

CLOUD WORKFLOWS: ACHIEVING STUDIO-GRADE SECURITY

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know thy enemy

we do.



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How to Achieve Studio-Grade Security?

1) Obtain Stakeholder Buy-In

2) Build Security In

3) Validate



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How to Achieve Studio-Grade Security?

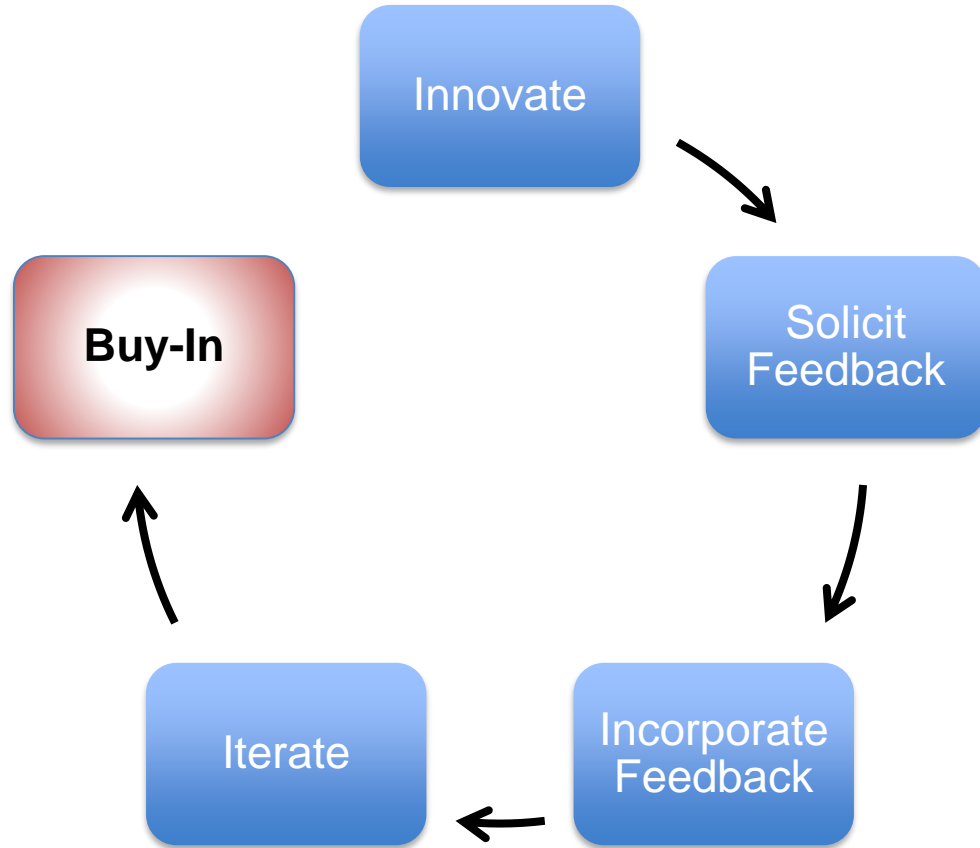
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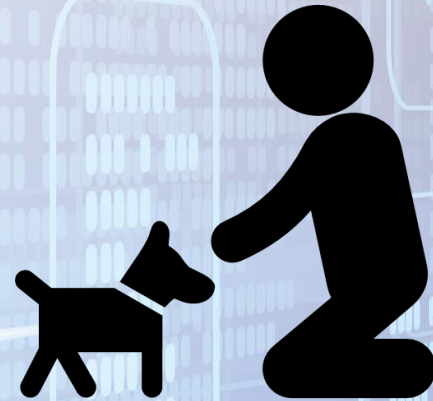


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Security Models



Threat Model



Trust Model



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Secure Design Principles

- Defense in Depth
- Least Privilege
- Privilege Separation
- Trust Reluctance
- Open Design
- Economy of Mechanism
- Complete Mediation
- Least Common Mechanism
- Psychological Acceptability
- Fail Secure



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Methodology



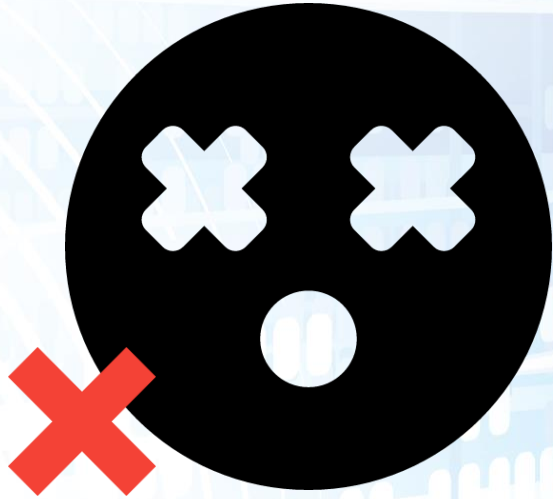
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Methodology



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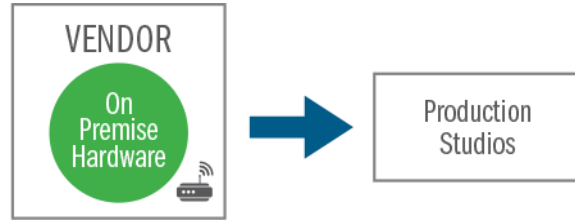
Methodology



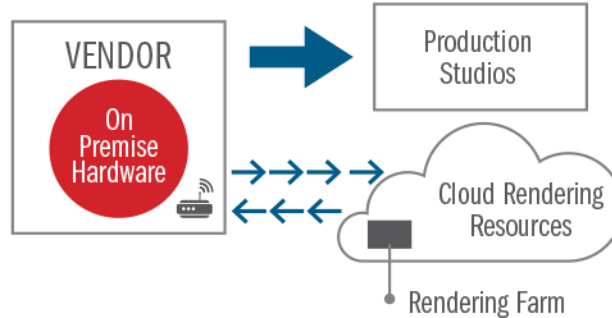
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Configuration Matters

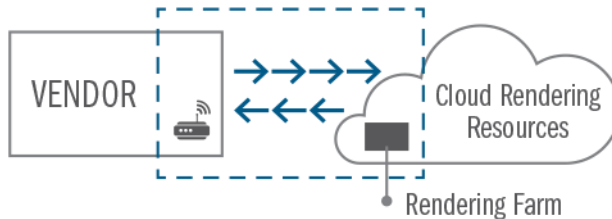
NORMAL
WORKLOADS
Rendering handled locally



HIGH DEMAND
WORKLOADS
Rendering handled off-site



BURST
CONFIGURATION
ASSESSMENT
PROGRAM



Takeaways

- Understand the objective
- Build security in
- **Think like an attacker!**



THANK YOU!!



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