



Check Point  
**Harmony**

Highest Level of Security for Remote Users

ENDPOINT

MOBILE

EMAIL & OFFICE

CONNECT (SASE)

BROWSER

PROFESSIONAL SERVICES

# HARMONY ENDPOINT HEALTH CHECK REPORT



**PROFESSIONAL SERVICES**

Consult • Design • Deploy • Operate • Optimize



**YOU DESERVE THE BEST SECURITY**



# Check Point Harmony

Highest Level of Security for Remote Users

## TABLE OF CONTENTS

EXECUTIVE SUMMARY .....	3
CONTROL CHANGE .....	3
ABBREVIATIONS .....	4
SERVER INFORMATION .....	5
LICENSE INFORMATION .....	5
INTRODUCTION .....	6
RECOMMENDATIONS AND BEST PRACTICES .....	7
BLADES .....	10
FULL DISK ENCRYPTION .....	10
MEDIA ENCRYPTION AND PORT PROTECTION .....	11
ANTI-MALWARE .....	11
SANDBLAST AGENT ANTI-RANSOMWARE, BEHAVIORAL GUARD AND FORENSICS .....	13
SANDBLAST AGENT ANTI-BOT .....	15
THREAT EXTRACTION, EMULATION AND ANTI-EXPLOIT .....	17
ANTI-EXPLOIT ENGINE .....	20
FIREWALL .....	21
APPLICATION CONTROL / URL FILTERING .....	22
VIRTUAL GROUPS BEST PRACTICES .....	23
POLICY CONFIGURATION BEST PRACTICES .....	24
SYSTEM HEALTHCHECK .....	25
APPENDIX 1 – RELATED SK .....	27
APPENDIX 2 – DOCUMENTATION .....	27
CONCLUSION .....	28



# Check Point Harmony

Highest Level of Security for Remote Users

ENDPOINT

MOBILE

EMAIL & OFFICE

CONNECT (SASE)




BROWSER

## EXECUTIVE SUMMARY

The following document summarizes the information collected from up to **two (2)** Harmony Endpoint Server(s). The project took place between [ **date - begin** ] and [ **date - end** ] .

The project examined the deployment of your Harmony solution and identified opportunities to optimize your Endpoint Security Management System.

Each recommendation is rated as follow:

	Serious	Needs immediate attention.
	Attention	Needs attention.
	Good	No need for any action.

## CONTROL CHANGE

Version	Date	Description	Author
Initial	19/01/2022	Initial Document	John Smith (Check Point)



## ABBREVIATIONS

The following table contain the abbreviations would be utilized on this document.

ABBREVIATION	DEFINITION
PS	Professional Services
GUI	Graphical User Interface
SG	Security Gateway
VAP	Virtual Application Processor
VSX	Virtual Network Extender
VS	Virtual System
SMS	Security Management Server
SO	Smart Optimize

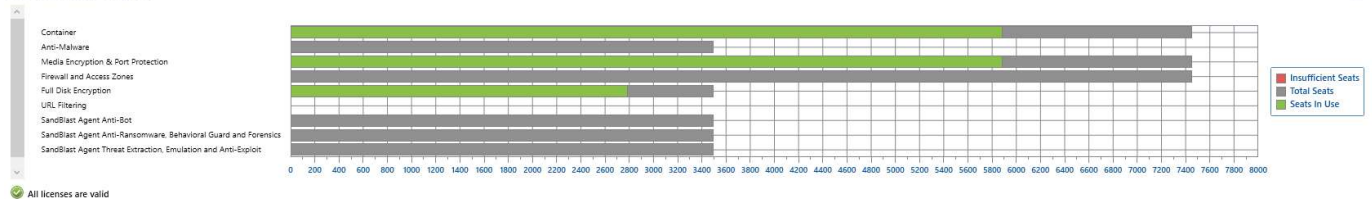
## SERVER INFORMATION

HOSTNAME	STATUS	VERSION	OS	SW BLADES	REMEDATION
EPSRV01	!	R80.40	Gaia	<ul style="list-style-type: none"> <li>• Anti-Malware</li> <li>• Media Encryption &amp; Port Protection</li> <li>• Firewall and Access Zones</li> <li>• Full Disk Encryption</li> <li>• SandBlast Agent Anti-Bot</li> <li>• SandBlast Agent Anti-Ransomware, Behavioral Guard and Forensics</li> <li>• SandBlast Agent Threat Extraction, Emulation and Anti-Exploit</li> </ul>	Upgrade to R81.10 version

## LICENSE INFORMATION

	STATUS	COUNT	PERCENT	REMEDATION
Total of Endpoint Seats	✓	5884 / 7450	78%	N/A

License Status Report



## INTRODUCTION

[ **COMPANY\_NAME** ] has deployed Check Point Endpoint Security to (**#**) endpoints throughout their organization.

HARDWARE	NAME	VERSION	FIXES	CPU	RAM
VM	EPSRV01	R80.40	N/A	8 Cores	32 GB

## ENVIRONMENT



**Note: This is an example of the basic Environment and below the details**

- Clients communicate with the Management Server over HTTP/HTTPS.
- The Endpoint Management architecture works in a "star" scheme to support large-scale environments.
- The central "brain" of the system is the "Management Server" and the delegate servers are named "Policy Servers".
- Each Management Server can support a maximum of ~10,000 endpoints. Multiple Policy Servers can be chained to support a management of up to 400,000 devices from a single environment.
- The environment supports unified log reporting through SmartLog.

