AWS re:Invent

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Secure your AWS environment with built-in Zero Trust patterns

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Agenda

What is Zero Trust?

Why is Zero Trust important?

Design pattern 1: Limit traffic flows

Design pattern 2: Secure data access

Design pattern 3: Administrative access

Design pattern 4: End-user access

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Expectations/rules of engagement

- This is a chalk talk, so don’t hesitate to ask questions!
- Since this is a 300-level chalk talk, we assume an associate level of solutions architect knowledge of Amazon Web Services (AWS) – AWS services, Amazon VPC, multi-VPC networking, and application architectures
- We’ll be available after the session to answer any additional questions and discuss further

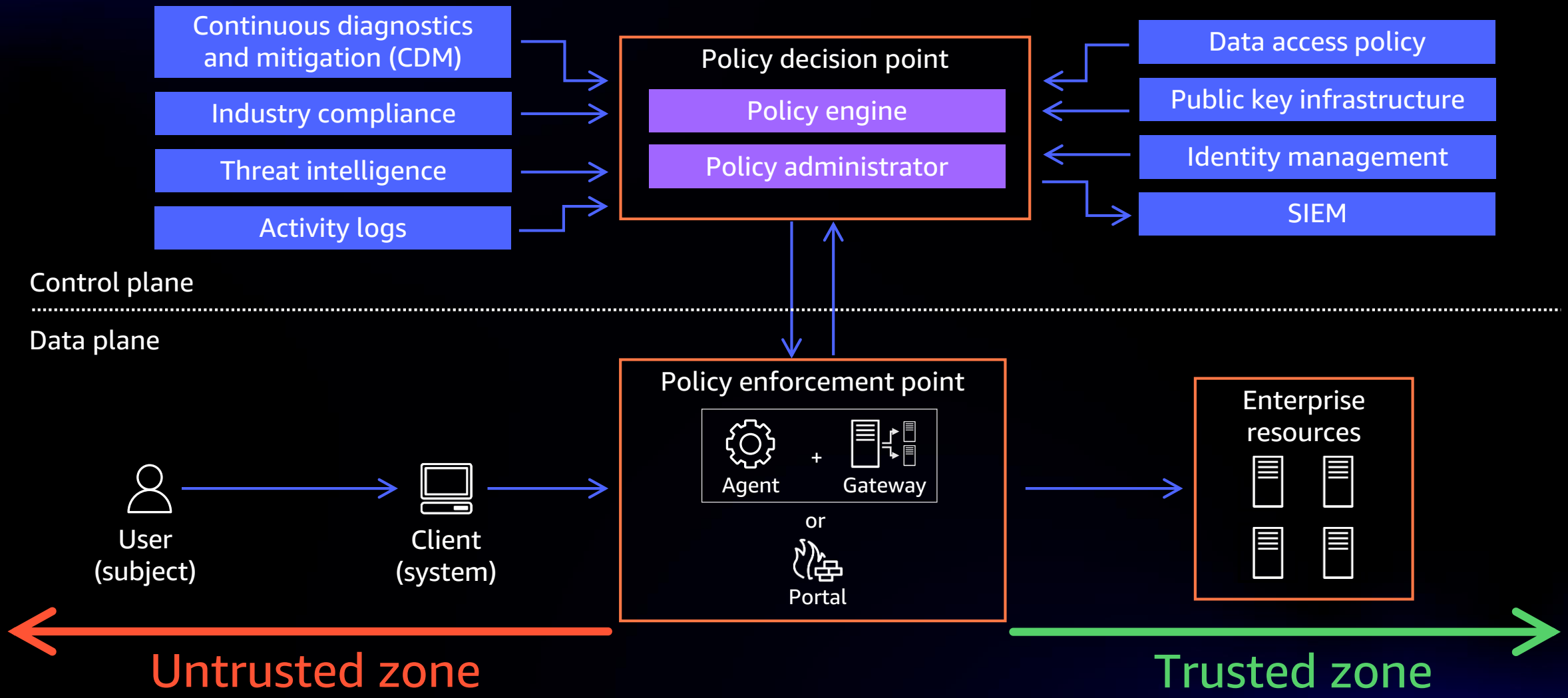
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Common definition of Zero Trust

A conceptual security model and associated set of mechanisms that focus on providing security controls around digital assets that do not solely or fundamentally depend on traditional network controls or network perimeters

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NIST components of Zero Trust



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Tenets of Zero Trust

1 Work backward from specific use cases

2 Zero Trust is a security model, not a product

3 Apply where the effort is commensurate with the value

4 The easiest path to secure is no path at all

5 Easy onboarding for services drives faster adoption

6 When security delivers mission value, everyone wins

aws

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Thank you!

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