



A project of Red7.com — online at CyberSpark.net

—Keeping the flame of
free speech and
human rights alive online



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- Free speech
 - is a cornerstone of peace and freedom

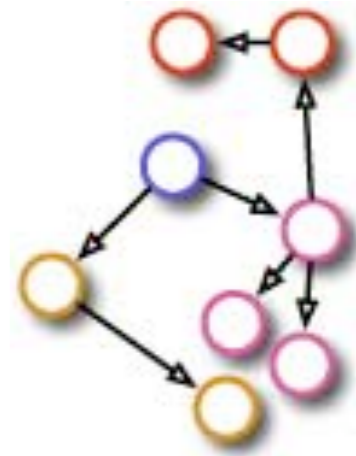


- **Cyberattacks**
 - Can limit freedom of speech
 - May be politically motivated or...
 - undirected and opportunistic

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- **Types of attacks**
 - **Drive-by attacks** (javascript & iframes)
 - **Zero-day attacks** (PDF & trojans)
 - **DDoS** (Distributed Denial of Service) **attacks**
 - **EDoS** (Economic Denial of Sustainability) **attacks**
 - **Phishing** (using social engineering)
 - **Targeted poisoned email** (~friendly fire?)





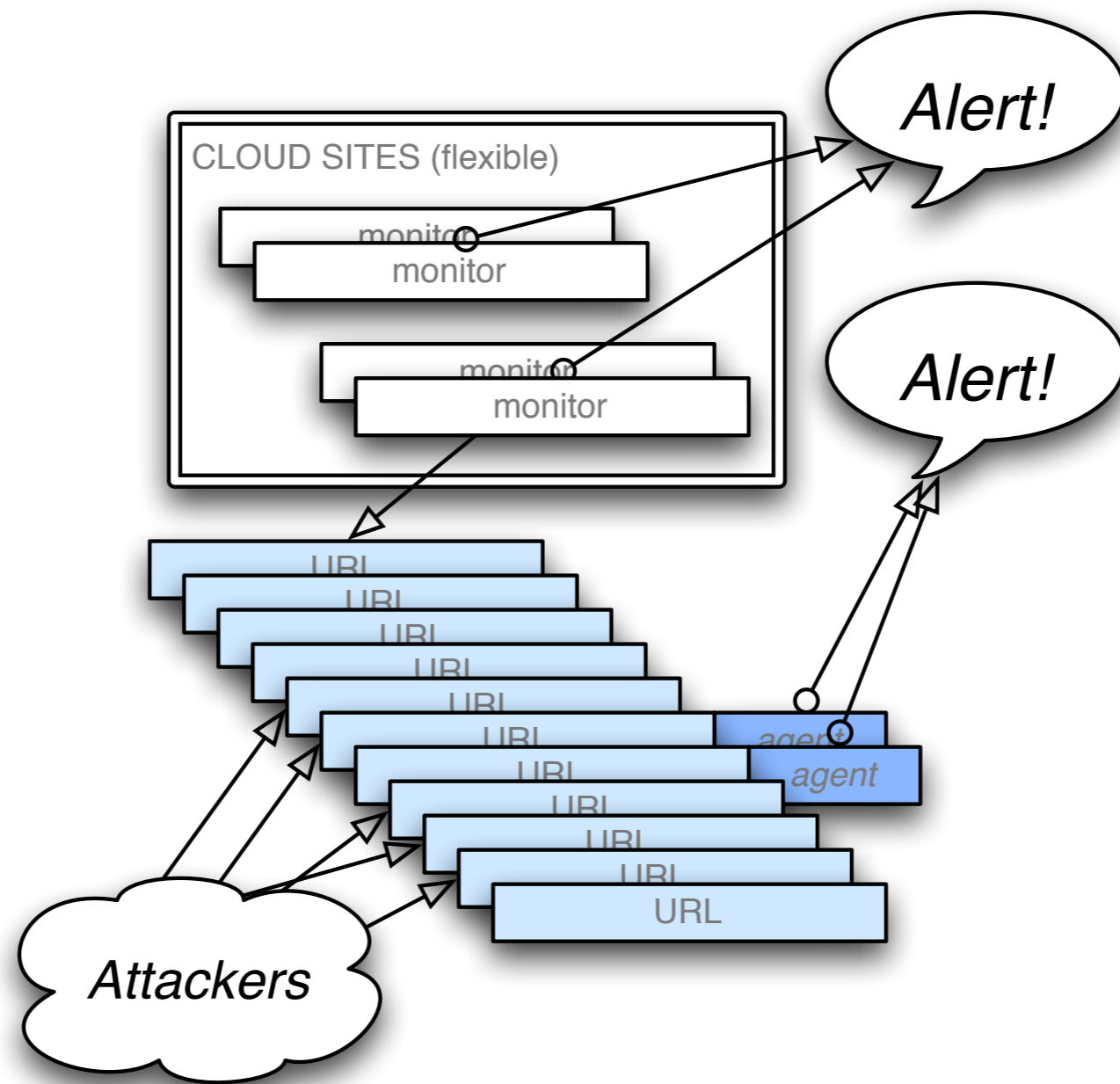
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- Early detection of the unpredictable
 - Monitor and alert
 - Forensics and recovery
 - Internal agents
 - We partner directly with the NGO



