



Trusted CI: The NSF Cybersecurity Center of Excellence

What is Cyberinfrastructure (CI)?

Cybersecurity Transition to Practice (TTP)

Cybersecurity TTP Success Stories



Zeek History

1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018



*About 20 publications
presenting related research*



*15 more ICSI
publications presenting
related research*

Initial Bro versions are
addressing an operational
need at LBNL

Basic research at ICSI
drives continuous innovation



NSF funds tech-transfer
through Bro Center
at ICSI and NCSA



⋮
*Domain experts revamp the user interface
Engineers improve code base & documentation
Outreach focuses on community building*

⋮
*Security teams are looking
for new solutions:*

Operational deployment in large-scale open-science networks

Deployments
become pervasive

Trusted CI TTP Playbook

TTP Technical Readiness Level (TRL) Assessment Tool

TRL Explained

TTP adaptations from the source material: definitions

TRL Worksheet: Subsystems and Components

TTP TRL Worksheet Example: Web Interface Subsystem

TTP Canvas - Template

1 Research problem

TTP Canvas - Filled in for ASSERT

1 Research problem

NSF TTP Programs

NSF Cybersecurity Summit

Trusted CI Partners

<https://trustedci.org/partners>

Monthly Webinars

Staying Connected with Trusted CI

Acknowledgments

