Awareness
Capabilities
Signatures
Dark Web Definition

• The collection of networks, sites, and data within anonymous P2P networks including small, friend to friend P2P networks, as well as large, popular networks like Tor, I2P, and Freenet – often residing on hidden services within these networks

• The technologies associated with these P2P networks
Anonymous P2P Networks is our preferred term

- Encompasses a variety of technologies and platforms
- Purposefully designed to enhance anonymity
- May or may not be connected to the Internet

- A world-wide social and technological movement of significant scale and depth
Key Enablers

- “Maker” Culture
- Cryptography
- P2P Technologies
- Open Source Software
- Networking Technologies
- Blockchain Technology (Transparent Distributed Ledger)
Driving Forces

Every time an institution fails in its trusted role (or is perceived as such) the community reacts
• Roads are value neutral – so are networks and technologies
• There are legitimate free speech and censorship issues addressed by this technology
• But it has great potential for abuse
Examples: More than you probably thought existed
Overlay Networks

P2P

VPS MARKETPLACE

i2P

TOR VOIP

Stay Private

Open Bazaar

IPFS

FreedomBox

ZeroNet

OneSwarm

Privacy preserving peer-to-peer data sharing

The Freenet Project
Mesh Networks

goTenna

RECLAIM YOUR PHONE

libremes

maxtech networks

MESHNETWORKING.ORG

olsrd

an ad hoc wireless mesh routing daemon

freifunk.net

OLSR

CJDNS

INSIDER THREAT MITIGATION

insiderthreatmitigation.org
BattleMesh v11 was in Berlin from May 7-13, 2018. The 15th Anniversary of the Event
Mitigation

- Awareness
- Capabilities
- Signatures

Would you know if there was one extra WiFi at your site?

Are you aware of the signatures for the use of these technologies?