

Shift-Left Security with Kyverno CLI



About Myself

- Suhas Gumma
- SDE at Nirmata working on Enterprise Kyverno
- Developed features for kubescape CLI while interning for ARMO

Shift Left in the Security Paradigm

Addressing Security Concerns earlier in the SDLC



Why Shift-Left ?

Proactive vs Reactive

Instead of addressing threats and vulnerabilities after they are discovered, they are addressed during the design and development stages proactively.



Cost-Effective

Integrated Security

Improved Compliance



How Kyverno made it
easier to shift-left

The background features a dark blue rounded rectangle on the left side, with a light blue rounded rectangle above it. On the right side, there is a large, light blue rounded shape that resembles a stylized arrow or a drop. The text is centered within the dark blue area.

Shifting further left with
Kyverno CLI

Kyverno CLI

Value addon provided by Kyverno CLI

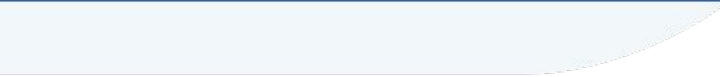
Seamless integration with CI/CD pipelines



Demo

Is it possible to move
"shift-left" even further?





The background features a white background with several overlapping, rounded shapes. On the left, there is a light blue horizontal bar at the top, followed by a larger, dark blue shape that tapers to the right. Below this dark blue shape is a light blue shape that also tapers to the right. On the right side of the image, there is a large, light blue shape that is rounded on the left and tapers to the right, mirroring the shape of the dark blue element.

Kyverno Playground

Using Kyverno CLI locally

Thank You!



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