



**Improving the World's Ability
to Deliver Software with
Security & Speed**

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CDF Overview



Continuous Delivery Foundation



Linux



Continuous Delivery Foundation



The Continuous Delivery Foundation is an open source community improving the world's ability to deliver software with security and speed

Purpose of the CDF

The Continuous Delivery Foundation (CDF) exists to:

Establish best practices

of software delivery automation, from the standpoints of people, processes and technology.

Propel the education and adoption of Continuous Delivery tools

throughout industries across the globe for both traditional and modern architecture.

Facilitate cross-pollination

across emerging technologies in order to improve the world's capacity to progress software updates with security and speed.



CDF Members

Premier



CloudBees.



Google Cloud



Red Hat

End User



JPMORGAN
CHASE & CO.



NGINX[®]

Part of F5



CD.FOUNDATION

General



ASPEN MESH



circleci



cloudsmith



codefresh



dynatrace



env0



harness



Octopus
Deploy



OpsMx

ORACLE

OZONE

PRISMA CLOUD



prodvana



puppet



SAP[®]



shippa



snyk



spacelift



STACKHAWK



sumo logic



sysdig



tenable



testkube



WhiteSource

Projects, SIGs and Technical Initiatives



CDF Projects



Special Interest Groups

Best Practices



Interoperability



Events



Software Supply Chain



MLOps



Interoperability

Foster tool interoperability
within CD ecosystem by cross
community and cross industry
collaboration



Jenkins



Software Supply Chain

Collaborate and contribute to overall effort on improving state of software supply chain from CD perspective by taking a practice oriented approach

CDF Software Supply Chain SIG

Quick links

- [CDF Software Supply Chain SIG](#)
 - [Quick links](#)
 - [Overview](#)
 - [Members](#)
 - [New Members](#)
 - [Governance](#)
 - [SIG Workstreams](#)
 - [Communication](#)
 - [Meetings](#)

Overview

Recent attacks highlighted the importance of and the need to collaborate on addressing challenges with the Software Supply Chain. Governments, standards developing organizations, and communities have started focusing on this topic to improve the situation and publishing new announcements, guidelines, and directives. It is imperative to take actions to ensure security, integrity, and compliance of the Software Supply Chain which includes all source code which is incorporated into an artifact, irrespective of whether it is open source or proprietary software. Additionally, the systems involved in getting software from developers' IDEs into the hands of end-users, such as SCM and CI/CD systems, must also be subject to the same level of scrutiny.

One key consideration to take into account while working with Software Supply Chain is CI/CD. There are many parts of the software lifecycle that need attention and the focus of this SIG is the CI/CD in order to avoid overlaps and contribute to other initiatives aiming to improve the security posture for the products and production systems from CI/CD perspective.

Reference Architecture

The CDF Reference Architecture is intended to help you get up to speed with all the fundamental concepts and challenges that you are likely to encounter within the Continuous Delivery space

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As you will have seen in the Best Practices guide, Continuous Delivery is a commercial methodology that is predicated upon a specific organizational culture. To realize the benefits of the methodology within an existing entity, it will almost certainly be necessary to impose some level of organizational change. In this section, we will look at some of the challenges you are likely to encounter on this journey and introduce key concepts that will help you to make the right decisions when pursuing the adoption of Continuous Delivery.

Best Practices

A community-driven knowledgebase to capture and share the various best practices that have been acquired over the years

The screenshot shows the homepage of the CD.BEST PRACTICES website. At the top, there is a blue header bar with the logo 'cd BEST PRACTICES' on the left and navigation links 'About', 'Learn', 'Community', and 'Resources' on the right. Below the header is a large orange section containing the title 'Continuous Delivery Best Practices' in white. A blue 'Learn More' button is positioned below the title. A descriptive text block follows, stating: 'Learn about how best practices for continuous delivery can help you to develop, build, and deliver software faster, more reliably, and more securely.' The main content area is divided into three sections: 'Assess', 'Learn', and 'Community'. Each section has an icon, a title, a brief description, and a 'Read more ...' link. The 'Assess' section features a bar chart icon, the 'Learn' section features a book icon, and the 'Community' section features a people icon.

cd BEST PRACTICES

About Learn Community Resources

Continuous Delivery Best Practices

[Learn More](#)

Learn about how best practices for continuous delivery can help you to develop, build, and deliver software faster, more reliably, and more securely.

Assess

Assess your current state and identify changes to prioritize.

[Read more ...](#)

Learn

Learn about continuous delivery best practices.

[Read more ...](#)

Community

Explore the ways community members implement best practices.

