(P) Preparation	(I) Identification	(C) Containment
Patch asset vulnerabilities	1. Monitor for:	1. Inventory (enumerate & assess)
2. Perform routine inspections of controls/weapons	a. Suspicious changes to boot files	2. Detect   Deny   Disrupt   Degrade   Deceive   Destroy
3. Ensure Antivirus/Endpoint Protection software is installed on	b. Unusual DNS activity	3. Observe -> Orient -> Decide -> Act
workstations and laptops	c. Antivirus/Endpoint alerts	4. Issue perimeter enforcement for known threat actor locations
4. Ensure that servers and workstations are logging to a central	d. IDS/IPS alerts	5. Remove the affected system from the network
location	2. Compare boot records, configuration files, and firmware against	6. Verify the boot integrity of any other at-risk assets
5. Set a BIOS or UEFI password on applicable assets	known good images	7. Check network logs for suspicious egress traffic
6. Use TPM technology and a trusted boot process	3. Perform integrity checks of pre-OS boot mechanisms	
7. Secure local administrator accounts	4. Utilize disk checks, forensic utilities, and data from device drivers	
8. Log any changes to boot records, BIOS, and EFI	to identify anomalies	
9. Create backups of the bootloader partition	5. Investigate and clear ALL alerts associated with the impacted	
	assets	
(E) Eradication	(D) Deceyons	(I) Lessans/Opportunities
(E) Elauication	(R) Recovery	(L) Lessons/Opportunities
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Close the attack vector	Restore to the RPO within the RTO	Perform routine cyber hygiene due diligence
2. Patch asset vulnerabilities	2. Address collateral damage	Engage external cybersecurity-as-a-service providers and
<ul><li>2. Patch asset vulnerabilities</li><li>3. Create forensic backups of affected systems</li></ul>	Address collateral damage     Determine the root cause of the incident	Engage external cybersecurity-as-a-service providers and response professionals
<ol> <li>Patch asset vulnerabilities</li> <li>Create forensic backups of affected systems</li> <li>Replace firmware and boot files from backups or trusted sources</li> </ol>	<ul><li>2. Address collateral damage</li><li>3. Determine the root cause of the incident</li><li>4. Resolve any related security incidents</li></ul>	Engage external cybersecurity-as-a-service providers and response professionals     Implement policy changes to reduce future risk
<ul><li>2. Patch asset vulnerabilities</li><li>3. Create forensic backups of affected systems</li></ul>	Address collateral damage     Determine the root cause of the incident	Engage external cybersecurity-as-a-service providers and response professionals
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## **Resources:**

- → GuardSight GSVSOC Incident Response Plan: https://github.com/guardsight/gsvsoc\_cybersecurity-incident-response-plan
- → IT Disaster Recovery Planning: https://www.ready.gov/it-disaster-recovery-plan
- → Report Cybercrime: https://www.ic3.gov/Home/FAQ