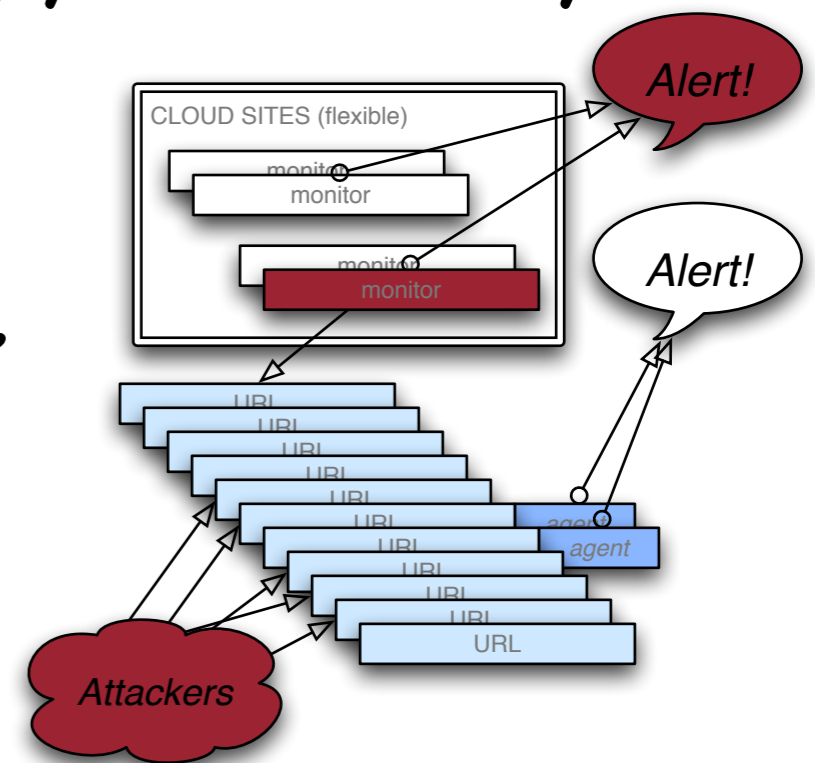


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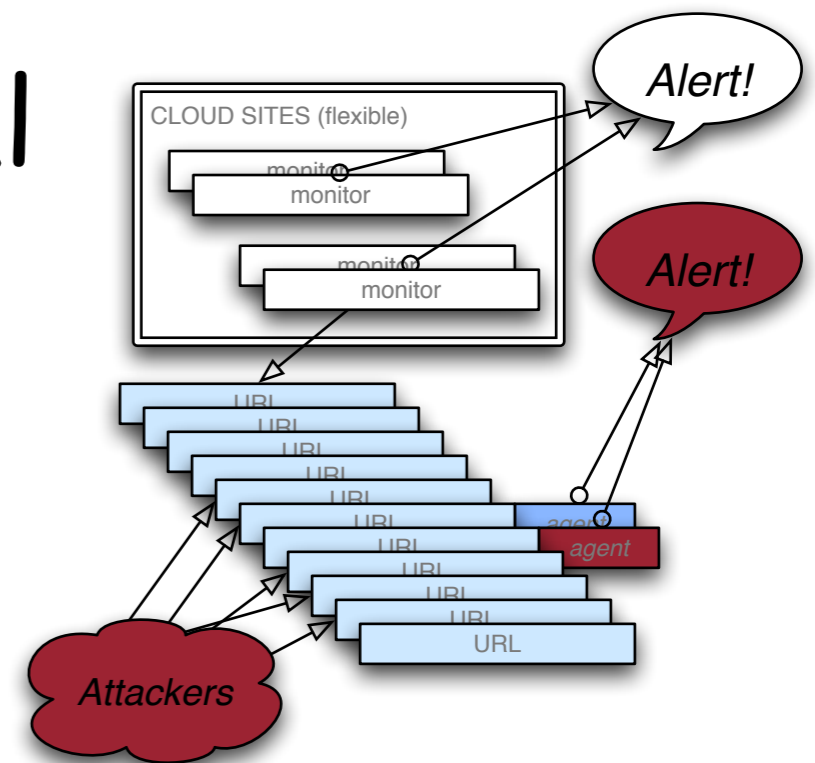
- External Monitoring/alerting
 - "Cloud" high-capacity, flexible, scalable
 - Stealthy and evasive (moves if attacked)
 - URL-based (see from "customer's" viewpoint)





- Internal Monitoring/alerting

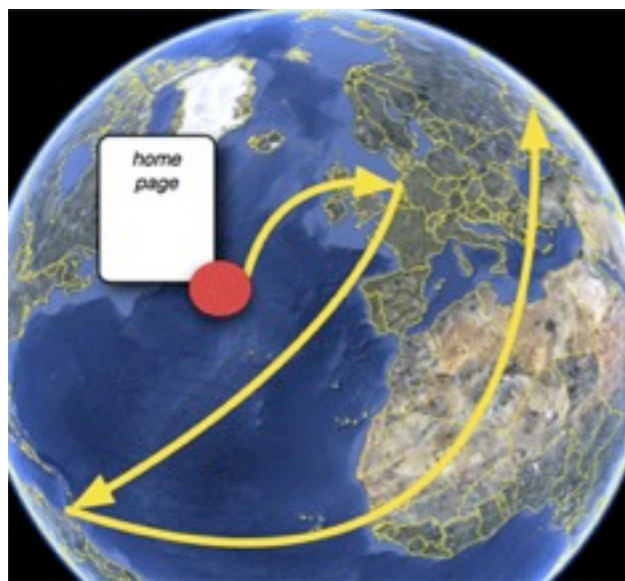
- "Agent" runs on vulnerable server
- Adaptive, incremental
- See from the "hacker's viewpoint"
- Watches code + data
- Can also clean up!





- > Free Speech is critical to peace and well-being
- > NGOs give critical support for free speech worldwide
- > Cyberattacks threaten these NGOs
- > We monitor NGO websites 24/7
- > ...using sophisticated detection methods

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- > ...and alert security teams within minutes of an attack or compromised service

Better and faster detection makes a safer online environment

