



Report

Hardware Utilization

Reference No : R-NOC-5.3
Version No : 01
Week No : 27

Prepared by:

Position / Title	Name	Signature	Date
Senior Network Support Engineer	Maurice Mendoza		07/06/2019

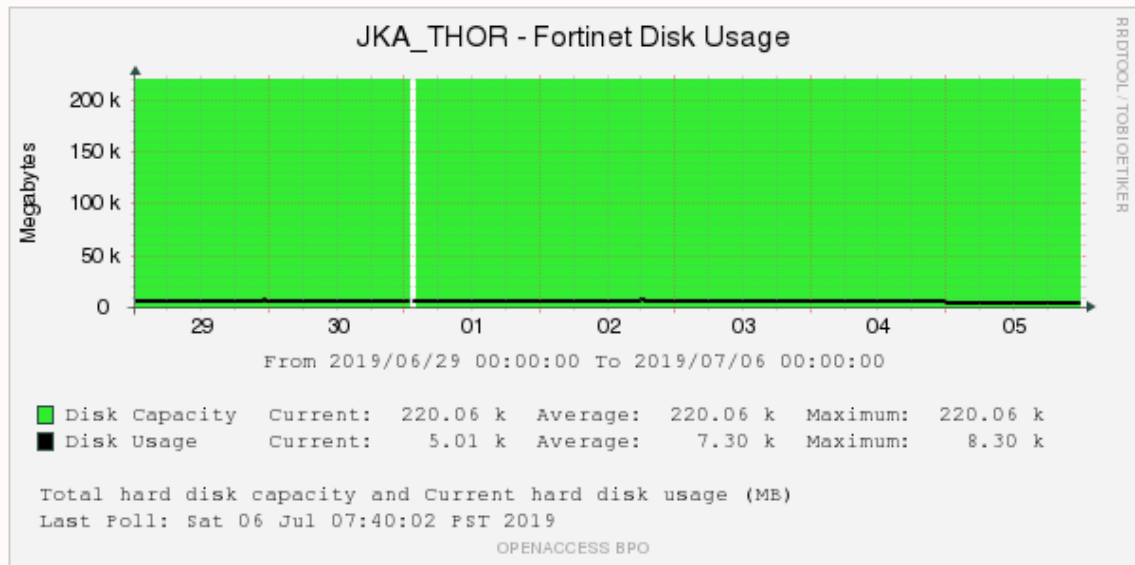
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Process Owner: IT Department	REPORT	R-NOC-5.3
	Hardware Utilization Report	

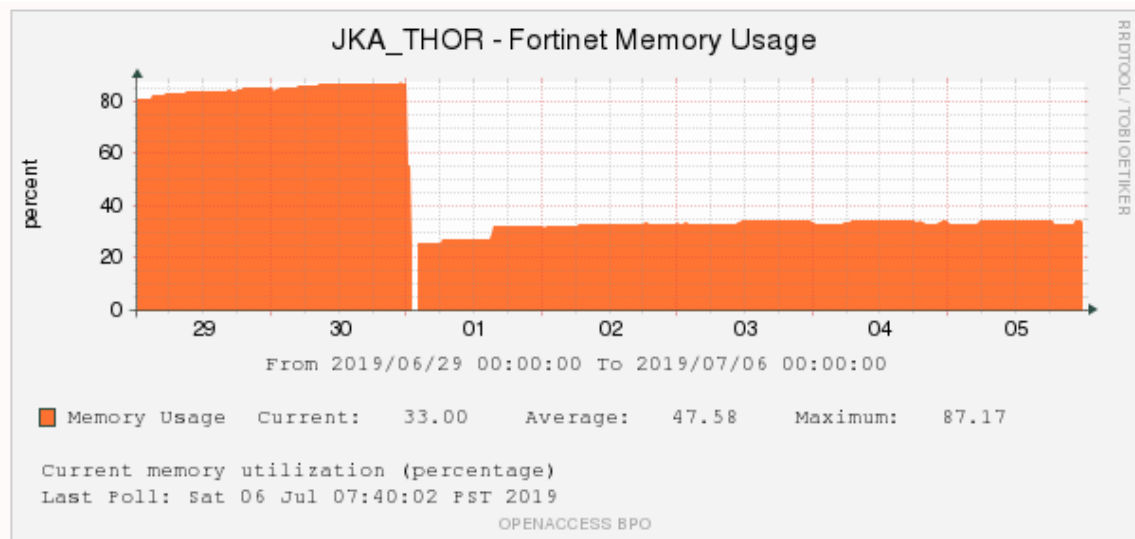
1.0 UTILIZATION GRAPHS (FIREWALL)

