

CYBER BULLETIN

The Cyber Fortress

FortiWeb Exploited

1.

ZERO-DAY RCE EXPLOIT

TARGET: Organizations using Fortinet FortiWeb WAF, Web portals/APIs with sensitive financial or customer data.

IMPACT: Full system takeover & data theft. Malware deployment including ransomware and cryptominers.

MITIGATION: Update to patched firmware immediately. Restrict admin interface and enable strict WAF rules.

Nation-State Cyber Threats

3.

SPEAR-PHISHING

TARGET: Energy, water, and transportation sectors and ICS/OT devices and associated enterprise IT systems.

IMPACT: Theft of operational blueprints and sensitive designs and potential sabotage and service shutdowns.

MITIGATION: Patch ICS/OT systems and enforce Zero Trust and enable MFA and deploy IDS/IPS monitoring.

AI Endpoint Threats

5.

AI MODEL EXPLOITATION

TARGET: Cloud/SaaS services with security gaps. Endpoints targeted via phishing or AI model attacks.

IMPACT: Large-scale breaches and operational downtime. AI-driven exploitation of business systems.

MITIGATION: Use AI-powered EDR/XDR tools to quickly spot and stop threats. Set up continuous monitoring for both cloud and endpoint systems.

Microsoft SharePoint RCE

2.

UNAUTHENTICATED RCE

TARGET: Internet-exposed collaboration portals without patches. On-premises SharePoint servers in enterprises.

IMPACT: Remote command execution without credentials. Lateral network movement and sensitive data theft.

MITIGATION: Apply Microsoft's July 2025 patch. Restrict SharePoint access to internal/VPN networks.

PAM Backdoor Threat

4.

PAM IMPLANTATION

TARGET: Linux/UNIX systems using PAM authentication and critical infrastructure with PAM-based access control.

IMPACT: Stealthy long-term compromise. Espionage and lateral movement into core systems.

MITIGATION: Enable file integrity monitoring. Audit logs and restrict module installation to trusted sources.

Kerberoasting Detections

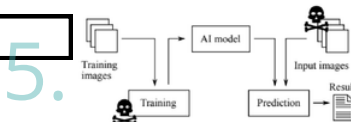
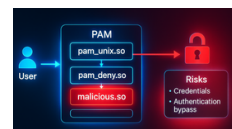
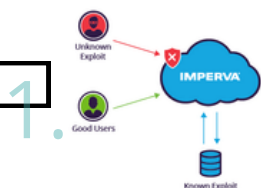
6.

KERBEROS CRACKING

TARGET: Active Directory environments with service accounts that have SPNs. Privileged accounts vulnerable to offline password cracking.

IMPACT: Attackers gain privileges by cracking service account passwords. Credential theft leading to sensitive data exposure.

MITIGATION: Monitor Kerberos traffic with behavior analytics to detect anomalies. Use least privilege, audit SPNs, and enable AES encryption with automated password rotation.





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CYBER SECURITY 
POSTER OF THE DAY

**Enable Multi-Factor
Authentication (MFA)
on all important
accounts**

**AI-powered
phishing attacks
are increasingly
sophisticated
and can bypass
weak passwords**

**#MFA
#AccountSecurity
#AIFraud**



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