



Endpoint Øps

Empower Security Unify Control

INSTALLATION & QUICK SETUP GUIDE

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1. About this Guide

This guide will help you to perform the following tasks:

- Install the Linux version of Zirozen EndpointOps software
- Basic Operating system settings
- Best Practices for Software
- Log onto the EndpointOps Web interface
- Get started using EndpointOps

2. Introduction

At Zirozen, our core belief centers around simplifying complexity through Zero Trust , Innovate and affordable. We strive to bring your teams together by addressing the challenges and celebrating the successes of cybersecurity.

Security is not merely a concept—it should be a tangible reality for all organizations. That's why we are dedicated to assisting you in embedding security at the core of your organization. Whether you seek a comprehensive security platform, an assessment to enhance your security posture, or something in between, we are here to support you every step of the way.

Zirozen EndpointOps is all in one solution to gain insight across fleets. It provides comprehensive visibility to IT and Security teams.

Supported Features :

- Endpoint Health
- Dashboard & Reports
- File Integrity Monitoring
- Patch Management
- Endpoint Monitoring
- EndPoints Security Configuration
- Vulnerability Management
- Continuous Compliance Management
- Alerting
- Remote Desktop Management
- Role Based User Management
- Integrations
- Agent Management

3. Supported Platform

Zirozen EndpointOps can be installed on multiple platform based on customer needs. Below are the list of supported platforms.

Operating System	Supported Version
Ubuntu	Ubuntu Linux 24.x LTS (Recommended) Ubuntu Linux 22.04 LTS

4. Browser Requirement

Most recent version of following browser support. For best experience set screen size to 1920 x 1080.

- Google Chrome (Recommended)
- Mozilla Firefox
- Mozilla Firefox ESR
- Microsoft Edge

5. Hardware Requirements

The following system requirements are necessary to ensure you have the best experience with Zirozen EndpointOps.

Endpoints	CPU	RAM	Disk
100-500	8 Core	8 GB	300 GB
501-1000	12 Core	16 GB	500 GB
1001-2000	12 Core	24 GB	1TB
2001-5000	16 Core	32 GB	2 TB

*Note : Above specification are based on standard installation on single server without any high availability consideration.

6. Network Requirements

Below matrix defines the communication channel between EndpointOps and various elements. It is recommended to allow respective ports on server/firewall for proper functioning of the system.

Activity	Ports	Protocol
GUI access	443	TCP
Database connectivity with Centralized Vuln. Server	5432	TCP
Endpoint to RDP Server communication	4430	TCP

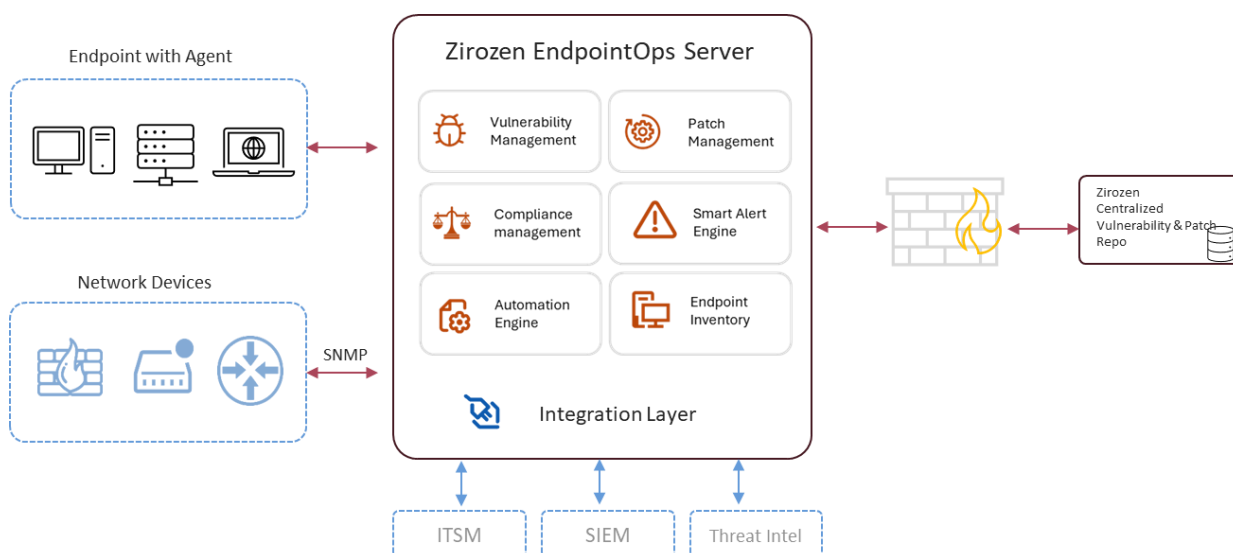
7. URL Whitelist

Below URLs to be whitelist to allow communication to download Vulnerability database and other EoL information.

Activity	Ports	Protocol
https:// 182.70.118.145	18088	TCP

8. Deployment Methodology

Below diagram depicts the standard standalone installation for Zirozen EndpointOps.



9. Installation Instructions for Linux

a. Software requirements for Linux

Zirozen EndpointOps uses multiple software to ensure proper functionality of each modules. Below are the list of software which will get automatically installed on the server upon endpoint installation.

Software	Version
Java – Open JDK	17.0.9
Postgres	16
NGINX	1.25
Vert.X Framework	4.5.1
Node.js	16.20

b. Zirozen Software Download for Linux

Download the provided software installer in the host machine where Zirozen Endpoints is suppose to be installed. Validate software integrity prior to installation using checksum provided with Endpoint installer.

Contact Technical support if you encounter any issues while downloading or with software integrity.

10 Installation procedure for Linux

Go to the download location on terminal and apply below command to initiate the installation process.

For installation in Ubuntu Server :

```
sudo ./Zirozen_EndpointOps_Vxxxxxxx.
```

Upon successful installation you can able to access GUI on https://<IP_ADDRESS>