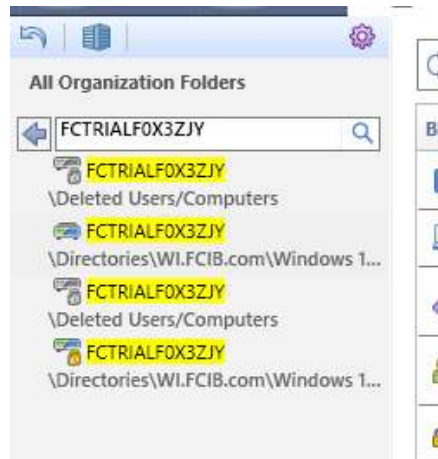




## RECOMMENDATIONS AND BEST PRACTICES

- Check Point recommends that you install the most recent software release to stay up-to-date with the latest functional improvements, stability fixes, security enhancements and protection against new and evolving attacks. The last version that we have seen working good is **R81** and the recommended Take is the GA, at this moment it is the **Take: 44**.
- It is best practice and recommended to thoroughly test the latest recommended Harmony Endpoint client version before deploying to production machines. The latest recommended version can be found on the Endpoint Security Homepage, [sk117536](#).
- The release notes for the specific client version should be reviewed carefully to ensure the Harmony Endpoint client and blades are deployed to supported client machines. The current recommended Harmony Endpoint client for Windows is **E86.20**, see E86.20 Endpoint Security Client for Windows Release Notes.
- Create Virtual Group for staging and troubleshooting purposes.

**Example:** The 2 greyed objects below can be safely deleted to release Endpoint Containers license.





- Detected 700 devices with object duplicated, consider delete the duplicated objects.

```
4, FCTRIALF0X3ZJY
4, FCTRIADJ05L20J
4, FCTRIADJ04AWCB
4, FCSKNALF0Y2J04
4, FCJAMADJ04LN78
4, FCIBANTINS001
4, FCBARADJ07CMKE
4, FCBAHALF162ZFY
4, FCBAH7D2VL8X
3, W9140349E9L
3, W90670KEU9
3, W7996WVHEV
3, FCTRIALF1CE0DT
3, FCTRIALF0X3JQ5
3, FCTRIALF0PXSNA
3, FCTRIALC04BHQV
3, FCTRIALC00Z8GR
3, FCTRIADJ07LZ27
3, FCTRIADJ07LZ21
3, FCTRIADJ05L201
3, FCTRIADJ04AWCC
3, FCSTLALF0ZRL6F
3, FCSTLALF0ZRFP7
3, FCSTLADJ07CPX5
3, FCSTL7DJ02BQN0
3, FCSKNADJ07CQ8Y
3, FCSKNADJ07CQ8Q
3, FCSKNADJ07CNKV
3, FCSKNADJ07CNJJ
3, FCSKNADJ05L1SR
3, FCSKN7DJ04LNC3
3, FCSKN7DJ02BQLL
3, FCJAM_LXRHZDL
3, FCJAMALF255QGR
3, FCJAMADJ0BLG76
3, FCJAMADJ07YDVV
3, FCIBCAYINS001
3, FCCUR_L9L2JQL
3, FCCURADJ05L24H
```





- Review the following list of Endpoint devices with licenses and no connectivity to Endpoint server for more than 30 days:
- Consider select the option reset data on object to release license.

