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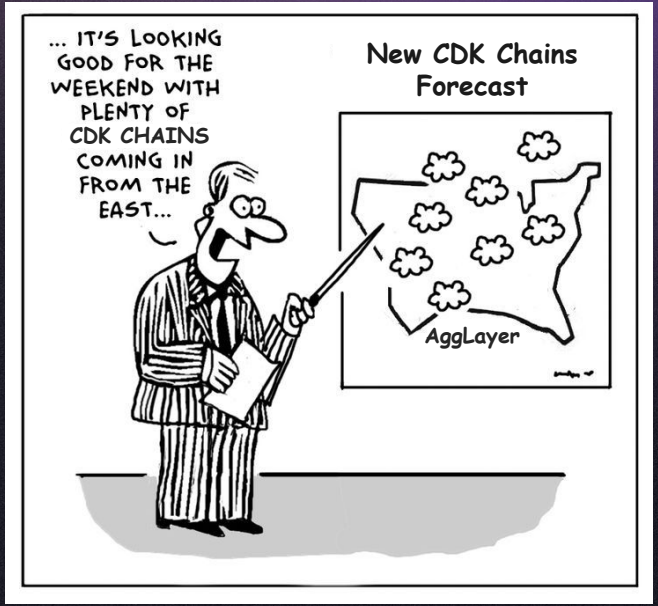

Christopher von Hessert

VP, Security @ Polygon Labs

@cvhessert

Managing security in lightning-fast engineering & product teams

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What's in it

POS

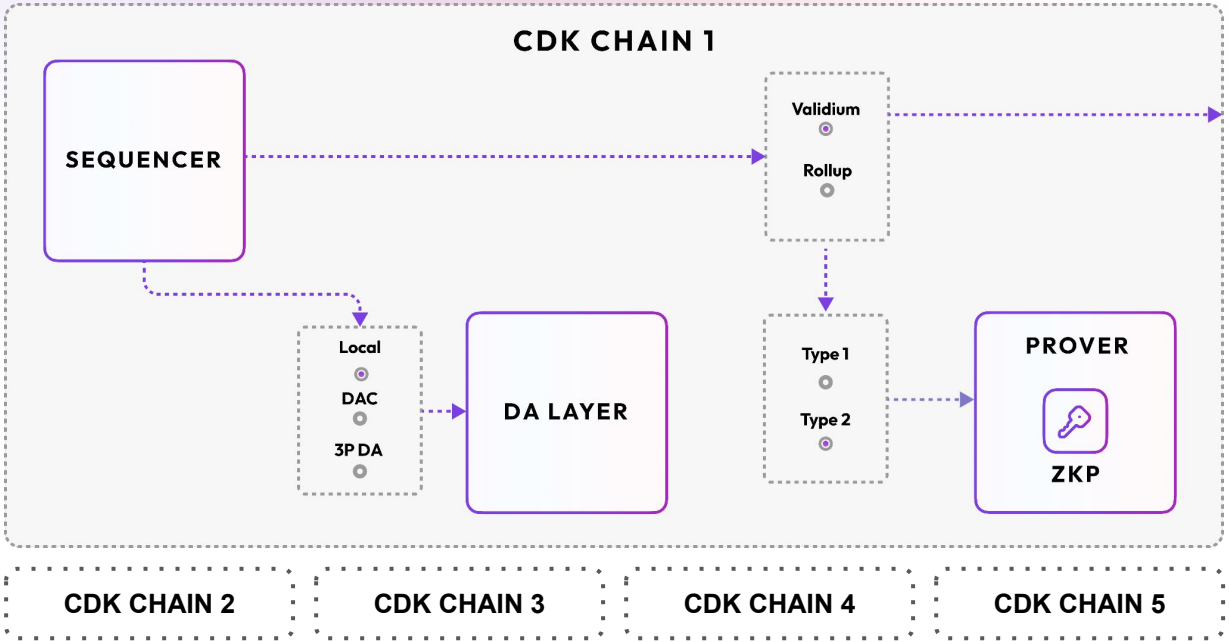
—

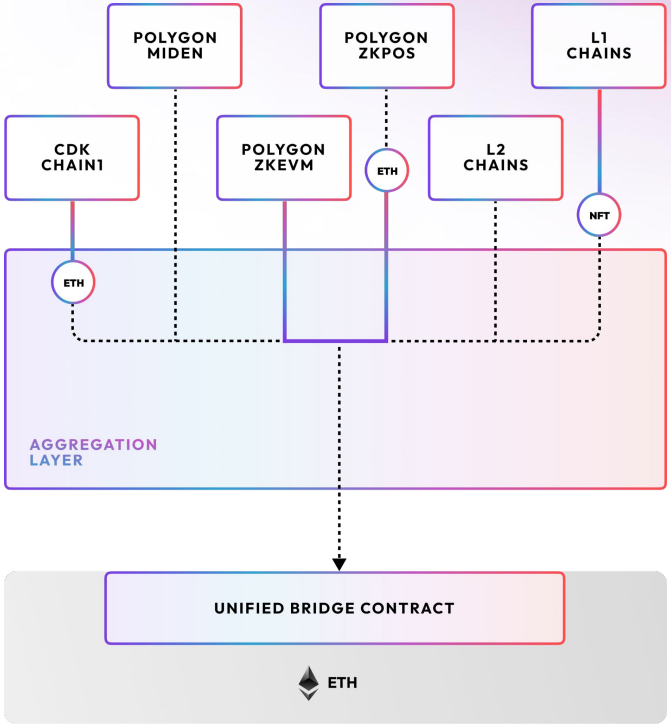
Bor (Go)
Heimdall (Go)
Erigon (Go)
Bridge (Solidity)
Portal (TS)
…

zkEVM

—

Prover (C++)
Sequencer (Go)
Rom (zkasm)
Bridge (Solidity)
…





Shared Responsibility *

Area	Polygon Ecosystem	CDK IP
CDK Chain Infra		X
CDK Chain Network		X
CDK Software	X	
AggLayer	X	
Unified Bridge	X	
Security	X	X

* Information may differ depending on specific CDK builds by IPs

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“The process”

Idea & Design	Development	Testing / QA	Deployment	Live
We get to play devil's advocate	***Don’t worry, we won’t bother you***	***Ok, let’s make sure this is ok***	***“Dress me slowly, I’m in a hurry”***	***We’ll keep a eye on things…***
What if …?	CI Pipeline	Peer Reviews	Rollback Plan	Bug Bounty
-	-	-	-	-
Risk Assessments	Security Scanners	Hardening	Processes	Monitoring
-	-	-	-	-
Threat Modeling	Developer Tools	Internal Testing	Checklists	Incident Response
-	-	-	-	-
Architecture Review	Dependency Checks	External Assessments	Simulations	Security Updates
		-		

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Thank you!

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