1.1 THOR

Disk:

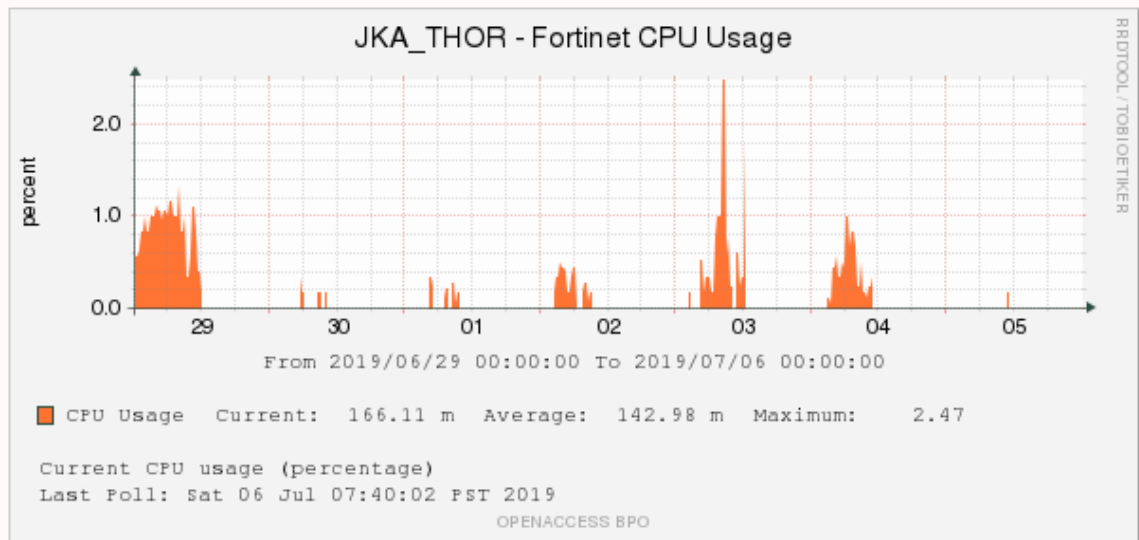


RAM: 8 GB

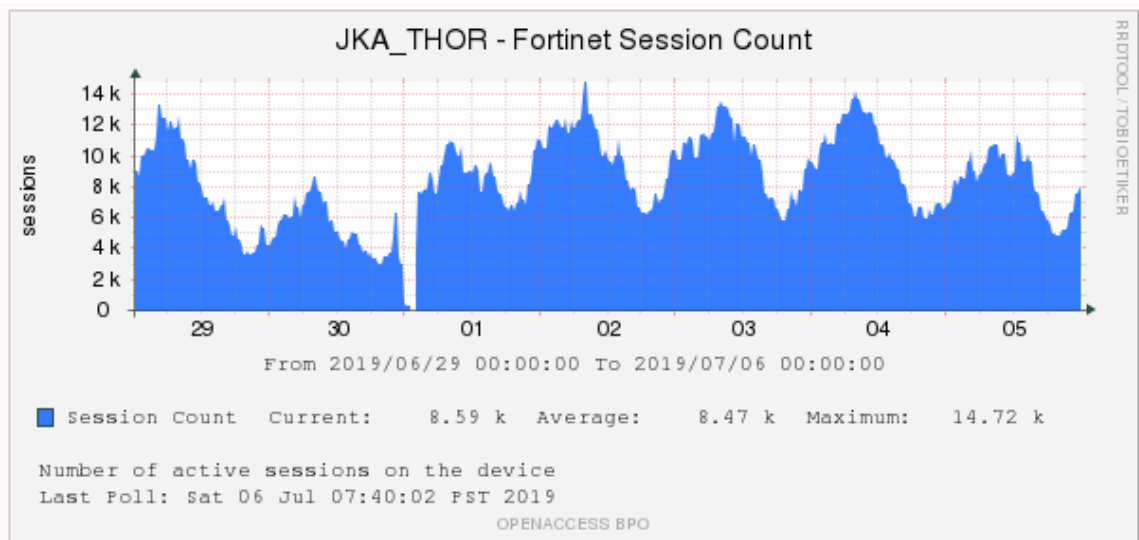


CPU: 4-Core

Process Owner: IT Department	REPORT	R-NOC-5.3
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Sessions:



License Information:

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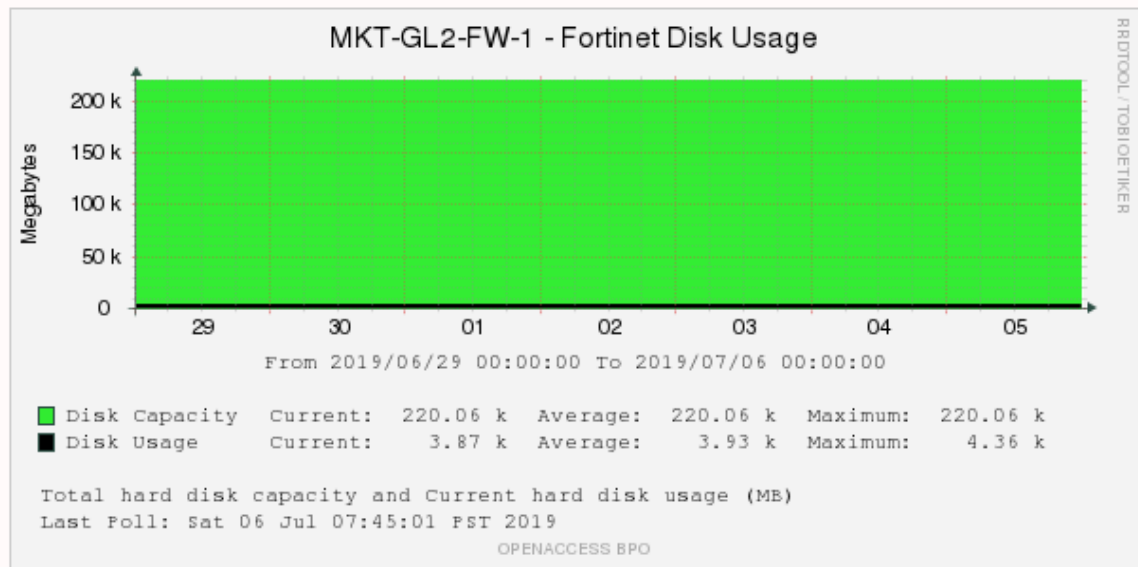
Process Owner: IT Department	REPORT	R-NOC-5.3
	Hardware Utilization Report	

Entitlement	Status	
FortiCare Support	✔ Registered - itgroup@openaccessmarketing.com	Launch Portal
Hardware Version	✔ Advanced hardware - expires on 2020/02/11	
Enhanced Support	✔ 24x7 support - expires on 2020/02/11	
Firmware & General Updates	✔ Licensed - expires on 2020/02/11	
Application Control Signatures	⦿ Version 14.00643	Upgrade Database
Device & OS Identification	⦿ Version 1.00079	
Internet Service Database Definitions	⦿ Version 5.00615	
Intrusion Prevention	✔ Licensed - expires on 2020/02/11	
IPS Definitions	⦿ Version 14.00643	Upgrade Database
IPS Engine	⦿ Version 4.00029	
Malicious URLs	⦿ Version 2.00348	
AntiVirus	✔ Licensed - expires on 2020/02/11	
AV Definitions	⦿ Version 69.00756	Upgrade Database
AV Engine	⦿ Version 6.00019	
Botnet IPs	⦿ Version 4.00515	
Botnet Domains	⦿ Version 2.00279	View List
Mobile Malware	⦿ Version 69.00756	View List