nid	distinguished_name
e5f5e588-93e2-3c42-af1a-4253dc18e42e	CN=FCBARADJ05L1R5,OU=Desktops,OU=Windows 10 Machines,DC=WI,DC=FCIB,DC=com
e4f84447-36fb-46f5-8f6d-cbd666a1d597	CN=FCIBANTINS001,CN=Computers,DC=WI,DC=FCIB,DC=com
f62d5bc0-f479-4b5b-b59f-d1cdc015eaa0	CN=FCCAYADJ07N0NS,OU=Desktops,OU=Windows 10 Machines,DC=WI,DC=FCIB,DC=com
f5a16ef4-5595-9c40-ae2d-9c5df0810836	CN=FCANTADJ05L1YY,OU=Desktops,OU=Windows 10 Machines,DC=WI,DC=FCIB,DC=com
06d82713-4788-4a45-ba92-d82f3820bfbb	CN=FCGRE_L0Z8GYL, FN=deleted
b26a23f6-c48f-47f3-8859-a402557275a6	CN=W92700KENL, FN=deleted
a5b5187b-f9e5-4aeb-b5a6-835b3c0a3e40	CN=FCJAMADJ04LNEM,OU=Desktops,OU=Windows 10 Machines,DC=WI,DC=FCIB,DC=com
946ba15b-d2ef-40fa-80ee-5b8b6296a28f	CN=FCBAR7LC0AKNZ3, FN=deleted
992f6572-811f-4277-adae-68731367ba92	CN=FCBAR7DJ04LMD0, FN=deleted
a7ca6649-d3e5-d941-aa95-7e9839290aec	CN=FCBAH_LXE8BBDL, FN=deleted
70ebee1c-18cc-b342-bb2e-ef550c499566	CN=FCBAHALFVY5N7, CN=Computers,DC=WI,DC=FCIB,DC=com
ae824222-4648-6645-b29a-114df4eec796	CN=FCCAYADJ078AM3,OU=Desktops,OU=Windows 10 Machines,DC=WI,DC=FCIB,DC=com
f6a1fd7d-889a-d440-9bfd-3204a34cdd62	CN=FCBARADJ072956,OU=Desktops,OU=Windows 10 Machines,DC=WI,DC=FCIB,DC=com
e3b54d49-3823-406e-bd25-dd839a1ec346	
220491dc-87ab-42af-9b11-8be43bf954c0	CN=FCBARADJ72FMF, CN=Computers,DC=WI,DC=FCIB,DC=com
9eea94b6-89a9-4b6a-9cd5-40b9d88cd200	CN=FCBAHALF1VYDCP,OU=Laptops,OU=Windows 10 Machines,DC=WI,DC=FCIB,DC=com
a429a5d2-922d-4643-81d0-c61a3c98b205	
ff22e0fd-46e2-4bbe-ab88-8865f9a51deb	CN=FCBAH7D2VL8X, FN=deleted
683c163f-fb05-f349-a33d-98f268ffc797	CN=FCJAMADJ0BGLG4P,OU=Desktops,OU=Windows 10 Machines,DC=WI,DC=FCIB,DC=com
52fe92f1-2d0e-f34a-8dc8-94d0d7e6de42	CN=FCJAMADJ0BGLG2F,OU=Desktops,OU=Windows 10 Machines,DC=WI,DC=FCIB,DC=com
a4447ff0-fa98-4c25-a92a-870598598a02	
5551a459-e297-4403-8b65-1f987b3c990a	CN=FCSTV_L0YVHTL, FN=deleted
181020ec-f2ad-4032-a87b-e148a482abeb	CN=FCBARALF0PXQFR,OU=Proof Machines,OU=XPMachines,DC=WI,DC=FCIB,DC=com
97db2f59-1d7e-1047-b9b7-9fd44a73fa7b	CN=FCBAHADJ07YDAC,OU=Desktops,OU=Windows 10 Machines,DC=WI,DC=FCIB,DC=com
0dc3c6e1-6a81-4e37-b388-b0e3d7a8ba99	CN=FCCAYADJ07MZUH,OU=Desktops,OU=Windows 10 Machines,DC=WI,DC=FCIB,DC=com
45328588-cfce-4a58-9200-21c3dbd91e1a	
f8352c0b-e4c2-4d46-a7ac-0c5212ae14a7	
4c10f311-af49-4062-acad-c09cce76da07	
b89c8b62-4592-6340-bb98-0c16d549cdc8	CN=FCJAMALF1WK3X5,OU=Laptops,OU=Windows 10 Machines,DC=WI,DC=FCIB,DC=com

(599 rows)

(599 rows)

## BLADES

There are 31 Endpoint clients no reporting status of software blades or state unknown.

View endpoints by: ● 3394 All blades running ● 31 Blades not running or status unknown

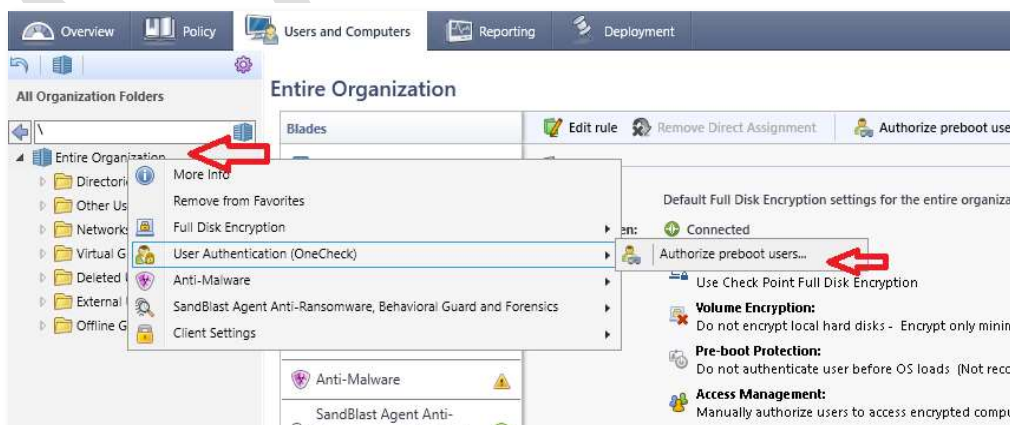
User Name	Computer Name	Not Running Blades	Blades with status missing	Endpoint Client Version	IP Address	Last Contact	Machine Type
Burrows, Crystal	FCBAHADJ07...	Full Disk Encryption	✓ No Installed Blades W...	84.50.7526	10.129.147.60	1/10/2022 7:47:...	Desktop
Butler, Peter (v)	FCBAHADJ08...	Full Disk Encryption	✓ No Installed Blades W...	84.50.7526	10.129.147.50	1/10/2022 7:48:1...	Desktop
Edgecombe, Karis	FCBAHADJ09...	Full Disk Encryption	✓ No Installed Blades W...	84.50.7526	10.129.169.54	1/10/2022 7:47:...	Desktop
McIntosh, Semone	FCSTVALFICE...	Full Disk Encryption	✓ No Installed Blades W...	82.20.0126	10.125.226.19	12/31/2021 12:13:...	Laptop
Minnis, Shanae	FCBAHADJ07...	Full Disk Encryption	✓ No Installed Blades W...	84.50.7526	10.129.147.74	1/10/2022 7:48:1...	Desktop
Norville, Kevin (v)	FCBARALFIC...	All installed blades are run...	Compliance	84.50.7526	10.129.14.102	1/10/2022 1:03:2...	Laptop
Owens, Jonathan	FCCAYALFIFE...	Full Disk Encryption	✓ No Installed Blades W...	82.20.0126	10.125.234.209	1/10/2022 7:47:...	Laptop
Parris, Lergon	FCJAMADJ05...	Endpoint Application	✓ No Installed Blades W...	84.50.7526	10.129.75.74	1/8/2022 3:04:1...	Desktop

Endpoints Count: 31

This could be a general error, in order to fix the status of the clients to make sure they are protected, validate if processes are running in the background, and connectivity to Endpoint Management Server, if the problem persists, consider re-installing Endpoint software. The status of the Endpoint client can be remotely validated using Windows registry values, see sk105818.

