

# How to build a tamper-evident CI/CD system



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7:00 PM to 8:30 PM EDT

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## Details

AGENDA:

THU, APR 18 · 7:00 PM EDT

**How to build a tamper-evident CI/CD system**



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Thanks to StackOverflow for sponsoring Food/Drinks & venue.

## TALK DESCRIPTION:

Title: How to build a tamper-evident CI/CD system

CI/CD is critical to any DevOps operation today, but when attackers compromise it, they get to distribute malicious software to millions of unsuspecting users. We present how Datadog used TUF and in-toto to develop, to the best of our knowledge, the industry's first end-to-end verified pipeline that automatically builds integrations for the Datadog agent. That is, even if this pipeline is compromised, users should not be able to install malware. We will show a demonstration of our pipeline in production being used to protect users of the Datadog agent, and describe how you can use TUF + in-toto secure your own pipeline.

## SPEAKER BIO:

Trishank Karthik Kuppusamy is a security engineer at Datadog, Inc. Previously, he led the research and development of The Update Framework (TUF) and Uptane at the NYU Tandon School of Engineering. He is also a member of the IEEE-ISTO Uptane standardization alliance, and an Editor of in-toto Enhancements.

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**Adarsh S.** 2,219 days ago

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The correct link for the presentation is below. Sorry about confusion.

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**Adarsh S.** 2,220 days ago

...

Thanks to Trishank for a great talk yesterday & to everyone who showed up. You can find yesterday's deck here: [https://drive.google.com/open?id=14uFaLlyJrOCAkPAr5FwHc\\_yASEZqu0e](https://drive.google.com/open?id=14uFaLlyJrOCAkPAr5FwHc_yASEZqu0e). We will publish next months talk soon.

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**Anthony C.** 2,221 days ago

...

Will the presentation be recorded?

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**Adarsh S.** 2,221 days ago

...

Unfortunately nope but we will look at sharing the deck.

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