

CyberSentinel

User Manual

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Introduction

CyberSentinel is an email security dashboard designed to help organizations detect, analyze, and manage potential phishing threats and suspicious emails. The system uses AI to analyze email content and provide risk assessments.

Getting Started

Registration

1. Access the CyberSentinel login page
2. Click "Register here" below the login form
3. Enter your email address and password
4. Select your role (Viewer, Analyst, or Admin)
5. Click "Create Account"
6. You will be redirected to the login page upon successful registration

Login

1. Enter your registered email and password
2. Click "Sign In"
3. Upon successful authentication, you will be directed to the main dashboard

Dashboard Overview

The main dashboard provides a comprehensive view of your email security status:

- **Email Risk Summary:** Shows counts of phishing, suspicious, and safe emails
- **Malicious URLs:** Displays the number of dangerous URLs detected in emails
- **Fraud Attempts:** Shows the number of blocked fraud attempts for the week
- **Weekly Summary:** Provides trend data on security incidents

Email Analysis

Viewing Emails

1. All analyzed emails appear in the table on the dashboard
2. Click on any email row to view its details
3. Use the filter controls to sort by risk level, status, or search by sender/subject

Email Details

When viewing email details, you can:

- See the full email content
- View detected security indicators
- Examine suspicious links
- Check attachment details
- See the system's security recommendation

Email Actions

Depending on your role, you can:

- **Block Email:** Prevents delivery (Admin/Analyst)
- **Delete Email:** Removes from the system (Admin only)
- **Suggest Correction:** Provide feedback on the risk assessment (All users)

Security Tools

Admin and Analyst roles have access to additional security tools:

Email Analysis Tool

1. Navigate to the "Security Tools" tab
2. Click "Add Email for Analysis"

3. Enter sender, subject, and content
4. Click "Analyze Email"
5. Review the AI analysis results
6. Click "Add to Dashboard" to save the results

Transaction Fraud Detection

1. Click "Analyze Transactions" in the Security Tools tab
2. Upload transaction data by pasting text or uploading a file
3. Click "Analyze for Fraud"
4. Review the analysis results showing suspicious transactions

URL Safety Checker

1. Click "Check URL Safety" in the Security Tools tab
2. Enter the URL you want to analyze
3. Click "Check"
4. Review the safety analysis including domain information and detected issues

User Roles and Permissions

CyberSentinel has three user roles with different permission levels:

Admin

- Full access to all features
- Can block and delete emails
- Can manage users and system settings
- Can export security reports
- Can analyze emails and suggest corrections

Analyst

- Can block emails but not delete them
- Can use all security analysis tools
- Can export security reports
- Can suggest corrections to email classifications

Viewer

- View-only access to the dashboard and email data
- Cannot block or delete emails
- Can export reports for personal use
- Can suggest corrections to email classifications

Notifications System

CyberSentinel includes a notifications system to keep users informed:

- **Email alerts:** Notifications for new phishing or suspicious emails
- **System alerts:** Notifications about blocked emails or user actions
- **Status updates:** Information about system activities

To access notifications:

1. Click the bell icon in the top navigation bar
2. View all notifications in the dropdown menu
3. Notifications are automatically marked as read when viewed

Troubleshooting

Login Issues

- Ensure you are using the correct email and password
- Check if your account has been created
- Try the "Forgot password?" option if available

Email Analysis Problems

- Ensure all required fields are completed
- Check your internet connection if analysis fails
- Try refreshing the page if the UI becomes unresponsive

General Issues

- Clear your browser cache and cookies
- Try using a different browser
- Contact your system administrator for persistent issues