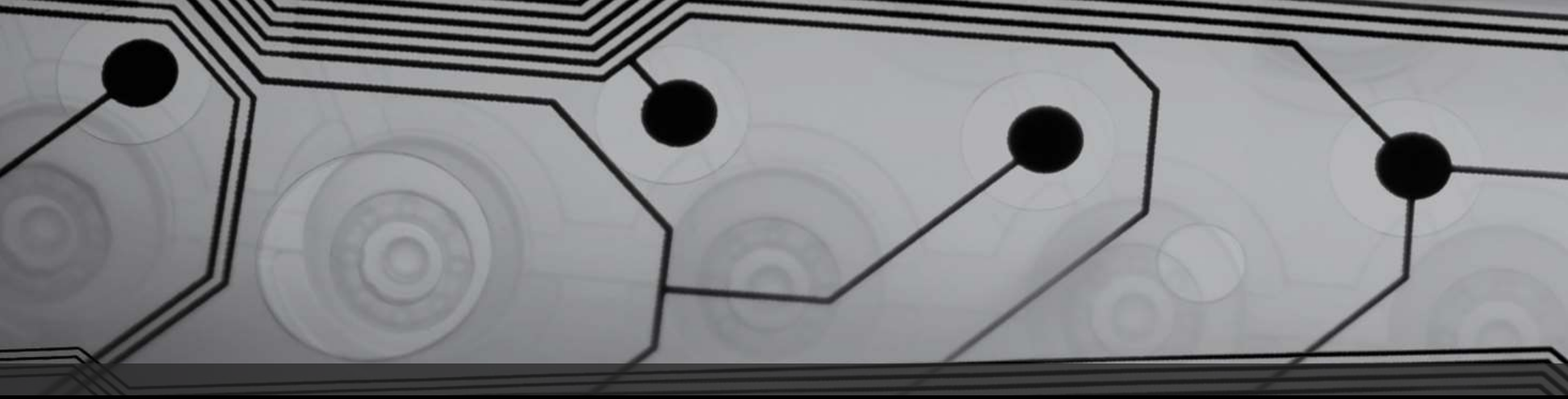
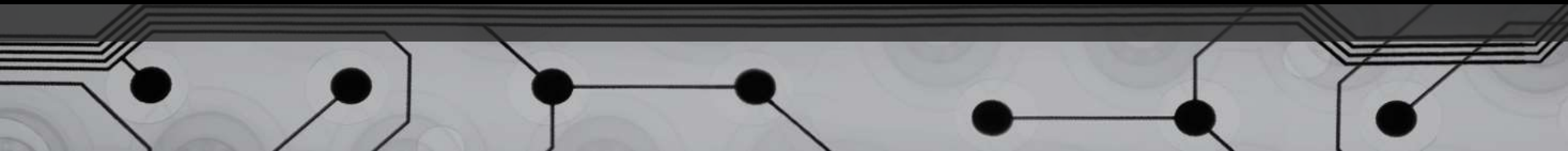


Attacker Cryptonite, How To Threat Model Your Way To A Good Night’s Sleep

Lockdown 2017



Why This Talk

Story

Extraordinary Security Comes From Within

Allows For Security Enablement

I Want You To Sleep

Problem Statement

Your work prioritization is almost always determined by forces outside of your control

