUICKLY, WHAT DOES THAT MEAN?

The time that matters most is the time it takes to stop an attack.



DON'T MEASURE BY UPTIME, **THAT SHOULD ALWAYS BE 100%**



DON'T MEASURE BY TIME TO RESPOND, **THAT TELLS YOU NOTHING ABOUT THE DURATION OF THE ATTACK**



FIND OUT THE SLA **TIME-TO-MITIGATE**

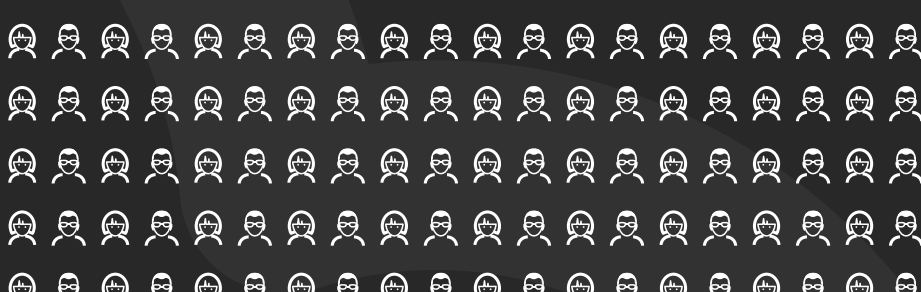
## HOW DO YOU MEASURE SUPPORT?

EVERYONE OFFERS A 24/7 SECURITY OPERATIONS CENTER (SOC), BUT IF THEY'RE MITIGATING MULTIPLE ATTACKS, YOU NEED TO KNOW

How deep is their bench?



24x7 SOC



24x7 SOC

## METRICS MATTER. ASK THE RIGHT QUESTIONS. EXPECT THE RIGHT ANSWERS.



AKAMAI'S DDoS SCRUBBING SERVICE CAPACITY **THE WORLD'S LARGEST CDN**



AKAMAI SLAs COMMIT TO **A TIME-TO-MITIGATE**



AKAMAI'S 150+ PERSON SOC MEANS YOU'RE COVERED **NO MATTER WHAT**

To learn how to improve cloud security for your brand, visit [WWW.AKAMAI.COM/WHY-CLOUD](http://WWW.AKAMAI.COM/WHY-CLOUD)

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