

1. Introduction

The **System & Network Monitoring Suite** is a lightweight, modular toolkit designed for real-time system monitoring, traffic analysis, and administrative oversight. The suite currently includes two fully functional modules and one under development.

2. Modules Overview

2.1 Agent.exe – System Monitoring Agent

Agent.exe is the standardized and universal system monitoring agent used within this suite. It replaces the previously exclusive SHS_Agent.exe version and is now available for broader use.

Key Features

- Users can input and configure their own server IP
- Lightweight with minimal resource consumption
- Transmits system metrics to the server every **3 seconds**

Network Requirements

- Agent and server must reside on the same local area network (LAN) or Wi-Fi for seamless data communication and synchronization.
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2.2 admin_server.exe – Monitoring Server Module

admin_server.exe functions as the central server module. It receives, processes, and manages data from multiple agents across the network.

Core Capabilities

- Initiate and manage a monitoring server instance
- Track system metrics from all connected agents
- Display real-time performance and connectivity status

This module is universal and compatible with all properly configured agents.

2.3 Packet Analyzer Tool (Web-Based Module)

The Packet Analyzer is a live, web-based tool for real-time network traffic inspection.

Access

 <https://admin-soc-tool.vercel.app/>

Features

- Real-time packet capture and analysis
 - Detection of basic network threats
 - User-friendly web interface for remote access
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2.4 CyberScan (Under Development)

CyberScan is the third module currently under development. Once complete, it will enhance security posture evaluation through:

- Automated vulnerability assessments
- Port and service scanning
- Compliance and configuration audits

3. VAPT Testing Integration

The Monitoring Suite currently supports the following modules for Vulnerability Assessment and Penetration Testing (VAPT):

- **System Monitoring** – agent-to-server data collection and analytics
- **Packet Analyzer** – live inspection of network activity via the web interface
- **CyberScan** – *coming soon*

4. Contact & Support

For setup assistance, advanced configurations, or module customization, please reach out to your internal:

- **Security Operations Center (SOC) Team**
 - **Thread Detection Team**
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