[Read more ...](#)

CDEvents and Software Supply Chain

Artifact
Management

Policy
Enforcement

Incident
Response

Continuous
Security Testing

Secure
Deployment

Anomaly
Detection

Outreach Initiatives

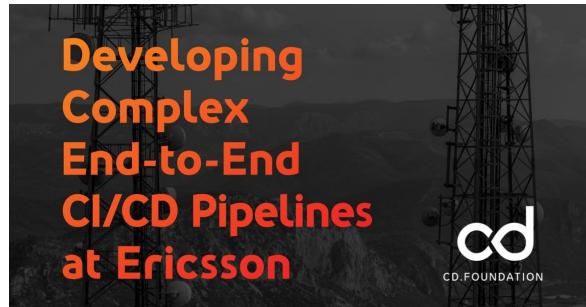


Publications and Series

Reports and Whitepapers



User Stories



Series



cdCon + GitOpsCon

cdCon + GitOpsCon Announcement

Significant Project Momentum
cd CD.FOUNDATION



The Next Evolution in CI/CD Technology



((d))
cd
events
Whitepaper



STATE OF CONTINUOUS DELIVERY REPORT

The Evolution of Software Delivery Performance

Created by
cd CD.FOUNDATION

MAY 2023

Community Awards 2023 Winners
cd CD.FOUNDATION



Jobs Board
cd CD.FOUNDATION

End User Council



End User Council

CDF End User Council provides the opportunity for end-user organizations to have context-rich discussions on how various organizations pursue their modernization efforts in the most effective way.



How to Join



Join the Community



About [Community](#) Technology Resources News & Events [Become a Member](#)



Join the Community

Contribute to open source

We welcome anyone to get involved and contribute to our technical and development communities at any time. CDF communities are organized around open source projects and special interest areas. The [CDF Technical Oversight Committee \(TOC\)](#) facilitates communication and collaboration among the different groups, so if you are not sure where to start, [join the TOC mailing list](#).

[Join CD.Foundation Slack](#)

[Community Calendar](#)

CDF Special Interest Groups

Interoperability SIG

Join the conversation around driving for better tool interoperability in the ecosystem.

[Learn More](#)

Events SIG

Join the community working towards standardizing events in continuous delivery systems.

[Learn More](#)

MLOps SIG

Join the community looking to make machine learning assets first-class citizens in the DevOps workflow.

[Learn More](#)

Best Practices SIG

Help create a living, community-driven knowledge source that captures and distributes the various best practices acquired over the years.

[Learn More](#)

Software Supply Chain SIG

Join this group to take a practice oriented approach to the Software Supply Chain.

[Learn More](#)

Take part in the conversation

Continuous Deliv... ▾

- cacon2023
- # cdevents
- # cdfworkshops
- Dadisi Sanyika
- Emil Bäckmark
- Frank Kelly
- # general
- ⋮ governing-board
- Lori Lorusso
- Oleg Nenashov
- Roxanne Joncas
- ⋮ spinnaker-summit-2023
- Stephen Chin
- Terry Cox
- # toc
- ⋮ Channels
- ⋮ ambassadors
- ⋮ ambassadors-2022
- ⋮ ambassadors-2023
- ⋮ community-builders
- # go-scm
- # hacktoberfest
- # jenkins-x-gsoc-2022
- # outreach-committee
- # presentations
- # pyrsia
- # sig-bestpractices
- # sig-events
- # sig-interoperability
- # sig-mlops
- # sig-software-supply-chain

general ▾ Community-wide announcements and discussions

Roxanne Joncas 9:56 AM
We're hosting a CD Mini Summit again this year! Co-located with OSSummit Europe on Sept 18 from 7:00 am to 12:30 pm.
Apply to be on the Program Committee! Our PC chair this year is @Ger McMahon from Fidelity Investments.
Deadline to apply is May 9, 2023 at 11:59 PM PST.
[Call for Papers will open very soon.]

Thursday, April 27th

1,934

Michelle Martineau 5:06 AM
@here
CDF Community.
The TOC End User Representative election has concluded! Please join me in congratulating our new representatives! Thank you to everyone who participated!

Monday, May 1st

Lori Lorusso 7:41 AM
Congratulations @Dadisi Sanyika & Neil

Questions

References

- CDF Website: <https://cd.foundation/>
- CDF Publications: <https://cd.foundation/publications/>
- CDF Programs: <https://cd.foundation/programs/>
- Join the CDF Community: <https://cd.foundation/community/>
- CDF Slack: [Slack Invite](#)
- CDF Landscape: <https://landscape.cd.foundation/>
- CD Best Practices Website: <https://bestpractices.cd.foundation/>
- CDF GitHub: <https://github.com/cdfoundation>
- CDF Public Calendar: [Google Calendar](#)