

GravityZone Proactive Hardening and Attack Surface Reduction (PHASR)

Groundbreaking Personalized and Dynamic Hardening

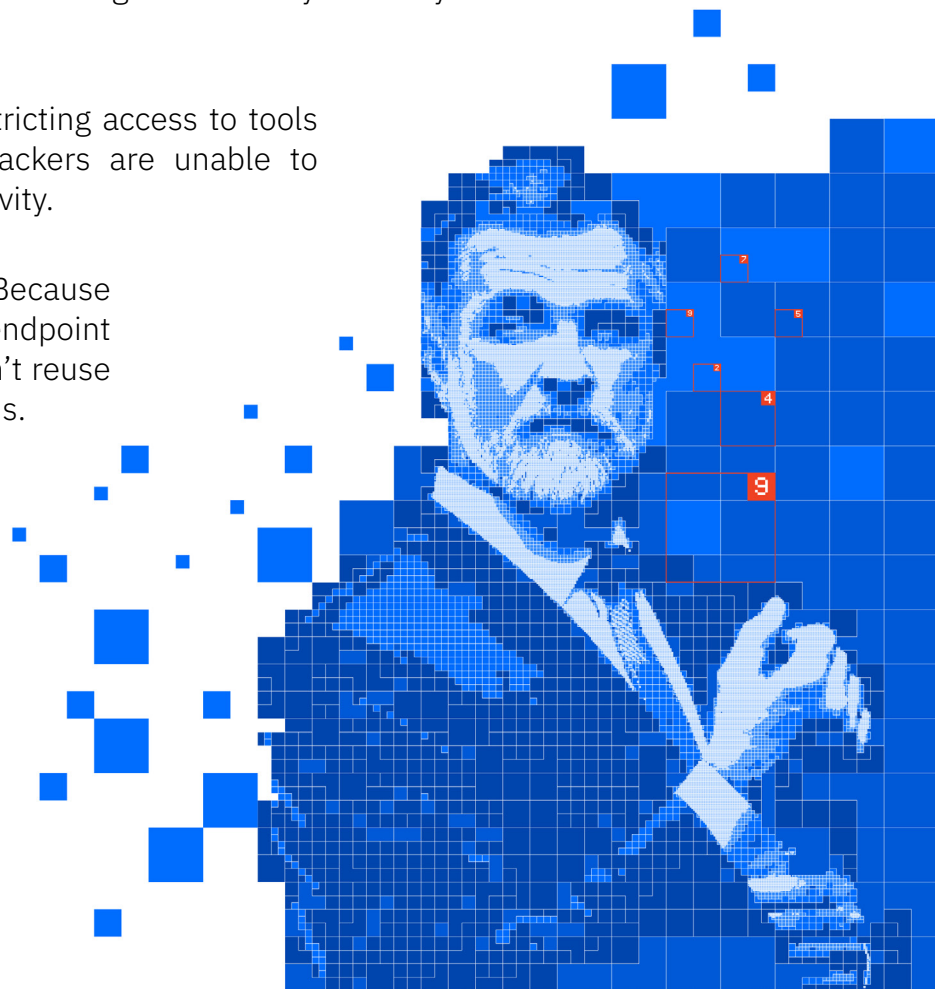
Cybercriminals have a new way to operate: they leverage stolen credentials or exploits, blend into normal activity by exploiting legitimate utilities in Living off the Land (LotL) attacks, and successfully reuse their playbooks across victims and endpoints.

Because each user's behavior is unique and application control and attack surface reduction rules are static and designed to fit everyone, they typically offer limited hardening, are too restrictive, and are unmanageable for regular IT teams.

GravityZone PHASR is a groundbreaking hardening solution that delivers personalized and dynamic attack surface reduction. This stops [Living Off the Land](#) techniques before they can do damage, without hampering productivity or burdening IT teams.

Living off the Land techniques are now used in 68% of major attacks. Reduce unnecessary risks and stop stealthy attacks before they cause damage:

- ↳ **Elevate hardening** – PHASR delivers deep, personalized hardening by learning user behavior and safely restricting unnecessary but risky tools for specific users.
- ↳ **Block LotL attacks early** – By restricting access to tools such as PowerShell or WMI, attackers are unable to advance and blend into normal activity.
- ↳ **Neutralize playbook reuse** – Because PHASR enables security on each endpoint to behave differently, attackers can't reuse one pattern across multiple systems.



Bitdefender GravityZone PHASR Key Capabilities:

- ↳ **Personalized Hardening** – PHASR delivers deep, personalized hardening by learning user behavior and safely restricting unnecessary but risky tools for specific users.
- ↳ **Dynamic Attack Surface Reduction** – PHASR continuously and autonomously adapts to user behavior changes and new threat vectors, minimizing administrative effort.
- ↳ **Precise Control** – PHASR enables restrictions on unused but risky apps, but also precise action-level restrictions within used apps, blocking only the atypical behaviors.
- ↳ **Intelligence-driven protection** – PHASR integrates Bitdefender threat intelligence, ensuring hardening remains efficient against new threat vectors and minimizing efforts.
- ↳ **Smart Clustering** – PHASR groups together users with similar behaviors to enable efficient enforcement of attack surface reduction across the organization.
- ↳ **Autopilot Defense** – PHASR Autopilot mode enables adaptive and autonomous attack surface changes without intervention while Direct Control offers recommendations and requires admin decisions for specific hardening recommendations to be enabled.
- ↳ **Unified Risk and Security Management** – PHASR seamlessly integrates into existing architectures as part of the GravityZone XDR platform which provides 360° risk visibility, prioritization and mitigation, as well as threat prevention, protection, detection, and response.



"Bitdefender has consistently performed well in independent tests including MITRE Engenuity and has introduced innovative features such as Deep Process Inspector and Advanced Reasoning. **Most recently, in 2024 Bitdefender Proactive Hardening and Attack Surface Reduction (PHASR), a groundbreaking technology** that transforms how defense-in-depth-security is applied and managed across businesses."

IDC, IDC ProductScape: Worldwide Small and Medium-Sized Business Endpoint Protection Market, 2024-2025: Technology Supplier Solution Functionality, doc #US52830124, January 2025

Learn how PHASR can proactively protect you against stealthy new attacks:

[Contact us and request a demo](#)

Bitdefender is a cybersecurity leader delivering best-in-class threat prevention, detection, and response solutions worldwide. Guardian over millions of consumer, enterprise, and government environments, Bitdefender is one of the industry's most trusted experts for eliminating threats, protecting privacy, digital identity and data, and enabling cyber resilience. With deep investments in research and development, Bitdefender Labs discovers hundreds of new threats each minute and validates billions of threat queries daily. The company has pioneered breakthrough innovations in antimalware, IoT security, behavioral analytics, and artificial intelligence and its technology is licensed by more than 180 of the world's most recognized technology brands. Founded in 2001, Bitdefender has customers in 170+ countries with offices around the world.

For more information, visit <https://www.bitdefender.com>.