Getting Started with Kosli

This 1-day course is designed to give your team a solid foundation in using Kosli for automated Software Delivery Governance. You will learn how to use the Kosli software for verifiable chain-of-custody from code to production, implementing fact-based, automated controls creation.

Is this course for you?

This course is ideal for anyone new to Kosli and Software Delivery Governance.

Target Audience:

- Platform engineers
- DevOps professionals
- Cloud engineers

Objectives & Outcomes (What You'll Get)

Upon completion, participants will be able to:

- Understand and implement key concepts of SDG, such as Controls, Policy Enforcement Points (PEP), and Compliance System of Records (CSoR).
- Successfully track your build and release of software through Flows and Trails.
- Implement and verify Build Controls by attesting artifacts, security scans and test results.
- Implement and evaluate Release Controls in a pipeline, including automatically blocking non-compliant deployments.
- Set up and attach policies to runtime Environments to verify the compliance runtime controls.

Prerequisites

To make the most out of this course, participants should have

- Rudimentary Linux command line skills
- Git bash installed on their machines, or access to github codespaces.
- Basic CI (Gitlab/Github/Bitbucket or the like) knowledge.
- Basic programming knowledge is advised, though not required.
- Access to Github as the learning platform.

Format

Duration: Content designed for a focused engagement over 1 full or 2 half days
Format: Can be delivered Onsite or Online.

Course

Course Structure

This training is structured around key concepts and hands-on exercises:

MODULE	MODULE SECTIONS	LAB EXERCISES
Introduction to SDG	• Introduction to Software Delivery Governance (SDG) • Key Concepts in SDG (Controls, PEP, PDP, System of Record)	• Access / Demo Repos / Pipelines
Flows and Trails	• Flows and Trails (concepts and examples)	• Creating Flows and Trails with the Kosli CLI as well as automating it through CI workflows
Build Controls	• Attestations and Attestation Types, proving Artifact Provenance, SBOMs, Vulnerability Scans	• Implementing Build Controls and Attestations
Release Controls & Compliance	• Release Controls (compound nature) • Flow Template Policy and Compliance Evaluation • Release gateway	• Implementing Release Controls in Your Pipeline
Runtime Controls	• Environments and Snapshots • Recording Environment Changes • Adding Policies and Actions	• Runtime Controls • Identifying non-compliancy in your running software.

Kosli

TRUSTED BY

Deutsche Bank

Book the Getting Started Course with Kosli

Schedule a short scoping call to confirm objectives, participants, and outcomes.

Visit kosli.com/contact