## FULL DISK ENCRYPTION

For Check Point Full Disk Encryption Preboot is recommended to associate a global account for machine access and decryption besides the current Preboot user, this could be used for troubleshooting and device decommission.

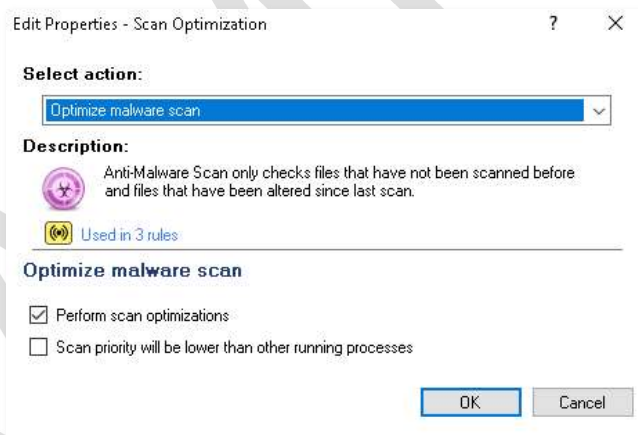


## MEDIA ENCRYPTION AND PORT PROTECTION

1. Comment rule #1 and #5 (offline), and rule #1, #3, #4, #5, #7 (online) for audit and compliance purposes.
2. For client upgrade is highly recommended test the following before (crashes of MEPP driver MeDipFlt reported on E86.01, solved on E86.10):
  - a. Encrypt device USB or HDD with E84.50.
  - b. Test upgrade to E86.20.
  - c. Validate the USB encrypted, the user should access to data.

## ANTI-MALWARE

Under the Anti-Malware blade Scan Optimization action “*Scan priority will be lower than other running process*” should be checked if there are performance issues with the Anti-Malware blade.



Any 3rd party Anti-Malware solution should be disabled on all machines before deploying the Endpoint Security Client. Select Randomize scan time to make sure that not all computers do a scan for malware at the same time. This makes sure that network performance is not affected by many simultaneous scans. In Start scan between, specify the time range during which the scan can start.



Edit Properties - Periodical Scan Schedule

**Select action:**  
Anti-MW Perform periodic anti-malware scan

**Description:**  
Clone of Perform periodic anti-malware scan  
[Edit Name & Description...](#)

**Anti-MW Perform periodic anti-malware scan**

Perform Periodic Scan

Scan period: Day

Day of week: Monday

Day of month: 1

Scan start hour: 12:00

Randomize scan time  
Start scan between 12:00 and 12:00

Run initial scan after Anti-Malware Blade installation.

Allow user to cancel scan.  
 Prohibit cancel scan if more than 30 days passed since last successful scan.

OK Cancel

**Exclusion area:** Exclusion locations could be where the application is installed as well as any cache folders used by the application. This is assuming that the application doesn't dump or export any files into these folders that could have the chance of being malicious.



## SANDBLAST AGENT ANTI-RANSOMWARE, BEHAVIORAL GUARD AND FORENSICS.

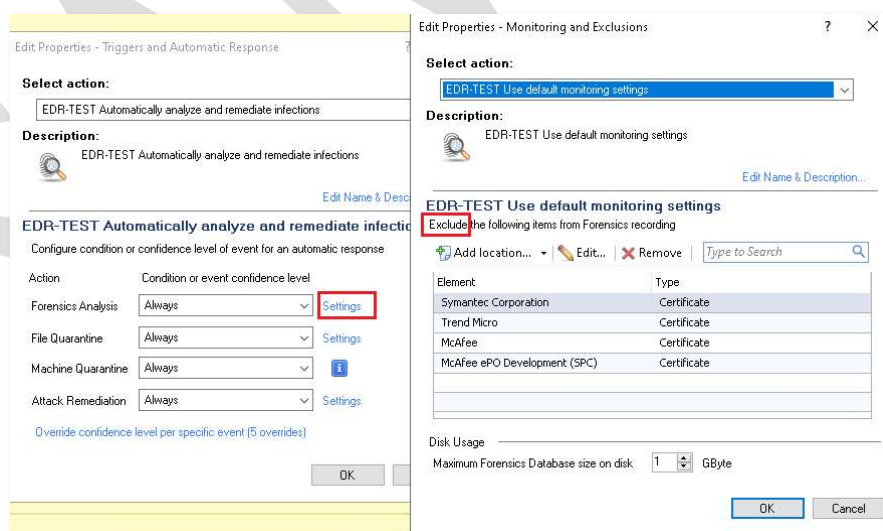
Anti-Ransomware, Behavior Guard and Forensics Blade Overview:

*Anti-Ransomware* is an automated process that can take point in time backups of user file data as an executable is trying to read and write to the file system. The process creates honeypot folders and creates a vaulted folder where the backup files are stored and are only readable by the Check Point system account.

*Behavior Guard* uses real-time dynamic analysis to determine what an executable is trying to do and if it resembles a malware family. BG looks for zero-day behaviors and with the help of other blades stops threats in real-time.

