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SafeBreach

Operationalize the MITRE ATT&CK Framework with Breach Attack Simulation (BAS)

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AGENDA

- Introductions
- What is the Reality of Enterprise Security?
- What is Breach Attack Simulation (BAS)?
- How do Enterprises Best Leverage Breach Attack Simulation?
- What is the Architecture of SafeBreach?
- Demo
- Q&A

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What are you seeing in the marketplace as it relates to attacks?

Reality of enterprise security

97%
of breaches are at companies which have already deployed the right controls

99%
of attacks are known and have been for years

95%
of firewall breaches are due to misconfiguration

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What is Breach Attack Simulation?

Simulate attacks

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Safely and continuously run thousands of known threat indicators and attack behaviors to validate and improve your security controls.


Content: 18,000+ Methods


Tactics, Techniques and Procedures


Malware Types


Custom Build Attacks


Threat Groups

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How do Enterprises best leverage Breach Attack Simulation?

Breach Attack Simulation

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Mitigate

- Remediate issues
- Track your progress
- Report back and make the case

Simulate Attacks

- Cloud, network, endpoint, email
- Infiltration, lateral movement, host level, exfiltration
- Any US-CERT, any emerging threat with 48 hours SLA

Prioritize Results

- Associate with overall risk
- Visualize attack path
- Filter and target critical issues for actionable results

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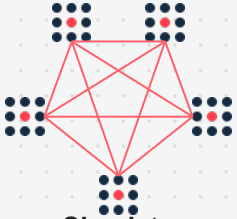
What is the Architecture of SafeBreach?

SafeBreach Deployment Options

Management Console



Simulators

SaaS

Fully managed and continuously updated
Based on AWS infrastructure

Virtual Appliance

Supports VMware ESX 5.x, 6.x, XenServer 6.5 SP1
Managed by customer, connected or disconnected

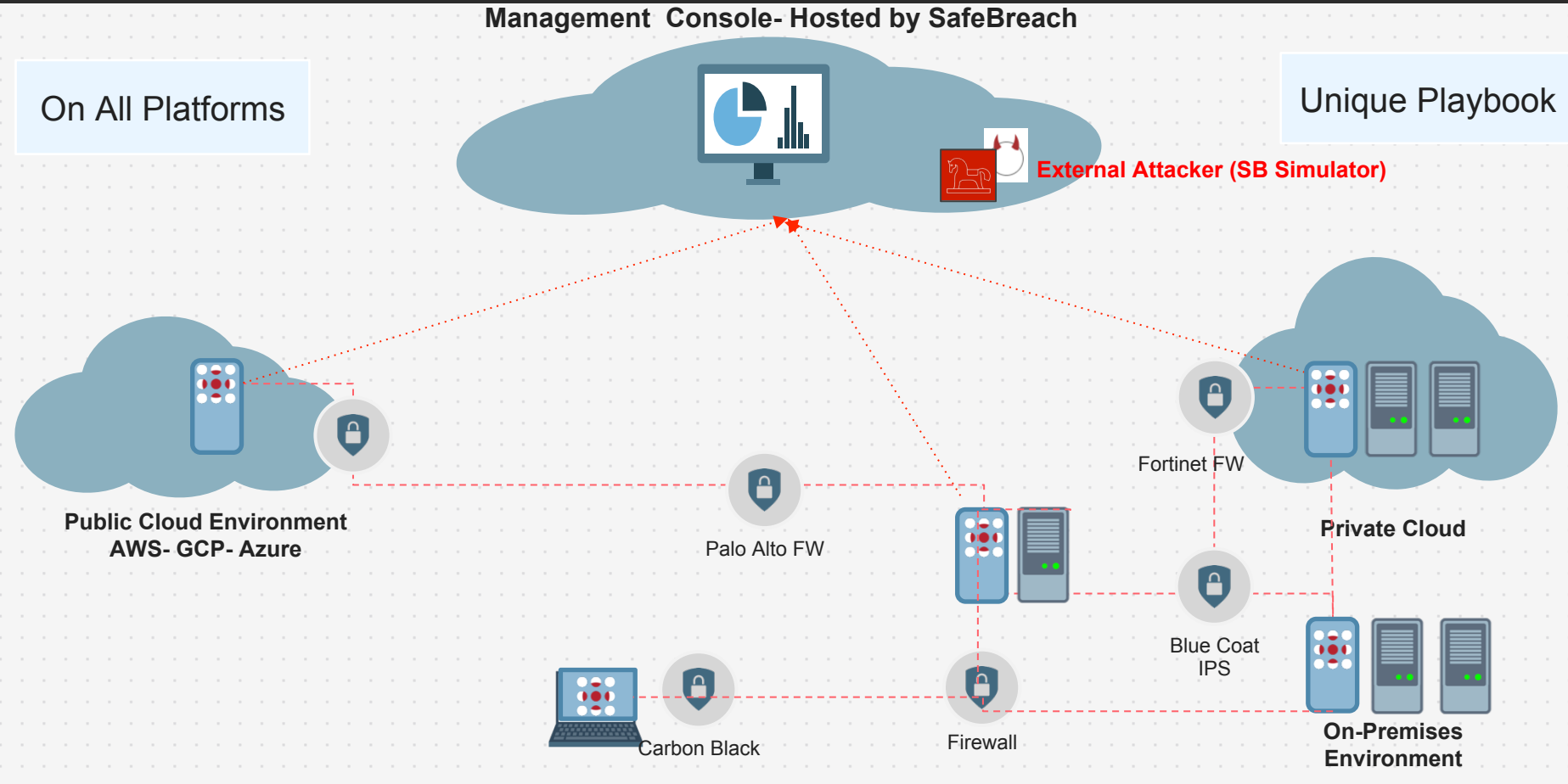
Software Agent

Supports all major Windows, Mac and Linux OS
Supports network and host level simulations

Virtual Appliance

Supports VMware ESX 5.x, 6.x, XenServer 6.5 SP1,
Amazon EC2 AMI (64-bit)
Supports network simulations

SafeBreach Deployment



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Automated & Continuous

Breach & Attack Simulation

Continuous validation
of security posture

Making data-driven decisions

Shortening the exposure time
and reducing the attack surface

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DEMO

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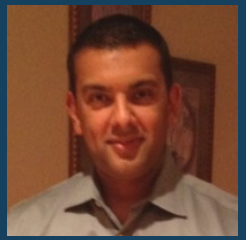

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Q & A

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