

K8sRCA : Kubernetes Root Cause Analysis with LLM

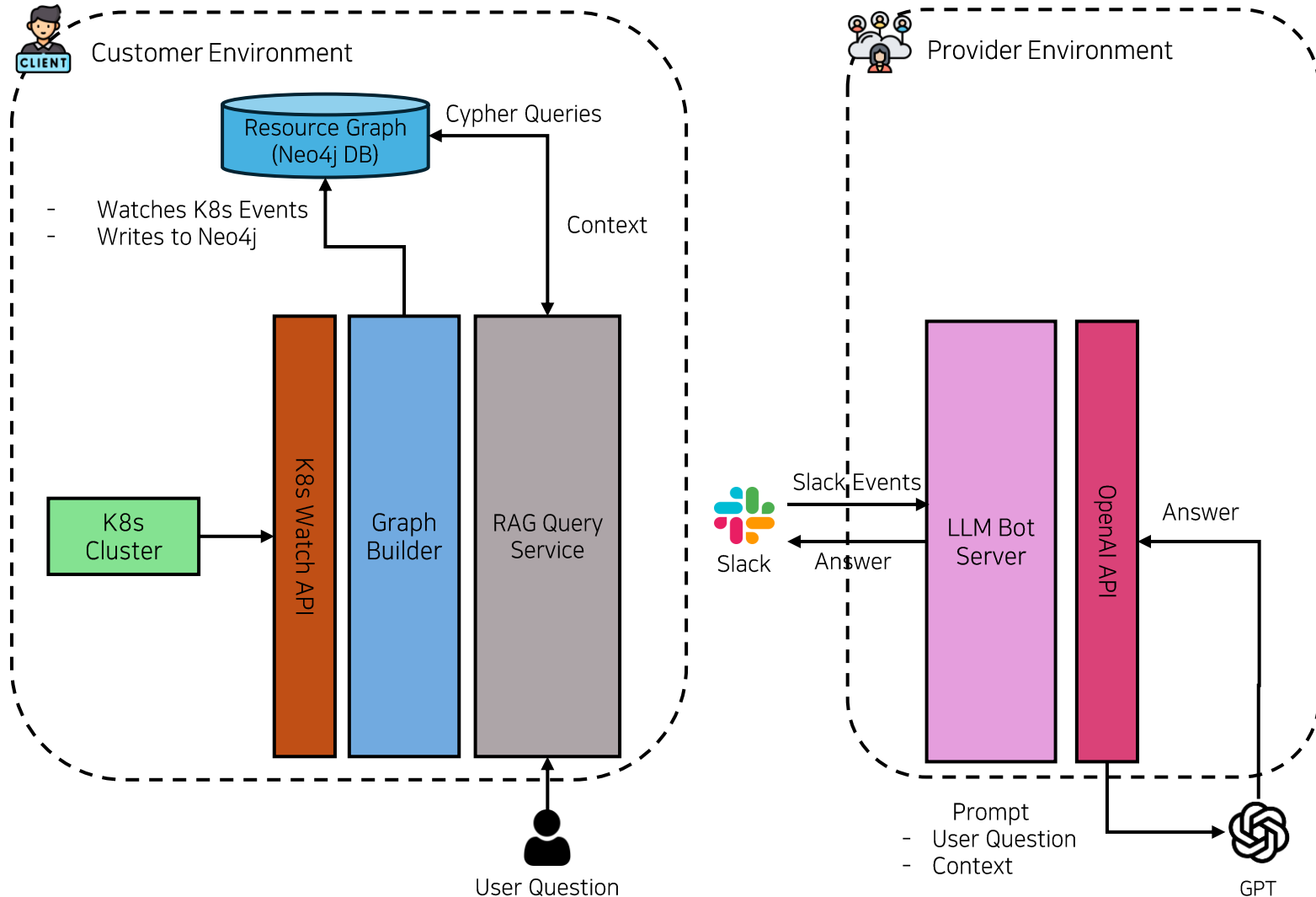
Real-time issue insights from your Kubernetes environment,
delivered intelligently via Slack



Why Root Cause Analysis is Hard in Kubernetes?

- Modern Kubernetes environments are highly dynamic, with constantly interacting components like pods, nodes, namespaces, and services—making it difficult to pinpoint issues.
- Manual log analysis and CLI-based troubleshooting are time-consuming, require expert knowledge, and become inefficient as the system grows more complex.

How It Works



- K8sRCA monitors your Kubernetes cluster using a lightweight Graph Builder that streams resource state changes into a live graph.
- When a user asks a question in Slack, the system extracts relevant context from the graph, sends both the question and context to the LLM, and returns a human-readable response—all in real time.

Key Features



Natural Language Queries

Ask questions in natural language—no YAML, no terminal required



Live Resource Graph

Graph-based representation of your current infrastructure state



LLM-Powered Analysis

Deep reasoning over system context, explained in plain language



Real-Time Answers in Slack

Ask questions and get immediate responses—right inside your team's Slack workspace



Simple, Agentless Setup

Runs with just a kubeconfig - no agents to install, no custom configuration required

What You Gain with K8sRCA?



Reduce time-to-diagnosis from hours to seconds



Troubleshoot without deep Kubernetes expertise



Instantly understand how resources are connected



Prevent downtime with early issue detection



Resolve problems directly in Slack, without switching tools

Ready to Accelerate Kubernetes Troubleshooting?

Start your journey with K8sRCA today.
Request a demo or contact us to learn more.



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“ Get started in minutes ”