*Forensics* helps from an EDR perspective by having a process running to monitor and log what executables do so that in the case of an event, the end-user or admin can see a forensics report and save precious time to try to figure out what happened.

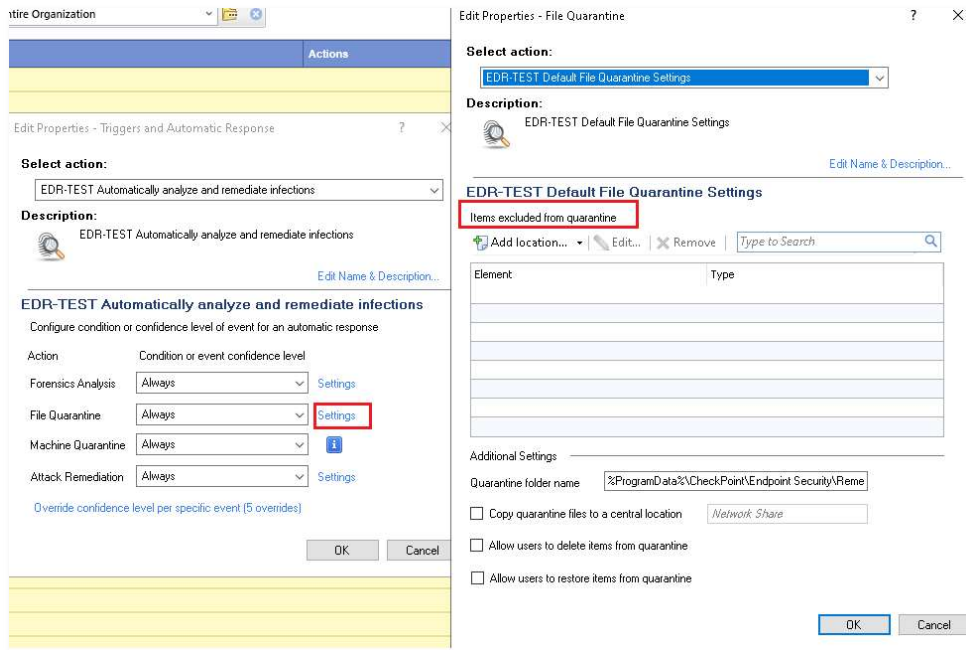
The Forensics Analysis engine takes up the bulk of resources used by the Sandblast Agent client. This engine runs in the background collecting data in real-time. This process may slow down individual applications. Therefore, as a best practice, we are looking specifically for applications that have a lot of I/O and thrashing of disks. Once you have tested and determined the applications that are affected and deemed safe, it is recommended to add the application, the folder installation and any cache folders to the exclusion area:







The above image displays where you would input the exclusions for Forensics Analysis. Be 100% certain that whatever you exclude is deemed clean and secure. It is a best practice to provide the full path to folders and executables. The primary reason to exclude an application here is due to the performance degradation of the application.





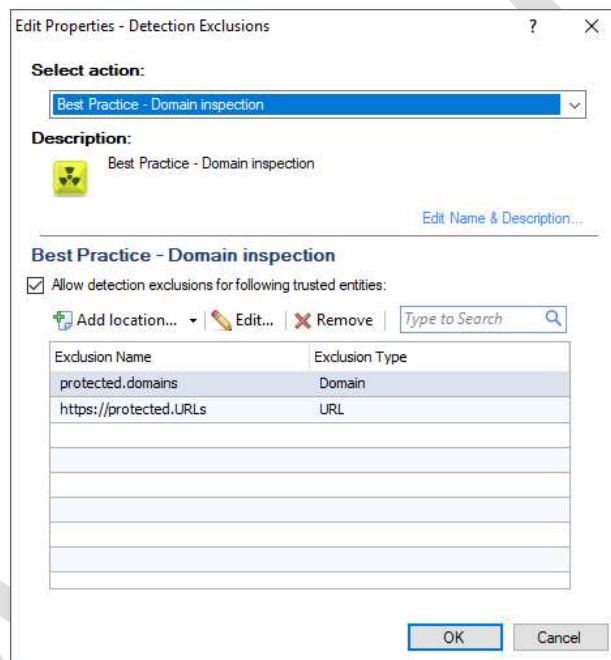


## SANDBLAST AGENT ANTI-BOT

The purpose of this blade is to monitor network traffic to see if it is reaching out to Command and Control centers for instructions on how to pull down malicious code and other instructions.

### Best Practice configuration

Exclude trust domains:






The anti-bot engine should be set to hold after testing applications and operation functionality:

Edit Properties - General Settings

**Select action:**  
Best Practice - Protection mode

**Description:**  
 Best Practice - Protection mode  
[Edit Name & Description...](#)

---

**Best Practice - Protection mode**

Background - connections are allowed until threat check is complete  
 Hold - connections are blocked until threat check is complete

Hours to suppress logs for same bot protection: 1

Days to remove bot reporting after: 3

OK Cancel



## THREAT EXTRACTION, EMULATION AND ANTI-EXPLOIT

### Threat Extraction, Emulation and Anti-Exploit Overview:

This multi-purpose blade is responsible for 0-day protection around file downloads from the web as well as when files are written to disk. It also monitors and does further inspection around the most vulnerable applications with Anti-exploit.

