

# Tor

## The Second-Generation Onion Router

Alexander Færøy

The Camp 2017

July 24, 2017

# Outline

History

The Network

Cryptography

Onion Services

Testing and Simulation

History

# The Network

Authorities

Relays

# Directory Caches

Guards



# Bridges

Clients

# Cryptography

TLS

TAP and NTor

Legacy :- (

# Post-quantum Cryptography

# Onion Services



Current "hidden services".

SRV

# Next-Generation Onion Services

# Testing and Simulation

Chutney

Shadow

Questions?