Hewlett Packard Enterprise

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HPE SERVER SECURITY

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HPE SECURITY MESSAGE OVERVIEW

At Hewlett Packard Enterprise, security is built into everything we do. The world's most demanding companies and government institutions trust HPE to protect their data. Security at the edge doesn't protect the core, and moving to the cloud without the right principles and processes creates new vulnerabilities and exposure that lead to attacks and potential failure. Enterprises need to build security into every layer of the stack: from silicon to apps, and everywhere from edge to cloud. Security should not be an afterthought or something you bolt on to your infrastructure; the costs are too great. A competitive organization will employ a secure continuum from edge to enterprise core, whether on-prem or cloud, so that they are guarded against disruption.

NOTE
Click here to learn more about HPE security message.

HPE SERVER SECURITY

Your server infrastructure should be your strongest defense, armed with the latest security for servers and infrastructure security innovations to guard against and recover from security attacks. Limiting security to firewalls is no longer enough. Protect your enterprise with innovations in firmware protection, malware detection, and firmware recovery—right down to the silicon.

FAQS

Q. Why should I be concerned about server security?

A. Server Security is more important than ever due to the ever-increasing efforts of cyberattackers.

- Every 14 seconds another business has become a victim of ransomware.[1]
- $6 trillion is how much cybercrime will cost the world economy by 2021.[2]
- $9.5 million is the average annualized incident cost.[3]

Q. I have ransomware and firewall protection. Isn't that enough?

A. As the sophistication of cyberattacks mature, there will be no place left that is secure. HPE provides protection and detection defenses today, including recovery methodologies.

Q. What is HPE doing to help customers protect their data and infrastructure?

A. HPE ProLiant Gen10 servers with the silicon root of trust via the HPE Integrated Lights Out (iLO) 5 chip enable unique security features. These features together with HPE iLO Advanced server management software provide you with hardened security that will help detect, protect, and recover your server infrastructure.

Q. What makes the HPE iLO 5 chip in HPE servers so unique?

A. The HPE iLO 5 chip is completely designed by HPE with a unique HPE iLO firmware hash embedded within the chip at the time of fabrication. Thus, it creates an immutable connection between the HPE iLO 5 chip and firmware.

Q. Which HPE servers have the HPE iLO 5 chip?

A. HPE ProLiant Gen10, HPE Apollo, HPE Synergy, HPE Edgeline 8000, and HPE Hyper Converged servers.

Q. How do you take advantage of the security features built into HPE Gen10 servers?

A. HPE iLO is a server management platform that allows users to manage their HPE servers. HPE ProLiant Gen10 servers come with an HPE iLO Standard. To unlock the security features of HPE Gen10 servers, you need HPE iLO Advanced, which can be acquired for a minimal cost.

Q. Is there a trial version of HPE iLO Advanced?

A. HPE is offering the HPE iLO Advanced software as a free trial through the rest of 2020. Visit hpe.com/us/en/resources/integrated-systems/ilo-advanced-trial.html for the download link. After 2020, the HPE iLO Advanced free trial will return to its normal 60-day trial window.

[1, 2, 3] "Global Ransomware Damage Costs Predicted To Reach $20 Billion (USD) By 2021," Cybercrime Magazine, 2019

Q. What is the Marsh Cyber Catalyst designation?

A. The Cyber Catalyst program by Marsh evaluates and identifies solutions that are considered effective in reducing cyber risk. Organizations that adopt Cyber Catalyst-designated solutions may qualify for enhanced terms and conditions on cyberinsurance policies from participating insurers.

Q. Don't all server manufacturers have Cyber Catalyst designations?

A. HPE is the only server manufacturer that has Cyber Catalyst designations. Our silicon root of trust is offered on HPE ProLiant servers, HPE Apollo systems, HPE Synergy compute modules, and HPE SimpliVity.

Q. Why pay HPE premiums for HPE ProLiant Gen10 servers?

A. Our competitors do not provide the same levels of security protection as HPE. Only HPE has the silicon root of trust, Cyber Catalyst designation, achieved NIST SP 800-53 controls and FIPS validations.

SALES RESOURCES

- Solution brief for Server Security: Seismic
- Sales play for Server Security: Seismic
- HPE Server Security & Infrastructure Security Solutions: Website

If you have questions or inquiries, reach out to Allen Whipple.

APPENDIX 1—HPE ILO PORTFOLIO

Product number	Product description
E6U59ABE	HPE iLO Advanced Electronic License with 1yr Support on iLO Licensed Features
512485-B21	HPE iLO Advanced Electronic License with 3yr Support on iLO Licensed Features
512486-B21	HPE iLO Advanced 1-server License with 1yr Support on iLO Licensed Features
512487-H21	HPE iLO Advanced Flexible Quantity License with 1yr Support on iLO Licensed Features
BD505A	HPE iLO Advanced AKA Tracking License with 1yr Support on iLO Licensed Features
BD506A	HPE iLO Advanced 1-server License with 3yr Support on iLO Licensed Features
BD507A	HPE iLO Advanced Flexible Quantity License with 3yr Support on iLO Licensed Features
P08040-B21	HPE iLO Common Password FIO Setting

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