



YOU DESERVE THE BEST SECURITY

HARMONY ENDPOINTの サポートOSと注意事項

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Table of Contents

- サポート OS (for Windows E87.x)
- サポート OS (for macOS E87.x)
- 【参考】 Harmony Browse 対応ブラウザー一覧
- Harmony Endpoint サポート機能一覧
- 注意事項
- 【参考】 Anti-Ransomware のバックアップ対象ファイル拡張子 (初期値)
- ドキュメント

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サポート OS (E87.x for Windows) (1 / 2)

Microsoft Windows

Version	Editions	Architecture	SPs or Updates	Supported Features
10 22H2 11 22H2 11 21H2 10 21H2 10 21H1 (version 2103) 10 20H2 (version 2009) 10 20H1 (version 2004) 10 19H2 (version 1909) 10 19H1 (version 1903) 10 LTSC (version 1809) 10 (version 1809) 10 (version 1803) 10 (version 1709) 10 LTSB (version 1607)	Enterprise Pro	32/64-bit		All
8.1	Enterprise Pro	32/64-bit	Update 1	All
7	Enterprise Professional	32/64-bit	SP1 Microsoft update KB3033929	All

※ Windows Home は、サポートしていません

サポート OS (E87.x for Windows) (2 / 2)

Microsoft Windows Server

Version	Editions	Architecture	SPs or Updates	Supported Features
2022	All	64-bit		Compliance, Anti-Malware, Firewall, Application Control, Forensics, Anti-Ransomware, Anti-Bot, Threat Emulation, Capsule Docs (Standalone Client), Media Encryption and Port Protection.
2019	All	64-bit		Compliance, Anti-Malware, Firewall, Application Control, Forensics, Anti-Ransomware, Anti-Bot, Threat Emulation, Capsule Docs (Standalone Client), Media Encryption and Port Protection.
2016	All	64-bit		Compliance, Anti-Malware, Firewall, Application Control, Forensics, Anti-Ransomware, Anti-Bot, Threat Emulation, Capsule Docs (Standalone Client).
2012	All	64-bit		Compliance, Anti-Malware, Firewall, Application Control, Forensics, Anti-Ransomware, Anti-Bot, Threat Emulation, Capsule Docs (Standalone Client)
2012 R2	All	64-bit		Compliance, Anti-Malware, Firewall, Application Control, Forensics, Anti-Ransomware, Anti-Bot, Threat Emulation, Capsule Docs (Standalone Client)
2008 R2	All	32/64-bit	Microsoft update KB3033929	Compliance, Anti-Malware, Firewall, Application Control, Forensics, Anti-Ransomware, Anti-Bot, Threat Emulation, Capsule Docs (Standalone Client)

Notes:



- To support Endpoint Compliance rules for Windows Server 2016 on versions older than R80.20, see [sk122136](#).
- Windows Server CORE is not supported.

VMware ESXi

Version	Supported Features
5.1, 5.5, 6.0	All, except: Full Disk Encryption and Media Encryption & Port Protection



Note - If you install a client package with features that are not supported on the server, the installation succeeds but only the supported features are installed.

https://sc1.checkpoint.com/documents/E87.x/EN/Endpoint_Security_Clients_for_Windows_RN/Content/Topics-Endpoint_Security_Client_for_Windows_RN/Client-Requirements.htm

ハードウェア要件（E87.x for Windows）

Client Hardware Requirements

The minimum hardware requirements for client computers to run the Total Endpoint Security Package are:

- 2 GB RAM
- 2 GB free disk space

The recommended hardware requirements for client computers to run the Total Endpoint Security Package are:

- 8 GB RAM
- 6 GB free disk space

サポート OS (E87.x for macOS)

Client Requirements

E87.x Endpoint Security Clients for macOS are compatible with these macOS versions:

- macOS Ventura (13)
- macOS Monterey (12)
- macOS Big Sur (11)
- macOS Catalina (10.15)

https://sc1.checkpoint.com/documents/E87.x/EN/Endpoint_Security_Clients_for_macOS_RN/Content/Topics-Endpoint_Security_Client_for_macOS_RN/system-requirements.htm

【参考】Harmony Browse 対応ブラウザ一覧

OS	Browser	URL Filtering	Threat Extraction & Emulation	Zero Phishing	Password Reuse	Safe Search	Search Reputation	Malicious Script Protection
Windows	Chrome	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Windows	Edge Chromium	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Windows	Firefox ¹	Yes	Yes	Yes	Yes	No	Yes	Yes
Windows	Brave ⁴	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Windows	Internet Explorer ²	No	Yes	Yes	Yes	No	No	No
macOS	Chrome	Yes	Yes	Yes	Yes	Yes	Yes	Yes
macOS	Firefox ¹	Yes	Yes	Yes	Yes	No	Yes	Yes
macOS	Safari ³	Yes	No	Yes	Yes	No	No	No
ChromeOS	Chrome	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Notes -



¹ To enable Firefox Extended Support Release (ESR), you must install the browser extension manually.

