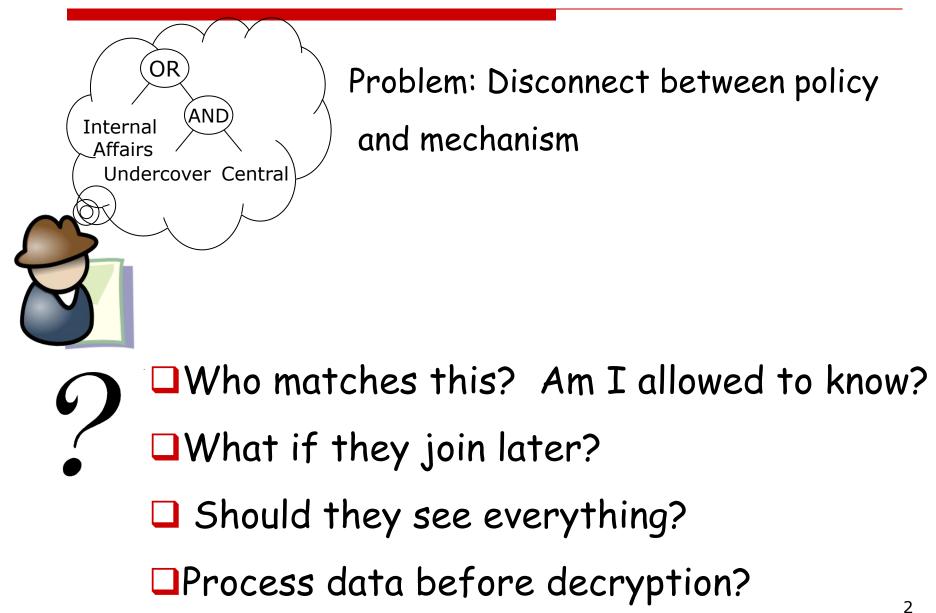
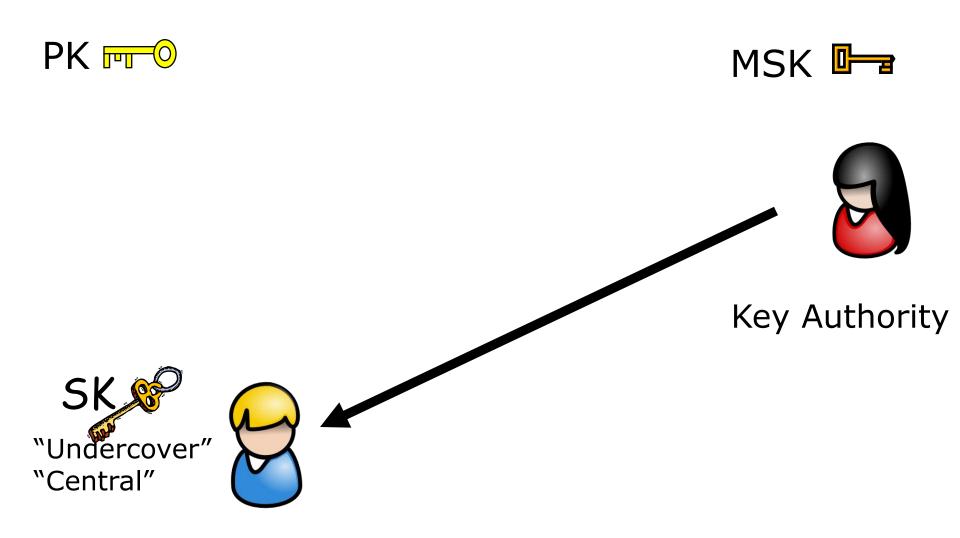
Adaptive Security in Attribute-Based Encryption

Allison Lewko Amit Sahai Brent Waters

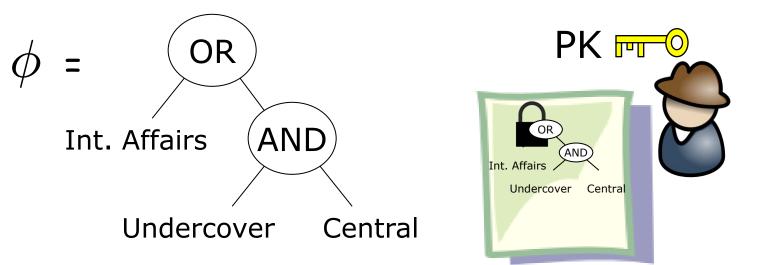
Rethinking Encryption



Attribute-Based Encryption [SW05]



Attribute-Based Encryption [SW05]





Results

Prior: Selective Security

Declare challenge CT before seeing PK

New: Full/Adaptive Security

- Dual System Encryption W09
- + New Techniques

Thank you