

Avoiding Obfuscation in Applications of Obfuscation

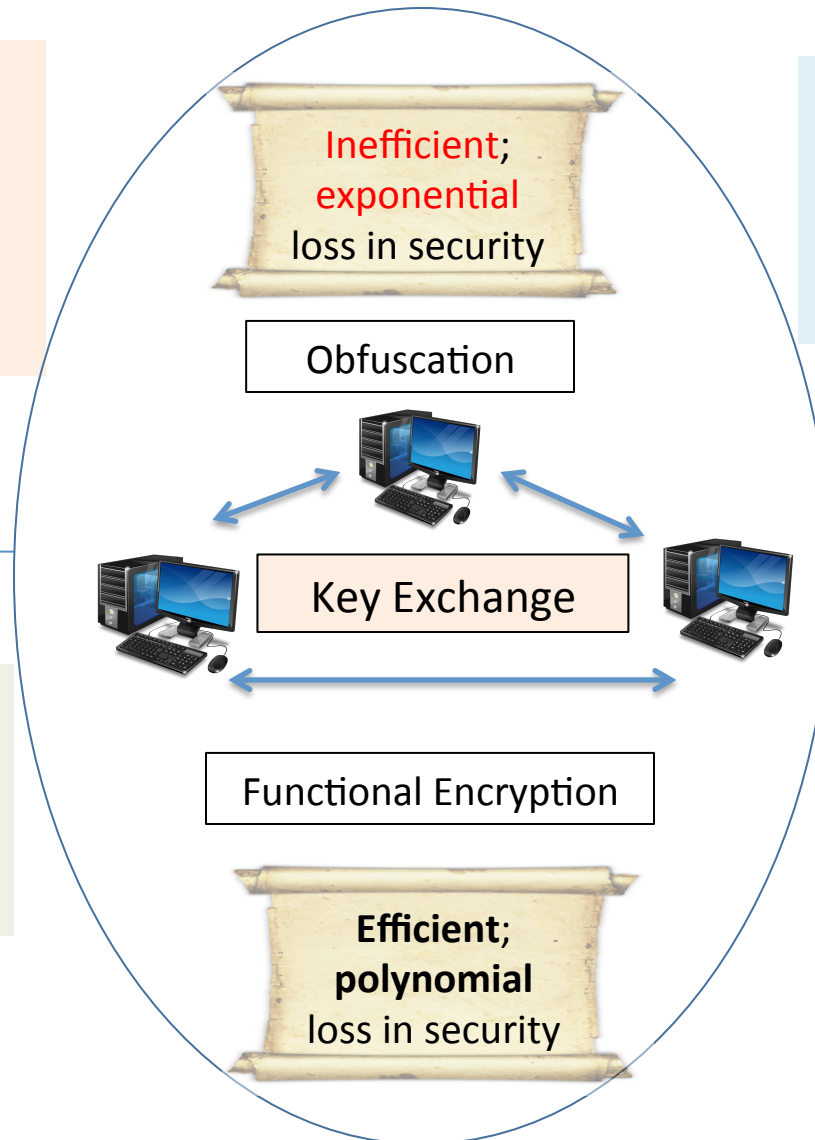
Challenge:

- iO has an inherent *exponential* flavor.
- Applications of iO incur an **exponential** loss in security

Solution:

- **Toolkit** for realizing iO applications from Functional Encryption.

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Scientific Impact:

- Efficient solutions to many applications of iO.
- Development of a *new research direction*

Broader Impact:

- New graduate classes on cryptography and secure computation with lecture notes