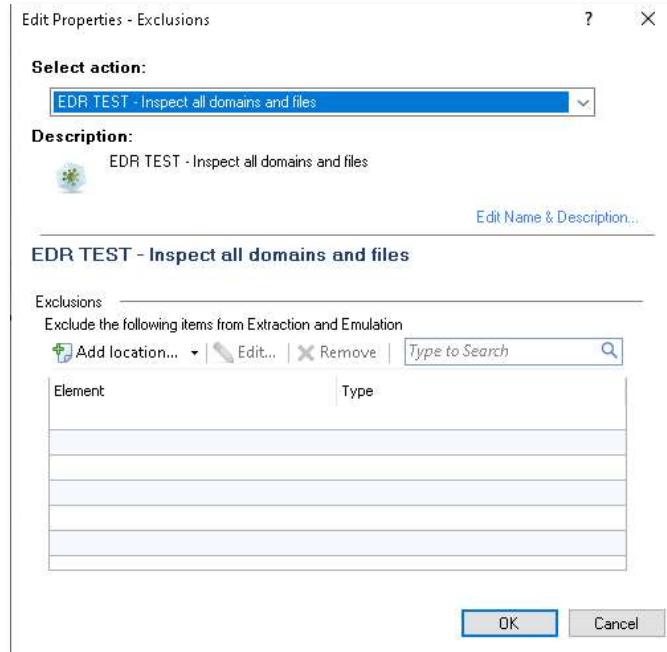
Threat Extraction is the ability to strip out any live content that could be exploited and very quickly deliver a sanitized copy to the end user right away. This feature only works with the Browser plugin.

Threat Emulation can run with the browser plugin as pre-download protection, and it also can run in the background when a supported file is written to the hard disk.

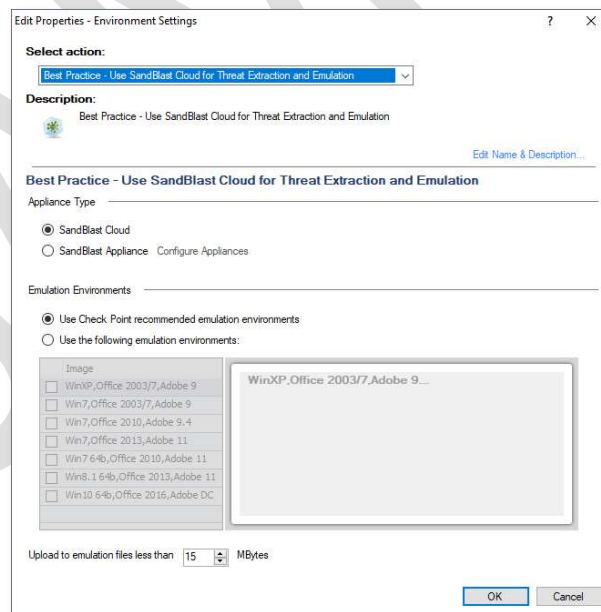
Anti-Exploit performs additional inspection around the most vulnerable applications like Microsoft Office, Internet Explorer, Edge, Flash, RDP, Java, etc.

### **Best Practice configuration**

There is the option under exclusions to add locations and folders of applications you deem to be safe. Only put exclusions of applications you know to be safe. We are only emulating file types that are supported by Threat Emulation. An example would be an application that generates dozens of PDF files on a hard disk. These files being generated on the server, should not introduce a security risk and may not need to be emulated:



The Threat emulation engine should use the threat cloud engine unless the local TE appliance exists on Check Point architecture:





Zero Phishing and Password Reuse are included in the Browser plugin. It is assumed that admins are not accessing the internet or inputting passwords on a web browser on a server, to make this feature works properly, configure your company domain into the *Protected Domains* section:

Edit Properties - Zero Phishing Settings

**Select action:**  
EDR TEST - Zero Phishing Settings

**Description:**  
EDR TEST - Zero Phishing Settings  
[Edit Name & Description...](#)

---

**EDR TEST - Zero Phishing Settings**

**Phishing Prevention**

Check if web forms asking for personal information are impersonating others sites:

Phishing Protection: Prevent Access and Log

Send log on each scanned site  
 Allow user to dismiss the phishing alert and continue to access the site  
 Allow user to abort phishing scans

**Password Reuse**

Check if corporate are used in non-corporate sites:

Password Reuse Protection: Alert User and Log

**Protected Domains**

Protect the following domains:

[Add Item...](#) | [Edit...](#) | [Remove](#) |

Element	Type

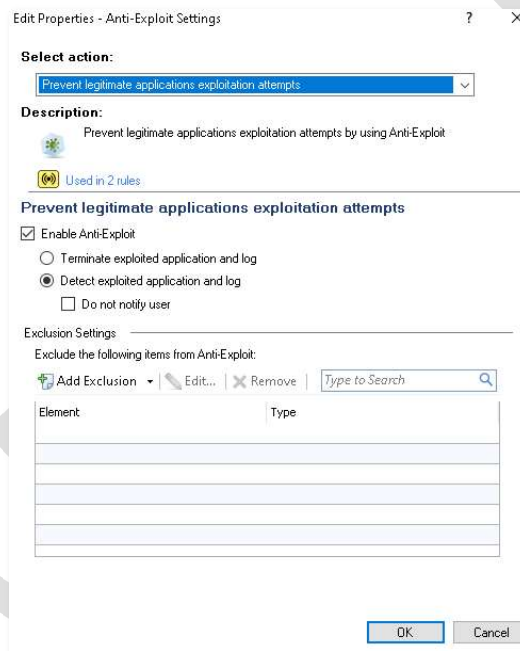
OK Cancel



## ANTI-EXPLOIT ENGINE

The Anti-exploit engine further evaluates the most vulnerable applications that are highly exploitable. This includes internet explorer, java, flash, and office as well as new protections around the remote desktop protocol; this is recommended especially for Windows Servers.

