WhiteHat SeNTINEL GUIDE

# What IS WHITEHAT SENTINEL?

**WhiteHat Security** is the vendor that provides **Sentinel**, a Software-as-a-Service (SaaS) product that identifies potential risk in websites and web applications.

Sentinel scans are non-intrusive by design. They are the network equivalent of an end user navigating to each web page.  Security risks are identified based on an analysis of the resulting GET responses.

# What is the Benefit To Me?

After successful analysis, Sentinel provides a report and helpful resources to assist developers with vulnerability mitigation.

## Resources

### View risk at the school, unit, or specific site level.

### Daily scans provide information on the latest risks.

### Provides insight into discovered findings.

### Direct access to engineers through the “Ask a Question” feature.

### An application security research team provides support for verifying and mitigating identified vulnerabilities.

# WHAT DO I NEED TO KNOW ABOUT WEBSITE SCANNING?

## Technical Details

### The bandwidth requirement is 0.05 mbps per site.

### The start and end date/time of scans are customizable.

#### Harvard Standard = Nights 8PM-6AM EST and Weekends 24HRS

### IP Ranges

#### 63.128.163.0/27

#### Network mask includes all addresses from 63.128.163.0 to 63.128.163.31

#### 63.128.163.33 (Externally facing IP)

## Eligible Websites

### Publicly facing webpages

### Webpages that do not require authentication, including login pages.

### Websites hosted on Harvard University’s IP space

# HOW DO I GET ACCESS? WHAT GROUP/ROLE SHOULD I HAVE?

**Submit a ticket** through the HUIT self-service portal <https://harvard.service-now.com/ithelp> and use the word WhiteHat in the description field.

## Eligible Groups

### DCE, FAS, GSD, GSE, HBS, HDS, HKS, HLS, HMS, HUPD, RC

### Access to reports and finding can be customized to support Inter-faculty initiatives, or other cross-school projects.

## Available Roles

### Viewer

#### View findings for an asset

#### View scan history and schedules

#### Generate Reports

#### “Ask a Question” about a vulnerability

### Developer

#### Everything available to a Viewer

#### Retest vulnerabilities associated with a site asset

#### Manage notes on vulnerabilities associated with a site asset

### Group Admin

#### Everything available to a Developer

#### Can add new Viewer or Developers to a group

# HOW DO I GET SUPPORT?

## HUIT IT Security

### Maintain groups, users, password resets, sites and site scanning schedules.

### Responds to tickets through the HUIT self-service portal <https://harvard.service-now.com/>.

## WhiteHat Engineers

### Verify identified vulnerabilities and consults on mitigation strategies.

### Respond to the “Ask a Question” feature within the Site Findings tab.

# HOW DO I ADD A NEW SITE\*?

Submit a ticket through the HUIT self-service portal <https://harvard.service-now.com/ithelp> and use the word WhiteHat in the description field. Please include the URL and school association in the request.

# Helpful Links

Administrators

-Managing the Sentinel account, managing assets (both sites and applications), managing users, etc.

[https://whitehatsec.my.salesforce.com/sfc/p/3000000007SE/a/0b000000Pk73/5dt4bpFEa0Zhyn8xPH3VTmt0ffdPndaLvTLT6PLwHi0](https://urldefense.proofpoint.com/v2/url?u=https-3A__whitehatsec.my.salesforce.com_sfc_p_3000000007SE_a_0b000000Pk73_5dt4bpFEa0Zhyn8xPH3VTmt0ffdPndaLvTLT6PLwHi0&d=DwMGaQ&c=WO-RGvefibhHBZq3fL85hQ&r=0UrZRNmnGvWPj8mwAVKHVvHNf-ulPifICWABh1KtN2c&m=bF1VebXftGrWcyCg5mAoz8v7312U2hVqeqYPuJe-KDo&s=dvf-VuvsG1kFoC1W-wRauRpZbY7J1GEdEpILFAr6d-U&e=)

