Cerberus

A Versatile DLT Monitoring and Alerting System

Webinar Introductory Deck

CryptoBLK

Having a headache of getting a blockchain monitoring tool that offers #advanced performance monitoring, #instant alerting services for both enterprise and open source Blockchain infrastructures, such as #Corda and #Hyperledger fabric?

HYPERLEDGER FABRIC

c•rda

12 apps are monitoring

App 1

App 2

! **Warning**

Server down
0% CPU Usage

Overload detected
98% CPU Usage
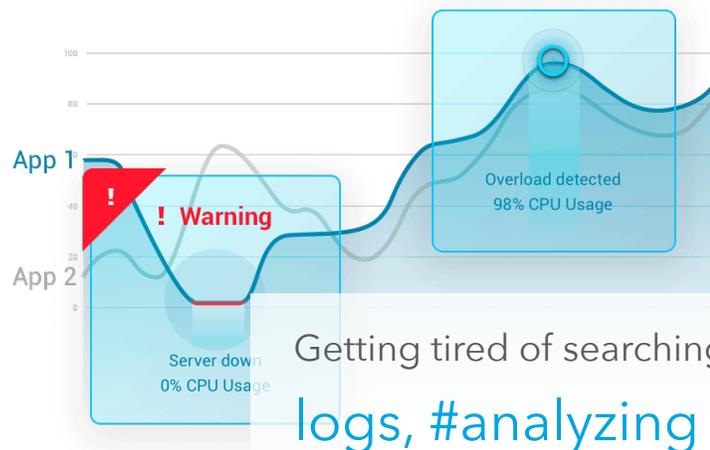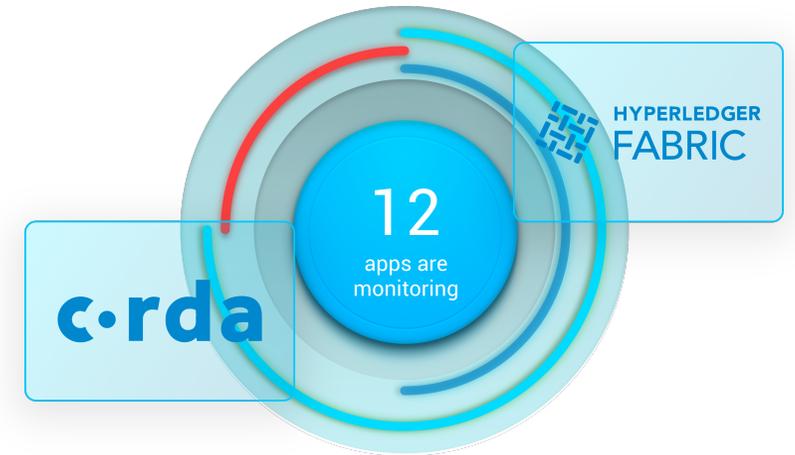
Getting tired of searching the #DLT logs, #analyzing the data and generating #report manually by yourself?

Spending extra time and double efforts to #manage and #monitor the #certificates regarding their renewal and expiration but still have human errors?

! Notary 1
10
days left
expired at 15 Jun 2019

Notary 2
1
year left
expired at 15 Jun 2020

Notary 3
231
days left
expired at 4 Apr 2020

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- Deployed over 5,000 enterprise DLT nodes in the past 24 months.
- Currently running over 200 **nodes (live)** globally.
- Live nodes include on-cloud (AWS, Azure, GCP), and on-premises (private data centers).
- Managing 200+ nodes 24x7.

