

GravityZone Proactive Hardening and Attack Surface Reduction (PHASR)

Groundbreaking Personalized and Dynamic Hardening

Cybercriminals have a new way of operating: they leverage stolen credentials, blend into normal activity by using 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 solution that stops [Living Off The Land](#) attacks without hampering productivity or burdening IT teams.

Living off the Land techniques are now used in 70% of attacks. Drastically reduce your employee attack surface 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:

- ↳ **Tailored 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 the latest threat vectors.
- ↳ **Smart Clustering** – PHASR groups together users with similar behaviors to enable efficient enforcement of attack surface reduction across the organization.
- ↳ **Autonomous Risk Mitigation** – PHASR Autopilot mode enables adaptive and autonomous attack surface changes without intervention while Direct Control mode offers recommendations and requires admin decisions.
- ↳ **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](#)