Managers

-Dashboards and Reporting

[https://whitehatsec.my.salesforce.com/sfc/p/3000000007SE/a/0b000000Pk6o/wkcvI5\_7mYAEvWcdGHimepWjOYl1yKsTcl5cmkUqQkk](https://urldefense.proofpoint.com/v2/url?u=https-3A__whitehatsec.my.salesforce.com_sfc_p_3000000007SE_a_0b000000Pk6o_wkcvI5-5F7mYAEvWcdGHimepWjOYl1yKsTcl5cmkUqQkk&d=DwMGaQ&c=WO-RGvefibhHBZq3fL85hQ&r=0UrZRNmnGvWPj8mwAVKHVvHNf-ulPifICWABh1KtN2c&m=bF1VebXftGrWcyCg5mAoz8v7312U2hVqeqYPuJe-KDo&s=um0Jp1Fh9ZarotAwEykg78yMNKi-MAryYYHmURAxPHg&e=)

Security Teams

- Vulnerability Findings as well as dashboards and reporting

[https://whitehatsec.my.salesforce.com/sfc/p/3000000007SE/a/0b000000Pk6y/Xy13fDfrA1YQy5MZpFuQyz2QxAj8l3YxuYWvjKc1fpU](https://urldefense.proofpoint.com/v2/url?u=https-3A__whitehatsec.my.salesforce.com_sfc_p_3000000007SE_a_0b000000Pk6y_Xy13fDfrA1YQy5MZpFuQyz2QxAj8l3YxuYWvjKc1fpU&d=DwMGaQ&c=WO-RGvefibhHBZq3fL85hQ&r=0UrZRNmnGvWPj8mwAVKHVvHNf-ulPifICWABh1KtN2c&m=bF1VebXftGrWcyCg5mAoz8v7312U2hVqeqYPuJe-KDo&s=MMyblYGjX9eC38RuBNFyafRfpFyXSvpdxuMi9TQ4juA&e=)

Developers

-Vulnerability Findings and details, dashboards, and reporting, and also covers vulnerability remediation, dependency resolution, and an introduction to binary analysis, directed remediation, and the various Sentinel plugins that are available.

[https://whitehatsec.my.salesforce.com/sfc/p/3000000007SE/a/0b000000Pk6t/QXCndUO9iUyX0vSIbMqUtmNOfZdqqKlYqM8TsaL\_uJM](https://urldefense.proofpoint.com/v2/url?u=https-3A__whitehatsec.my.salesforce.com_sfc_p_3000000007SE_a_0b000000Pk6t_QXCndUO9iUyX0vSIbMqUtmNOfZdqqKlYqM8TsaL-5FuJM&d=DwMGaQ&c=WO-RGvefibhHBZq3fL85hQ&r=0UrZRNmnGvWPj8mwAVKHVvHNf-ulPifICWABh1KtN2c&m=bF1VebXftGrWcyCg5mAoz8v7312U2hVqeqYPuJe-KDo&s=9lXwgl1KfiGjOpbtN0pGrL8c0Ght048sXcQWAD5q4H4&e=)

Navigating Sentinel: [https://whitehatsec.my.salesforce.com/sfc/p/3000000007SE/a/0b000000Pk78/5qE6pkS.9b.yNkZmBJCIf9sGUeMnPA8F\_MgQgdhCKQU](https://urldefense.proofpoint.com/v2/url?u=https-3A__whitehatsec.my.salesforce.com_sfc_p_3000000007SE_a_0b000000Pk78_5qE6pkS.9b.yNkZmBJCIf9sGUeMnPA8F-5FMgQgdhCKQU&d=DwMGaQ&c=WO-RGvefibhHBZq3fL85hQ&r=0UrZRNmnGvWPj8mwAVKHVvHNf-ulPifICWABh1KtN2c&m=bF1VebXftGrWcyCg5mAoz8v7312U2hVqeqYPuJe-KDo&s=2ysoHzTZ6nvTGv5AOAbP_trTXMyzQBSVmOtUOl04xGI&e=)