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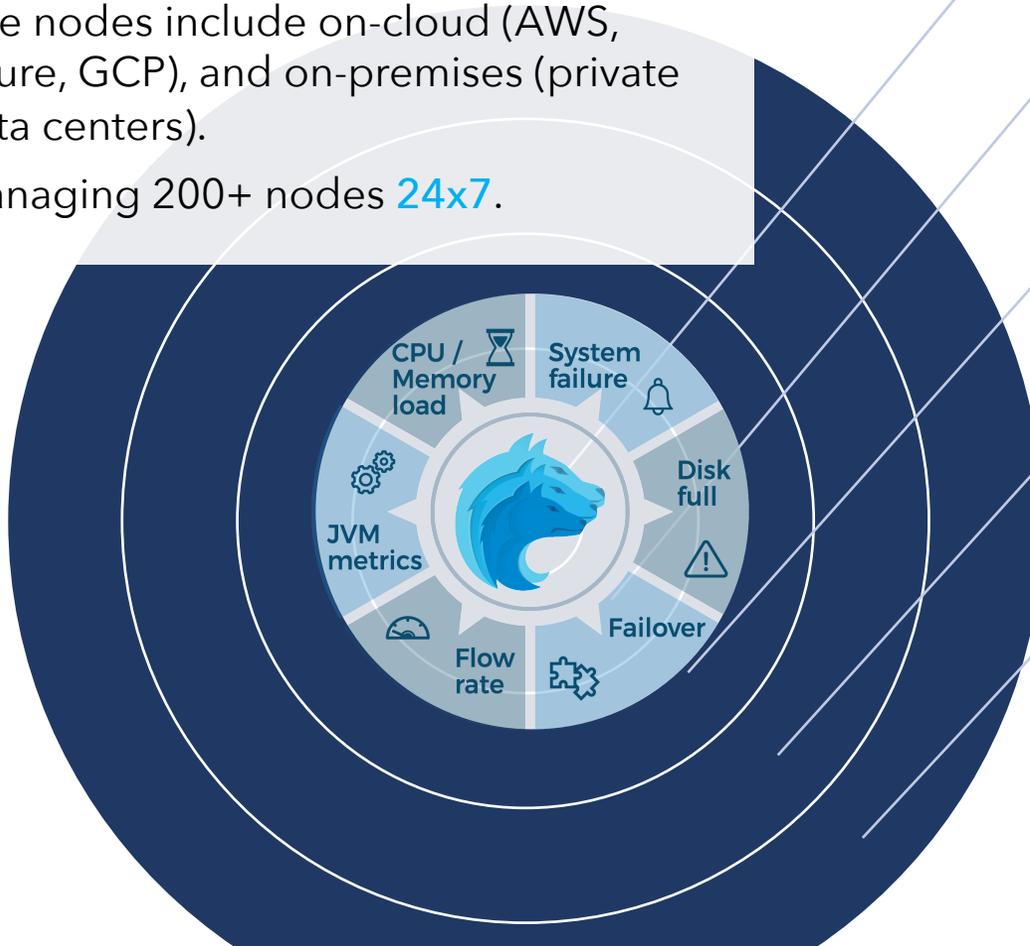
Enterprise Blockchain/DLT monitoring and alerting system

CONTOUR

A Letter-of-Credit Trade Finance DLT platform led by 8 global commercial banks and supported by R3, Bain and CryptoBLK.

INTHANON

Serving as the technical consultant, CryptoBLK is supporting a Central Bank Digital Currency (CBDC) platform in the Inthanon project led by the Bank of Thailand with 8 member banks.

ATLAS

Open Account Trade Finance DLT platform developed and operated by CryptoBLK.

MIDAS

Officially launched in 2018, MIDAS is a DLT-based motor insurance authentication system jointly built by CryptoBLK and Hong Kong Federation of Insurers (a self-regulatory body representing Hong Kong insurers and agents). Users include Hong Kong government's Transport Department, Hong Kong Police Force, all insurance companies and their intermediaries, and over 500,000 car owners.

CPU / Memory load · System failure · Disk full · Failover · Flow rate · JVM metrics

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Apps Usage

from **01:00 - 08:00** on **27 May 2019**

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An enterprise Blockchain / DLT monitoring and alerting system

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- A DevOp's tool for monitoring enterprise Distributed Ledger Technology (DLT, a.k.a. Blockchain) platforms and applications.

- Major enterprise DLT infrastructures supported:
    - R3 Corda, both Enterprise and open source
    - Hyperledger Fabric

- Hosting environments supported:
    - Cloud SaaS (via CryptoBLK)
    - On-premises (e.g. financial institutions' own data centers)

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12 apps are monitoring
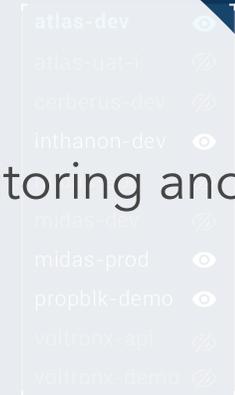
atlas-dev
0 nodes — Down (100.00%)

atlas-uat-i
1 nodes — Down (100.00%)

cerberus-dev
2 nodes — Down (100.00%)