Vulnerabilities

Have Become FUD

Lead To Poor Security Practices

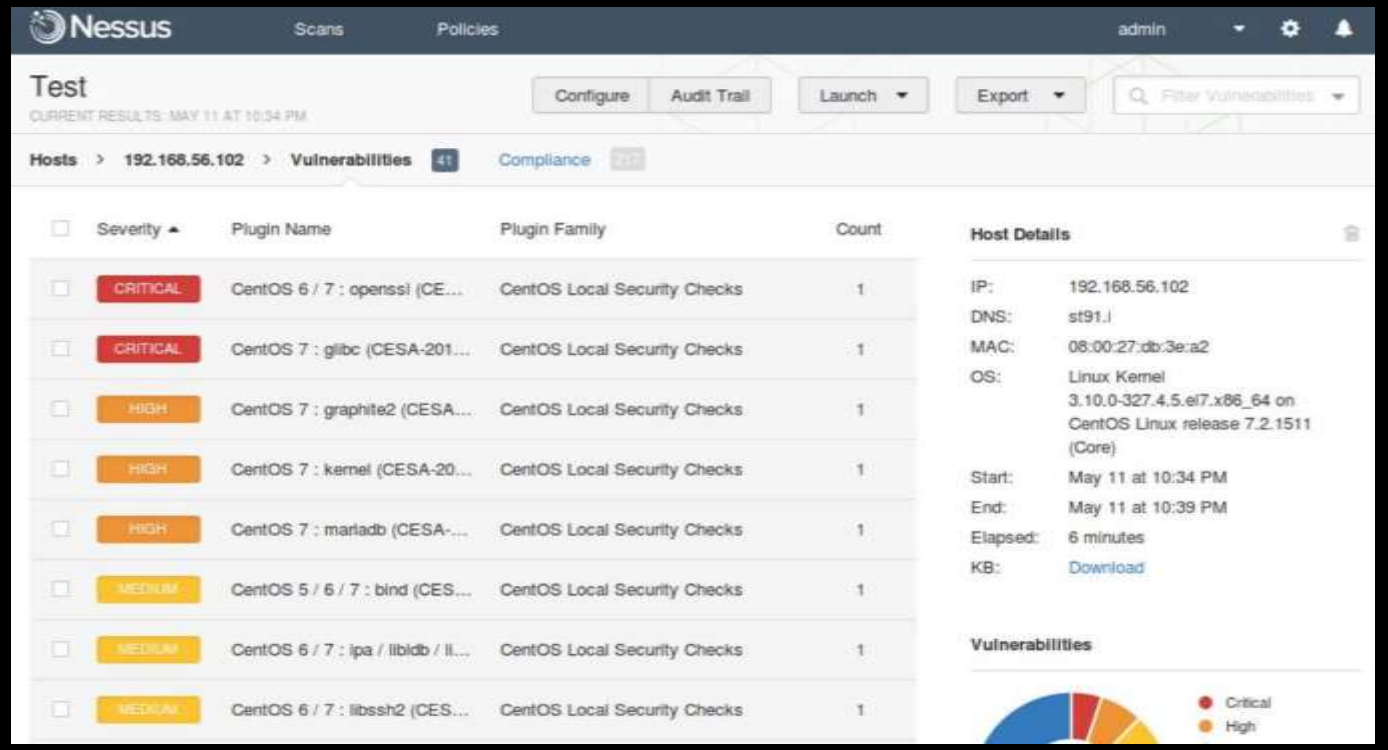
Hurt Business Relationships

Money Makers

Vulnerabilities (Continued)

They Are Not Org Specific

Attempts To Score Vulnerabilities For Severity Are Disconnected From The Reality of Exploiting Them



What Do You Look At?

"When you Change The Way You Look At Things, what You Look At Changes"

-Wayne Dyer

Threat Modeling Step 1

Document, don’t create

Network Topology?

Threat Modeling Step 2

Clearly Define All of Your Security Controls Across Your Organization

Don’t Forget things like AD and External MSSPs

Threat Modeling Step 3

Map Your Network Topology To Your Security Controls and Identify Easy Gaps

Adopt A Framework

“If Someone Is Earning 25k a year it is not because they want to it is because they are not aware of how to earn 50k” – Bob Proctor

Attackers Do Why Don’t Defenders?

MITRE ATT&CK Framework

Lets Do Some Math

Network Topology + Security Controls + Framework + Central Logging = Success

Blue Team Ethos

Complete Ownership

This is YOUR Environment Not the Attackers

It's Not About Good Security It's About Having Frustrating Security

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