Test applications functionality, and you can add exceptions for false positive if exists:







## FIREWALL

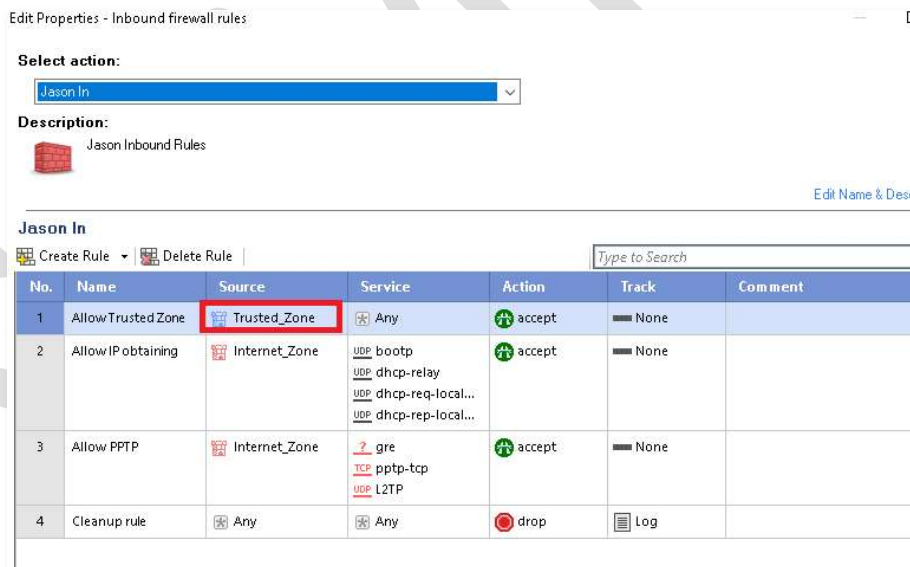
Endpoint Security client installation disabled Windows Defender Firewall, using Microsoft's "wscsvc" service.

For the latest windows updates according to Microsoft there is the absence of "wscsvc" service, or AD GPO can disable the option to turn off Windows Defender Firewall, for these cases, Windows Defender Firewall should be disabled on all machines before deploying the Endpoint Security Client.

Only one custom Firewall rule exists:



Consider configure Trusted Zones with CIBC's trusted network to allow network inbound traffic for support or user machine monitoring:





## APPLICATION CONTROL / URL FILTERING

This is disabled currently:

A screenshot of a software interface window for configuring a rule. At the top, there are two buttons: "Edit rule" with a pencil icon and "Remove Direct Assignment" with a person icon. Below the buttons is a section titled "Rule" with a green document icon. The configuration details are as follows:

- Rule Name:** Default Application Control settings for the entire organization
- Enforced When:** Connected (with a green plus icon)
- Actions:** Disables Application Control: Disable Application Control Policy (with a document icon and a minus sign)

SAMPLE



## VIRTUAL GROUPS BEST PRACTICES

In order to test new Operating Systems version and/or new Laptops/Desktops hardware, its recommended to create a separate Virtual Group, associate only the new endpoint devices and this allows to configure new policies parameters in a transparent way without impacting all the devices.

1. Create a Virtual Group named **Staging**
  - a. This can be useful to test the New Harmony Endpoint client as well.
  
2. Create a Virtual Group **Troubleshooting**:
  - a. Create a Troubleshooting rule in order to move (temporary) machines to disable features or modify the security policies, without affecting all devices associated with a rule.



## POLICY CONFIGURATION BEST PRACTICES

The following configuration is part of the best practice configuration for Forensics and Remediation:

Edit Properties - Triggers and Automatic Response

**Select action:**  
Best Practice - Forensics and Remediation

**Description:**  
Best Practice - Forensics and Remediation  
[Edit Name & Description...](#)

**Best Practice - Forensics and Remediation**  
Configure condition or confidence level of event for an automatic response

Action	Condition or event confidence level	
Forensics Analysis	Always	<a href="#">Settings</a>
File Quarantine	Medium And High	<a href="#">Settings</a>
Machine Quarantine	Never	<a href="#">Settings</a>
Attack Remediation	Medium And High	<a href="#">Settings</a>

[Override confidence level per specific event \(5 overrides\)](#)

OK Cancel

Edit Properties - Attack Remediation

**Select action:**  
Best Practice - Quarantine actions

**Description:**  
Best Practice - Quarantine actions  
[Edit Name & Description...](#)

**Best Practice - Quarantine actions**  
Remediate files based on Forensics Analysis model

Malicious files	Quarantine
Suspicious Files	Quarantine
Unknown Files	Quarantine
Trusted Files	Terminate

OK Cancel

## SYSTEM HEALTHCHECK

### System information:

Platform:	VMware Virtual Platform
Model:	Intel(R) Xeon(R) CPU E5-2650 v3
CPUs Total:	8
RAM Total (KB):	32726564

### Known Issue found on /var/log/messages:

- Core dump file created for FWM process:

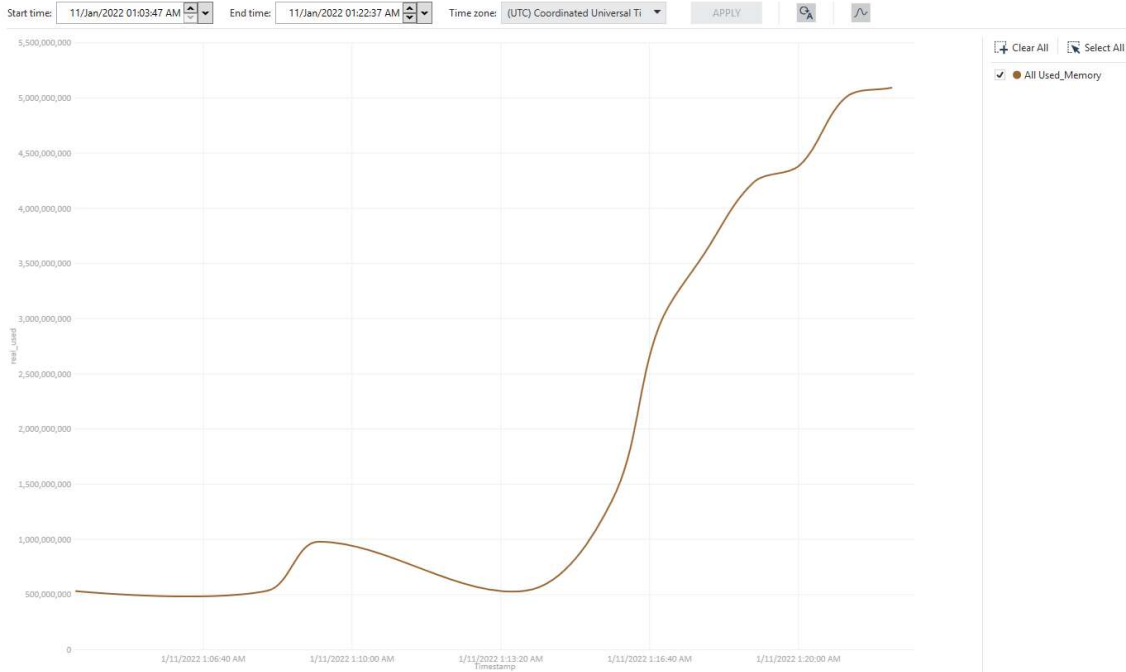
```
EPDRV01 kernel: fwm[9054]: segfault at 1c ip 00000000f381b1c0 sp 00000000ffd87a80 error 6 in libDataStruct.so[f37f2000+6d000]
```

### Recommendation:

there are multiple fixes for FWM process on latest **R80.40 JHF take 139**:

PRJ-30883, PMTR-62059	Security Management	In rare scenarios, during an upgrade, the <i>FWM</i> process may unexpectedly exit with a core dump file.
--------------------------	------------------------	---

- The RAM memory level usage is in a good state.



- Interface health in a good state, there are 0.04% of packet drop, so is not relevant or implies any issue for Endpoint Client communication:

```
eth0    Link encap:Ethernet HWaddr 00:50:56:89:46:18
        inet addr:10.1.15.169 Bcast:10.1.15.255 Mask:255.255.255.0
        UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
        RX packets:204662 errors:0 dropped:0 overruns:0 frame:0
        TX packets:193411 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:50052470 (47.7 MiB) TX bytes:63718820 (60.7 MiB)
```

- Clean log files, the /var/log/partition reach 84%:

Filesystem	Type	Size	Used	Avail	Use%	Mounted on
/dev/mapper/vg_splat-lv_current	xfs	50G	18G	33G	36%	/
proc	proc	0	0	0	-	/proc
sysfs	sysfs	0	0	0	-	/sys
devpts	devpts	0	0	0	-	/dev/pts
/dev/sda1	ext3	291M	43M	233M	16%	/boot
tmpfs	tmpfs	16G	2.4M	16G	1%	/dev/shm
<b>/dev/mapper/vg_splat-lv_log</b>	<b>xfs</b>	<b>30G</b>	<b>26G</b>	<b>5.0G</b>	<b>84%</b>	<b>/var/log</b>
none	binfmt_misc	0	0	0	-	/proc/sys/fs/binfmt_misc





## APPENDIX 1 – RELATED SK

Endpoint Security Homepage - [sk117536](#)

SandBlast Agent Best Practice Configuration - [sk154052](#)

## APPENDIX 2 – DOCUMENTATION

Harmony Endpoint Administration Guide

SAMPLE



## CONCLUSION

The general feedback is that the Check Point configuration is adequate but improvements must be made to reach the standard of "best practice". The steps below and in the supporting documentation will help [ COMPANY\_NAME ] significantly.

The transformation could take several weeks of effort. Check Point Professional Services can support [ COMPANY\_NAME ] through this transition and ensure that the Check Point installed products are optimally utilized.

On behalf of Check Point Professional Services, I would like to say thank you for being a loyal customer. It has been a pleasure supplying you with these observations. Should you have any questions please do not hesitate to reach out.

**John Smith**

Check Point Professional Services Consultant  
jsmith@checkpoint.com

Report Completed on:

Friday, July 8, 2022



ENDPOINT

MOBILE

EMAIL & OFFICE

CONNECT (SASE)

BROWSER

Check Point

# Harmony

Highest Level of Security for Remote Users



**Worldwide Headquarters**

5 Ha'Solelim Street, Tel Aviv 67897, Israel | Tel: 972-3-753-4555 | Fax: 972-3-624-1100 | Email: info@checkpoint.com

**U.S. Headquarters**

959 Skyway Road, Suite 300, San Carlos, CA 94070 | Tel: 800-429-4391; 650-628-2000 | Fax: 650-654-4233

[www.checkpoint.com](http://www.checkpoint.com)



**YOU DESERVE THE BEST SECURITY**