inthanon-dev
0 nodes — Expiry Error Warn

midas-api
1 nodes — Expiry Error Warn

midas-dev
0 nodes — Expiry Error Warn

midas-prod
20 nodes — Expiry Error Warn

voltronx-pilotapos
16 nodes — Expiry Error Warn

voltronx-dev
12 nodes — Expiry Error Warn

voltronx-demo
16 nodes — Nodes all up

voltronx-api
12 nodes — Nodes all up

propblk-demo
0 node — Nodes all up

Application Health

atlas-dev — Down (100.00%)
00:00 02:00 04:00

atlas-uat-i — Some down (0.25%)
00:00 00:30 01:00

cerberus-dev — No data
00:00 02:00 04:00

inthanon-dev — Some down (0.25%)
00:00:00 00:07:30 00:15:00 00:22:30

![CryptoBLK logo]
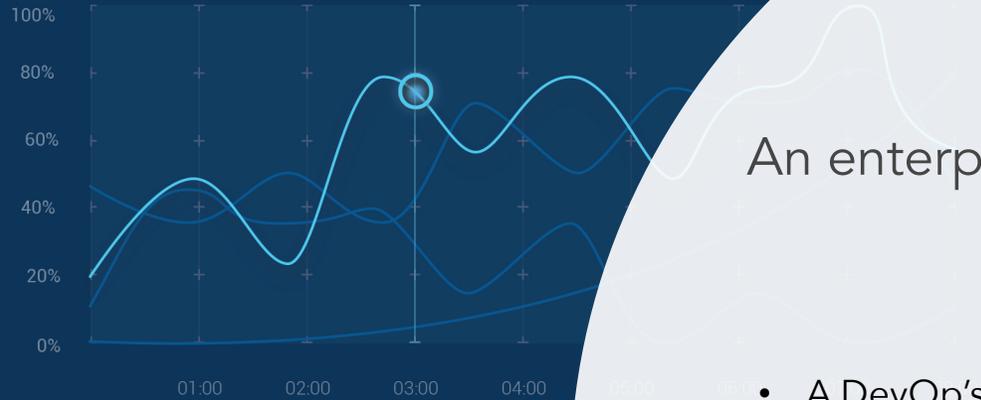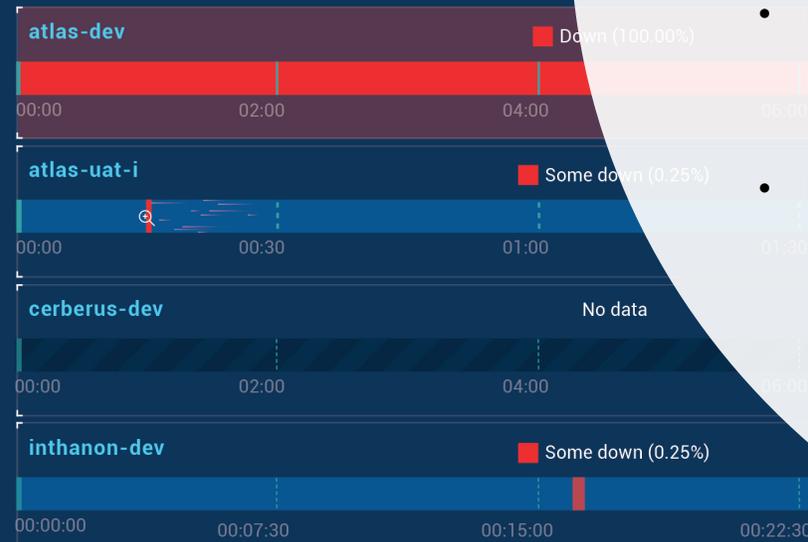
What Cerberus offers

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✓ A professional monitoring and alerting tool focusing on **DLT systems** with a **bird's view dashboard**

✓ A cost-effective tool to real-time monitor and alert multiple **blockchain applications and its infrastructures**

✓ Take preventive measures on **production DLT systems** to improve reliability and stability

✓ **Early detection** of potential problems and get **customizable notifications**

✓ Easy integration to your enterprise monitoring system through **standard APIs**

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Cross-applications, Cross-infrastructure Monitoring and Alerting

24x7 Healthiness monitoring with Bird's-Eye View Dashboard

Smart Searching and Analysis of DLT Applications Logs

- Certificate expiration and watchdog
- Real-time updates and notifications
- SaaS and on-prem versions

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Register to try

Experience Cerberus at your fingertips!

Registration (*Link*)

Take this opportunity to try this powerful tool and experience how it monitors Corda/Hyperledger Fabric nodes, DLT App, critical platform components such as APIs, P2P connectivity, RPC connectivity, Corda firewall and real-time alerts.

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www.cryptoblk.io/products/cerberus