

# Paradigm Shift

*The changing security ground on which we stand*

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Most of what we've  
been doing have  
become “table  
stakes”



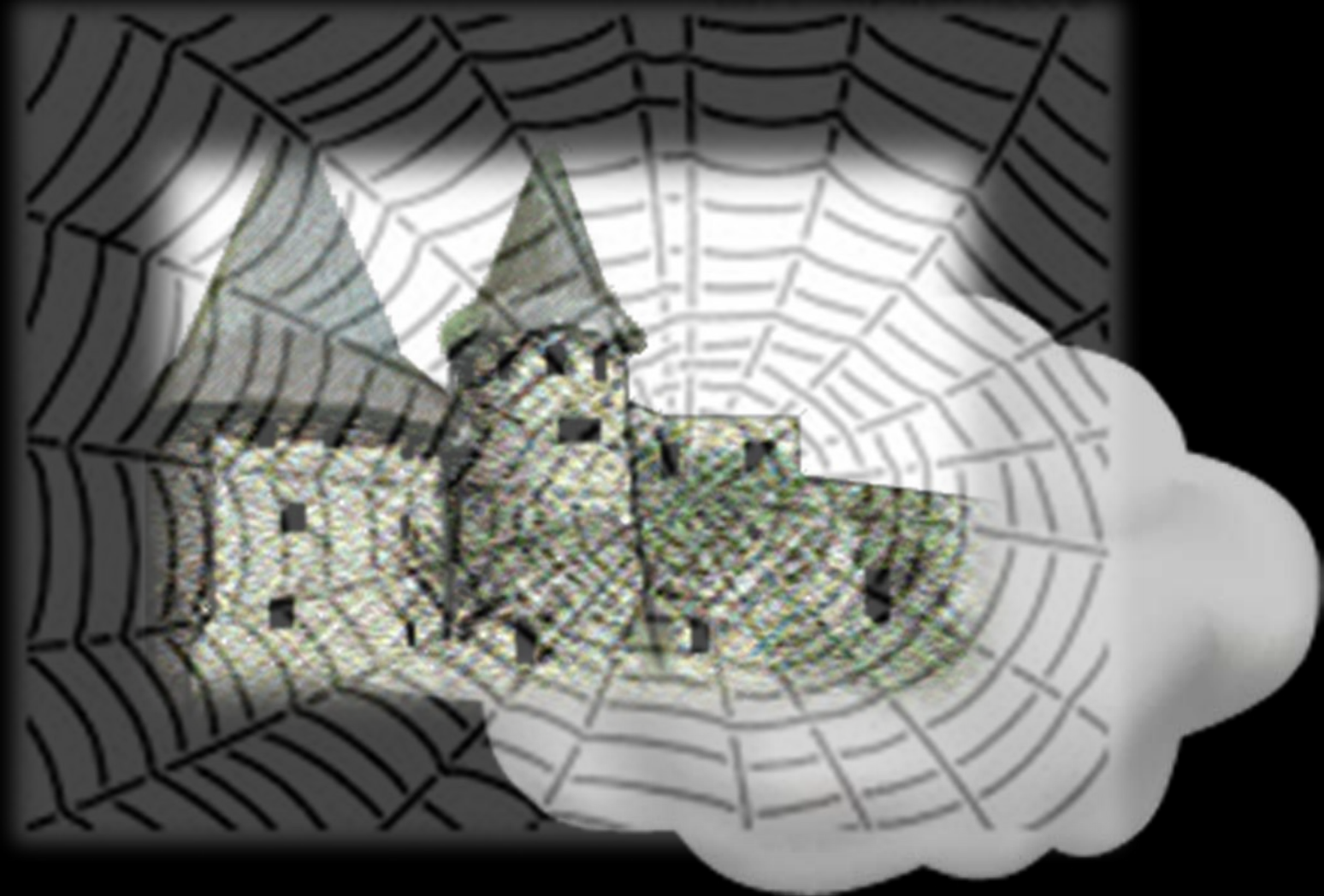
# If “No!” is Your Default

Red flag indicators of old paradigm

- Risk is “bad”; avoid risk
- “air-gap” is the best solution
- Crazy quilt security technologies
  - Micro focus on individual technologies
- Security is not the developer’s job
- Faith in “castle wall” network
- Lack of business participation



# Interconnected



# The **Shift** Has Occurred

## Key drivers

- Social graph, “Social Media”
- Any device, any where
- Workforce and platform mobility
- Business eco-system:
  - cross-connected with high dependence
- Cloud computing, “XaaS”,
  - implies large scale multi-tenancy
- ...

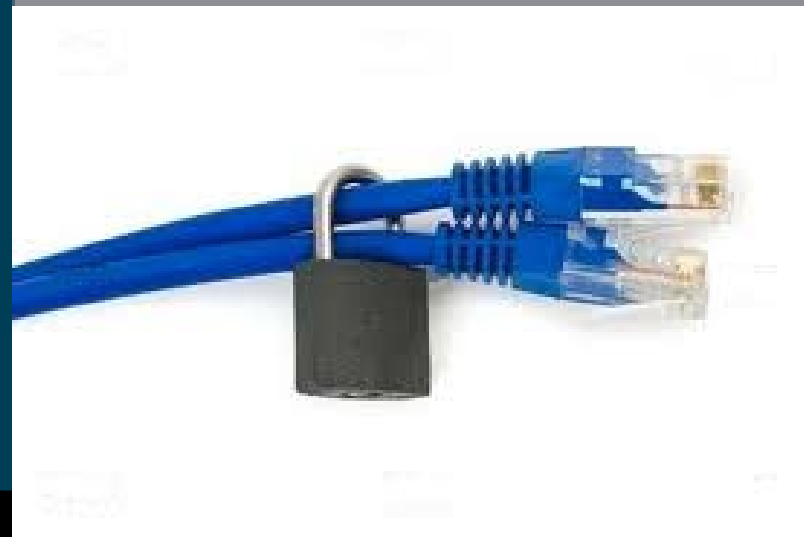


*Vendors continue to claim “security solved” via each point solution*

Make it secure,  
Number One



# Data container: the promise of Data Rights Management (DRM)



- Sorry, vendors; there are key pieces missing.
  - Cross-organizational identity
  - Cross-platform
  - Ubiquitous
  - Usability

# Think, think, think...



“What to do,  
oh bear of  
little brain?”



# Architect, architect, architect; apply a holistic approach

*No panacea (yet!)*

- Risk practice is foundational
- Controls move up the stack:
  - Identity & logical controls become a security boundary
  - Authorization is a “step” solution
- Virtualize “table stakes” isolation



*Well understood controls applied in new ways*

Point controls applied  
architecturally build  
defense in depth to the  
acceptable risk  
posture



# Embrace It

*The “trees” come together as the security “forest”*

- Look beyond table stakes
- Start with organization goals
  - Help leaders clearly express the risk posture to which security builds
- Each control must be a part of an holistic architecture
- Multi-tenancy:
  - Up the stack
  - Virtualized control provisioning





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