



CENTER FOR TRUSTWORTHY  
SCIENTIFIC CYBERINFRASTRUCTURE  
The NSF Cybersecurity Center of Excellence

# Center for Trustworthy Scientific Cyberinfrastructure

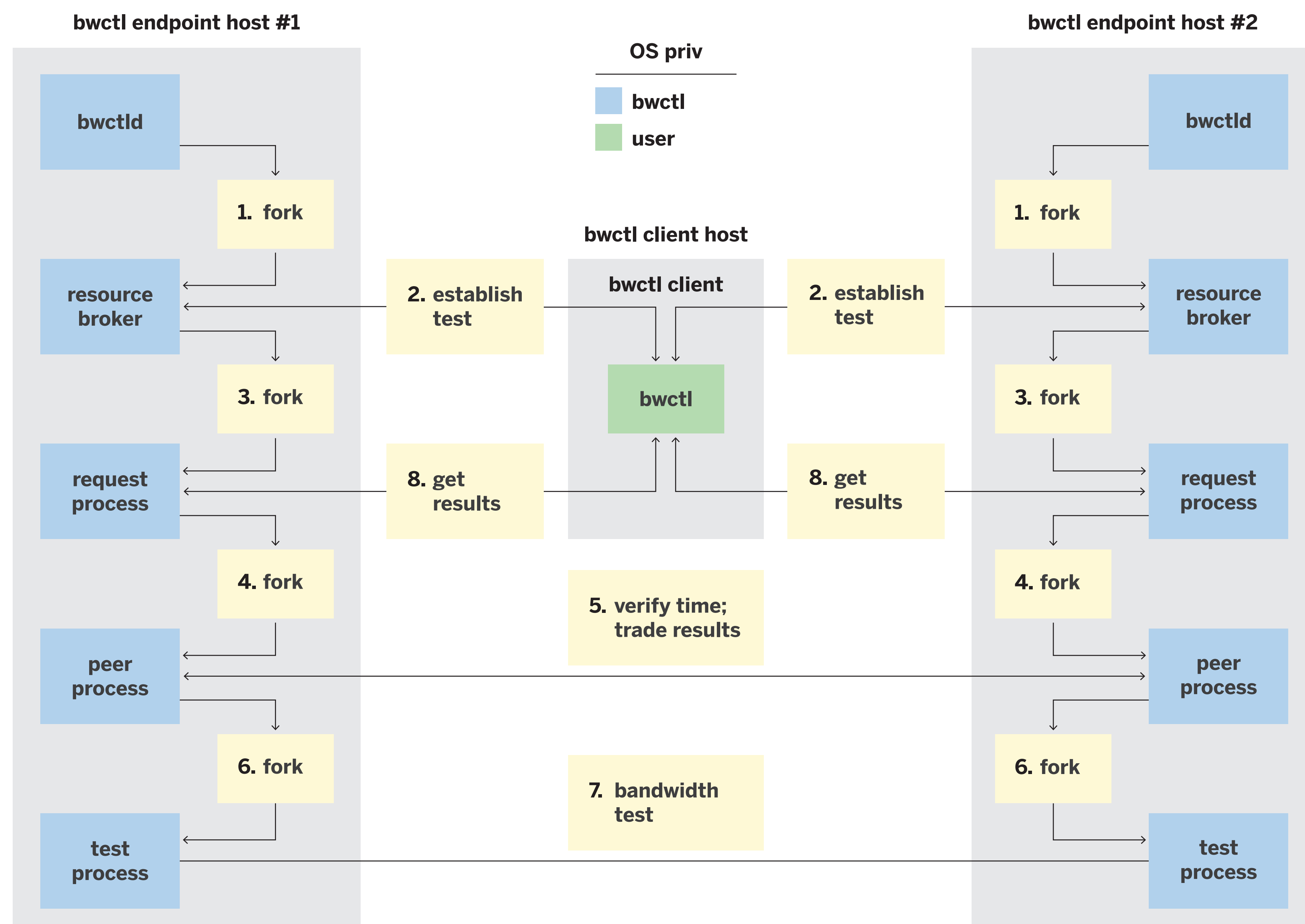
## The NSF Cybersecurity Center of Excellence

### ABOUT US

Our mission, as the NSF Cybersecurity Center of Excellence, is to improve the cybersecurity of National Science Foundation (NSF) science and engineering projects, allowing those projects to focus on their research endeavors. We accomplish this through:

- One-on-one engagements to address specific challenges
- Education, outreach, and training to improve security practice across the scientific enterprise
- Leadership in implementing the best and most relevant cybersecurity research

We ensure NSF cyberinfrastructure (CI) projects get the guidance they need—from quick questions to ongoing collaboration—regarding cybersecurity challenges.



Above: Some FPVA results for a CTSC-perfSONAR engagement

### PREVIOUS ENGAGEMENTS

- **SciGaP** (focus: authentication and authorization for multi-tenant services)
- **Pegasus workflow management system** (focus: managing and delegating credentials)
- **Globus** (focus: data sharing)
- **IBEIS** (focus: single sign-on and role-based access control)
- **perfSONAR** (focus: vulnerability management and code review)

**How to get help:** Email [ask@trustedci.org](mailto:ask@trustedci.org) (please identify which NSF project your query relates to), or submit our web-based contact form at [trustedci.org](https://trustedci.org)

### OUR SOFTWARE DEVELOPMENT SERVICES

- **Training:** We are focused on providing practical cybersecurity guidance—including sessions at Supercomputing, XSEDE (now PEARC), and the NSF Summit—in the context of scientific research
- **Science gateways:** We advise on the security challenges of science gateways, and the incubator program for gateway developers, in partnership with the Science Gateways Community Institute
- **Software assessment:** We provide asset-focused, analyst-driven First Principles Vulnerability Assessment (FPVA)
- **Software assurance:** We provide guidance on using security testing tools, including open source and freely available resources like the Software Assurance Marketplace (SWAMP)

### KEEP IN TOUCH

**Website:** [trustedci.org](https://trustedci.org)

**Email:** [info@trustedci.org](mailto:info@trustedci.org)

**Twitter:** @TrustedCI

**Blog:** [blog.trustedci.org](https://blog.trustedci.org)

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