² By default, the extension is disabled. To enable the extension, see [Deploying Harmony Browse Clients](#).

³ Browser extension is supported in Safari version 14 and higher.

⁴ Browser extension is supported in Brave version 1.43.89 and higher.

Harmony Endpoint サポート機能一覧

機能	Windows Client ※	Windows Server	macOS	Linux
Anti-Malware	Y	Y	Y	Y
Anti-Ransomware	Y	Y	Y	N/A
Anti-Bot	Y	Y	E86.60	N/A
Threat Emulation (Sandbox)	Y	Y	Y	N/A
Threat Extraction (無害化)	Y	Y	Y	N/A
Zero-Phishing	Y	Y	Y	Y
Behavioral Guard	Y	Y	N/A	Y
Anti-Exploit	Y	Y	N/A	N/A
URL Filtering	Y	Y	Y	N/A
Firewall	Y	Y	Y	N/A
Application Control	Y	Y	E87.00	N/A
Compliance	Y	Y	Y	N/A
Forensics Report	Y	Y	Y	N/A
Threat Hunting	Y	Y	Y	Y
VPN	Y	N/A	Y	3rd Party certified app
Host Encryption	Y	N/A	native macOS app	N/A
Media Encryption、Port Protection	Y	Y	Y	N/A

※Windows Home は、サポートしていません

注意事項

- Windows Home Edition、Windows IoT、Hyper-V、AWS EC2、Azure Virtual Machine は、サポート対象外です
- Anti-Malware
 - 検査対象のファイルサイズの上限 : 20MB (初期値)
- Threat Emulation
 - 検査対象のファイルサイズの上限 : 15MB (初期値)、最大50MB
- Anti-Ransomware
 - バックアップ対象のファイルサイズ上限 : 25MB (初期値)
 - バックアップフォルダのサイズ上限 : 1025MB (初期値)、最大4GB
 - バックアップ対象のファイル拡張子 : 次頁参照
 - バックアップ対象外のフォルダ
 - System root (%systemroot%)
 - Appdata (%appdata%)
 - Program Data (%programdata%)
 - Program Files (%ProgramFiles(x86)%)
 - Recycle Bin (%ProgramFiles%)
 - Windows old folder

【参考】Anti-Ransomware のバックアップ対象ファイル拡張子（初期値）

- 3gp
- aif
- aiff
- asf
- avi
- bmp
- bpg
- csv
- dib
- dibl
- doc
- docb
- docm
- docx
- dot
- dotm
- dotx
- emf
- eps
- flv
- gam
- gif
- hdr
- heif
- htm
- html
- jfif
- jpegl
- jpg
- m4a
- m4v
- mov
- mp3
- mp4
- mpa
- mpeg
- mpg
- pbm
- pdf
- pgm
- png
- pnm
- pot
- potx
- ppm
- pps
- ppsx
- ppt
- pptm
- pptx
- prn
- ps
- rle
- rtf
- sldx
- swf
- tif
- tiff
- txt
- wav
- webp
- wma
- wmv
- wpd
- xlm
- xls
- xlsb
- xlsm
- .xlsx
- xlt
- xltm
- xltx

※ 最新の情報は、管理画面でご確認ください

ドキュメント

- Harmony Endpoint Administration Guide
 - https://sc1.checkpoint.com/documents/Infinity_Portal/WebAdminGuides/EN/Harmony-Endpoint-Admin-Guide/Topics-HEP/Introduction.htm
- Harmony Endpoint Secure Knowledge
 - https://supportcenter.checkpoint.com/supportcenter/portal?eventSubmit_doGoviewsolutiondetails=&solutionid=sk117536
- Client support per OS version
 - https://supportcenter.checkpoint.com/supportcenter/portal?eventSubmit_doGoviewsolutiondetails=&solutionid=sk178408
- Client Support Schedule for New Operating Systems
 - https://supportcenter.checkpoint.com/supportcenter/portal?eventSubmit_doGoviewsolutiondetails=&solutionid=sk115192
- MITRE ATT&CK® Evaluations 2022 Enterprise Wizard Spider and Sandworm Overview
 - <https://mitre.ngfw1.com/>



THANK YOU

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