

11/9/2016  
10:00 AM

# The Big Lesson We Must Learn From The Dyn DDoS Attack



Nathaniel  
Gleicher,  
Commentary

Connect Direct



0 COMMENTS  
COMMENT NOW

The vulnerabilities that make IoT botnet also make them the perfect clouds.

## Lessons From the Dyn DDoS Attack

A week ago Friday, someone took down numerous popular websites in a massive distributed denial-of-service (DDoS) attack against the domain name provider [Dyn](#). DDoS attacks are neither new nor sophisticated. The attacker sends a massive amount of traffic, causing the victim's system to slow to a crawl and eventually crash. There are more or less clever variants, but basically, it's a datapipe-size capacity to receive and process data, the victim can process, he or she will win.

It is much smarter to recruit millions of the DDoS attack, and pretty much all computers around the internet and single victim.

## Dyn DDoS attack exposes soft underbelly of the cloud

The DDoS attack against Dyn affected numerous websites, but the victims are the enterprises that rely on SaaS for critical business operations.



## RECENT NEWS

October 21, 2016



How can we **secure our own IoT networks** and **prevent unwilling participation** in botnets?



Two concentric, incomplete purple circles are centered behind the text. The outer circle is larger and the inner circle is smaller, both with gaps on the right side.

**KANA**  
**SHI**

- Member of your IoT network.
- **Detects unauthorized, malicious** outbound **traffic** from your devices.
- Keeps the internet safe.

**Kanashi** acts as a guardian for your **outbound packets.**

**FILTERING:**

**Malicious packet**

**ACTIVITY ALERTS**

- **Web application**
- **SMS**

