



# SHIELDS UP

## RECLAIM THE CYBER ADVANTAGE

### Act quickly to protect the mission against foreign cyber threats.

The threat of nation-state actors targeting vital public services has never been higher. Protect your constituents and focus on your mission outcomes with Shields Up implementation from ExtraHop.

#### INCREASED CYBER RISK

Public sector entities – at federal, state, and local levels – are at increased risk of attack from nation-state actors. Malicious cyber activity threatens the welfare of tens of thousands of citizens by disrupting access to vital public services. In response, the Cybersecurity & Infrastructure Security Agency (CISA) has issued Shields Up guidance for how to stay secure.

Implementing the recommended controls may be difficult for security teams already struggling with staffing shortages. Remote work and modernization efforts, driven by the COVID-19 pandemic, further increase the challenge for your institution.

#### EXTRAHOP ACCELERATES SHIELDS UP IMPLEMENTATION

[CISA's Shields Up guidance](#) includes a range of technical and operational recommendations. ExtraHop Reveal(x) network detection and response delivers several vital technical controls to achieve the four high level goals recommended by CISA.

1. Reduce the likelihood of a damaging cyber intrusion.
2. Take steps to quickly detect intrusions.
3. Ensure your organization is prepared to respond if intrusions occur.
4. Maximize your organization's resilience to a destructive cyber incident.

ExtraHop professional services can also provide much needed help in staying secure without introducing friction to your mission mandates.

#### CISA RECOMMENDATION SUPPORTED BY EXTRAHOP



Monitor and Secure All  
Remote Access Paths



Assure Security Hygiene  
and Strong Encryption



Secure Your Entire  
Asset Inventory



Quickly Detect and Respond  
to Destructive Attacks



## HOW IT WORKS

ExtraHop Reveal(x) network detection and response technology supports fast and thorough implementation of the CISA Shields Up guidance.

### Secure Your Whole Attack Surface

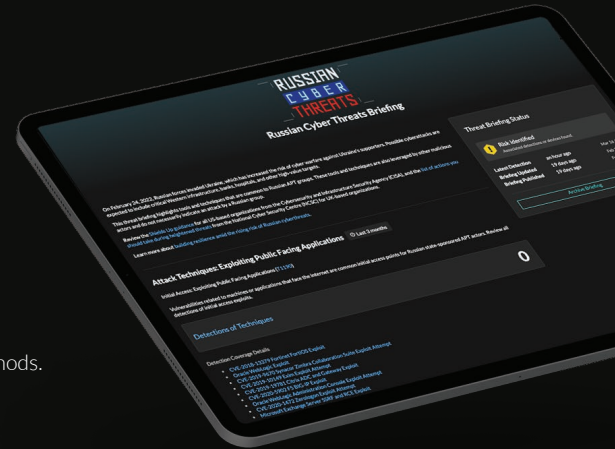
- Monitor network traffic to, from, and inside your network for suspicious behavior.
- Identify and secure all assets including unmanaged devices.
- Analyze all communications with cloud and SaaS systems.

### Assure Complete Security Hygiene

- Identify and eliminate insecure ports and protocols.
- Catch weak encryption schemes.
- Confirm and compensate for other hygiene controls.

### Detect Advanced Threats Quickly

- Detect stealthy attack behaviors other tools miss.
- Decrypt traffic to catch attackers attempting evasion.
- Discover attack attempts not monitored by EDR, SIEM, or other methods.



## SHIELDS UP ASSURANCE

ExtraHop Advisor Services and ExtraHop Network Assurance Incident Response services are here to help your institution implement Shields Up and take back the cyber advantage.

To assess your Shields Up readiness and improve your security posture, reach out to [ShieldsUp@ExtraHop.com](mailto:ShieldsUp@ExtraHop.com)

## LEARN MORE

### Get our Practical Guide for Shields Up

Concrete advice for organizations in implementing CISA's cybersecurity doctrine to defend your enterprise.

[GET GUIDE NOW](#)

## ABOUT EXTRAHOP NETWORKS

ExtraHop is on a mission to stop advanced threats with security that can't be undermined, outsmarted, or compromised. Our dynamic cyber defense platform uses cloud-scale AI to help enterprises detect and respond to advanced threats—before they compromise your business. When you don't have to choose between protecting your business and moving it forward, that's security, uncompromised.

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