



EPOC

Engagement and Performance Operations Center



Award #1826994

Newsletter | July 2020

A Note from the PIs



Welcome to the first newsletter for the [Engagement and Performance Operations Center \(EPOC\)](#), a production platform for operations, applied training, monitoring, and research and education support, jointly led by Indiana University (IU) and the [Energy Sciences Network \(ESnet\)](#). By considering the full end-to-end data movement pipeline, EPOC is uniquely able to support collaborative science, allowing researchers to make the most effective use of shared data, computing, and storage resources to accelerate the discovery process.

We will be sharing these newsletters once or twice a month to give updates on our activities, share examples of the work we're doing at a national scale, and to let you know about upcoming talks or events we're participating with.

Upcoming Talks and Events (EPOC and others)

- 10 July 2020, 2pm EDT: Pete Siemsen, NCAR & FRGP, "BCP38", [CI Engineering Brownbag talk](#)
- 17 July 2020, 2pm EDT: Fatema Bannat Wala, ESnet, "Zeek2: DHCP Profiling", [CI Engineering Brownbag talk](#)
- 20 July 2020, 11am EDT: Doug Southworth, Indiana University EPOC, "Whose line is it anyway? - Problem solving in complex networks", [Trusted CI Webinar](#)
- 24 July 2020, 2pm EDT: Edward Colone, University of Michigan, perfSONAR Deployment technologies (Small nodes and

Please feel free to give us feedback about what you'd like to see in these newsletters here in our [feedback form](#).

Thanks!

-Jennifer Schopf, Jason Zurawski, and Dave Jent

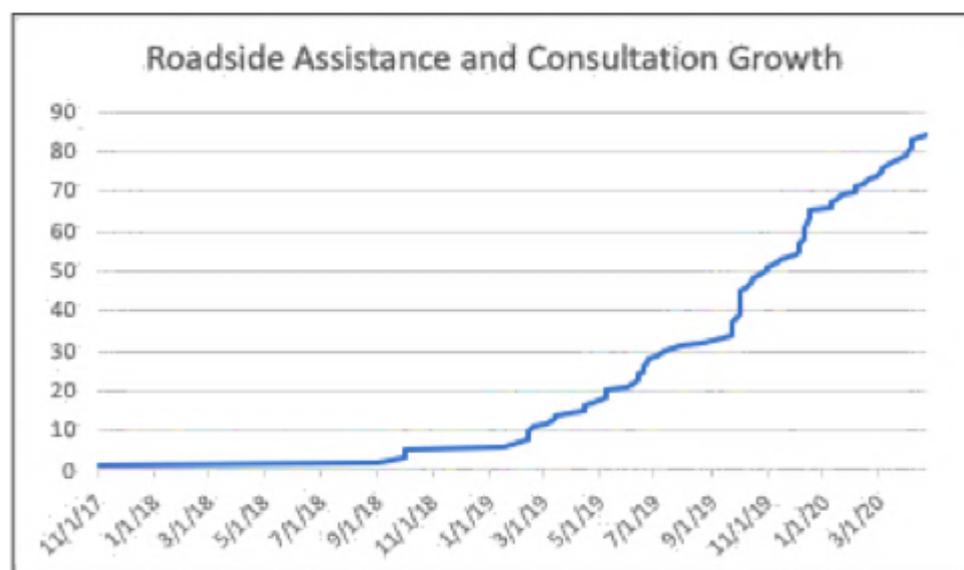
Roadside Assistance and Consultations



A key aspect of the EPOC project is the operations center and process pipeline for immediate help, referred to as Roadside Assistance and Consulting. The Roadside Assistance and Consulting approach helps collaborators when data sharing failures occur, since these almost always involve multiple

domains and organizations. It also is a source for advice and feedback to campus and regional network engineers when updating or designing a network.

Roadside Assistance and Consultations rose from averaging one a month in the first 5 months to an average of six a month over the last 5 months, less than two years later. Over the last 24 months, there have been 95 cases opened, which included work with 86 different institutions in 33 states (including 15 EPSCoR jurisdictions), of which less than half were related to project partners.



More information about the Roadside Assistance and Consulting process is available at: [EPOC Roadside Assistance](#).

EPOC and Trusted CI

[Trusted CI](#): The NSF Cybersecurity Center of Excellence supports cybersecurity for NSF funded projects, and is one of EPOC's Infrastructure Partners, enabling us to leverage their support offered and to expand the set of services available to the broader community. Over the last year, we have worked with Trusted CI to support several Consultations, including offering guidance on building HIPAA compliant Science DMZ and how to support data controlled by the Federal Information Security Management Act (FISMA) or regulated by the Defense Federal Acquisition Regulation Supplement (DFARS)

Embedded Systems)", [CI Engineering Brownbag talk](#)

- 27-31 July 2020: [PEARC'20 Virtual Conference](#)

- 31 July 2020, 2pm EDT: Edward Colone, University of Michigan, "Performance monitoring WiFi with perfSONAR", [CI Engineering Brownbag talk](#)

guidelines.

On July 20, EPOC staff member Doug Southworth will be giving a talk as part of the Trusted CI Webinar series entitled “Whose line is it anyway? - Problem solving in complex networks”. For more information about this presentation, please see [Trusted CI Webinar](#).

You are receiving this email because you registered for one of our events or we believe you requested information about our project.

If you would like to unsubscribe please email: epoc@iu.edu.

