Project Analysis Template

**<ZENOSS>**

**Introduction**

This document provides an analysis of the Zenoss project. Zenoss enables you to monitor all of your physical and virtual networks as one part of a real-time model that includes all of your cloud and on-premises infrastructure — the only way to ensure peak application performance in modern IT environments.

# **Project Summary**

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| Website | https://www.zenoss.com/ |
| Organization/Foundation Name | Zenoss Inc. |
| License | GNU General Public License |
| Open/Proprietary | Open - source |
| Source Path(if open source) | https://github.com/zenoss/zenoss-core |
| Brief Description | Zenoss is an open-source IT monitoring and analytics platform that provides comprehensive visibility into the performance and health of IT systems and infrastructure. It is built on a flexible, scalable, and extensible architecture that can handle the complexities of modern IT environments. The platform has a large community of contributors and users, and it is used by many organizations worldwide. |

# **Project Details**

**Key Features**

Real-time monitoring of IT infrastructure, applications, and services

Automated discovery and inventory of devices and applications

Event management and alerting

Performance and availability monitoring

Capacity planning and forecasting

Analytics and reporting

Extensible and customizable architecture

Integrations with popular IT tools and platforms

**Architecture**

Zenoss is built on a three-tier architecture that consists of a core server, a web interface, and a set of collectors. The core server is responsible for data collection, processing, and storage, while the web interface provides a user-friendly interface for managing and monitoring the IT environment. The collectors gather data from the devices and applications being monitored and send it to the core server for analysis.

**Current Usage**

Zenoss is used by many organizations worldwide, including large enterprises, service providers, and government agencies. Some of its customers include Cisco, VMware, NASA, and the U.S. Department of Defense.

## **Technical Details**

Zenoss is designed to be scalable and performant, and it can handle large-scale IT environments with ease. It uses a distributed architecture that allows for horizontal scaling and redundancy. The platform is also highly customizable and extensible, with a rich set of APIs and integrations.

**Project comparison**

Zenoss is a popular IT monitoring and analytics platform, and it competes with other similar projects such as Nagios, Zabbix, and Prometheus. Compared to these projects, Zenoss offers a more comprehensive and user-friendly platform with advanced analytics and reporting capabilities.

**Any other information**

Zenoss has a large and active community of contributors and users, and it is regularly updated with new features and improvements. The platform is also well-documented, with extensive documentation and user guides available online.

**Reference / Acknowledgements**

Zenoss website: https://www.zenoss.com/

Zenoss GitHub repository: https://github.com/zenoss/zenoss-core

Zenoss documentation: https://www.zenoss.com/documentation

Zenoss community forum: https://community.zenoss.com/

Acknowledgement: We would like to thank the Zenoss community for their contributions to this project and for making it such a great platform for IT monitoring and analytics.

**-----------------------------End of the template--------------------------------**