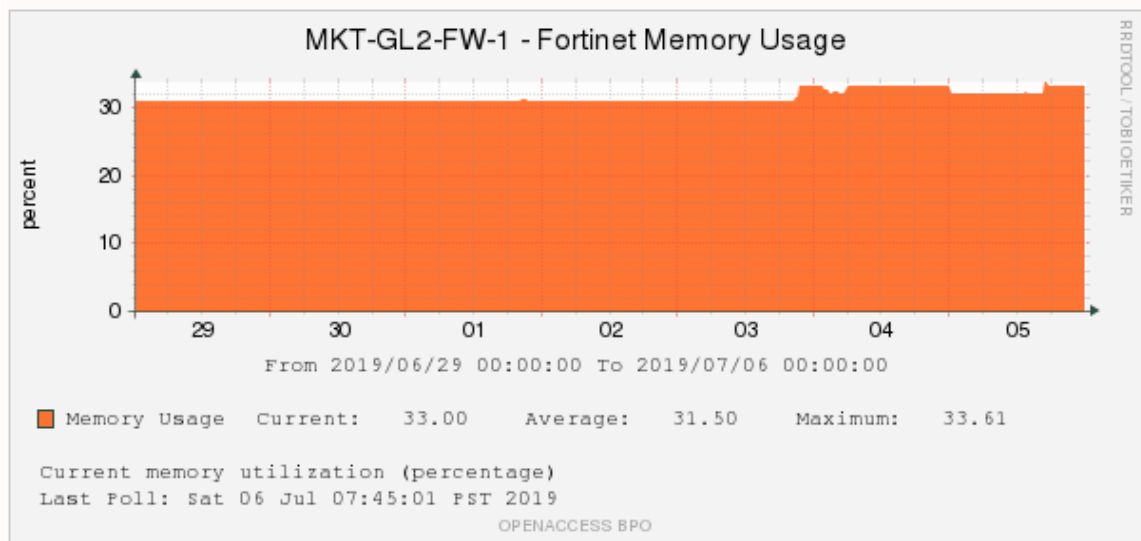
1.2 MKT-GL2-FW-1

Disk:

Process Owner: IT Department	REPORT	R-NOC-5.3
	<i>Hardware Utilization Report</i>	

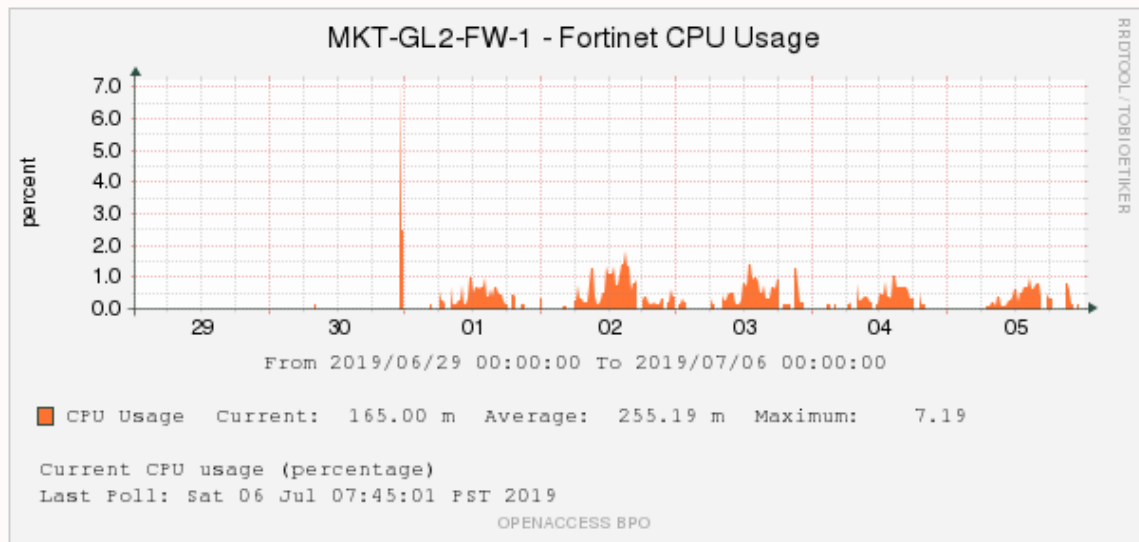


RAM: 8 GB

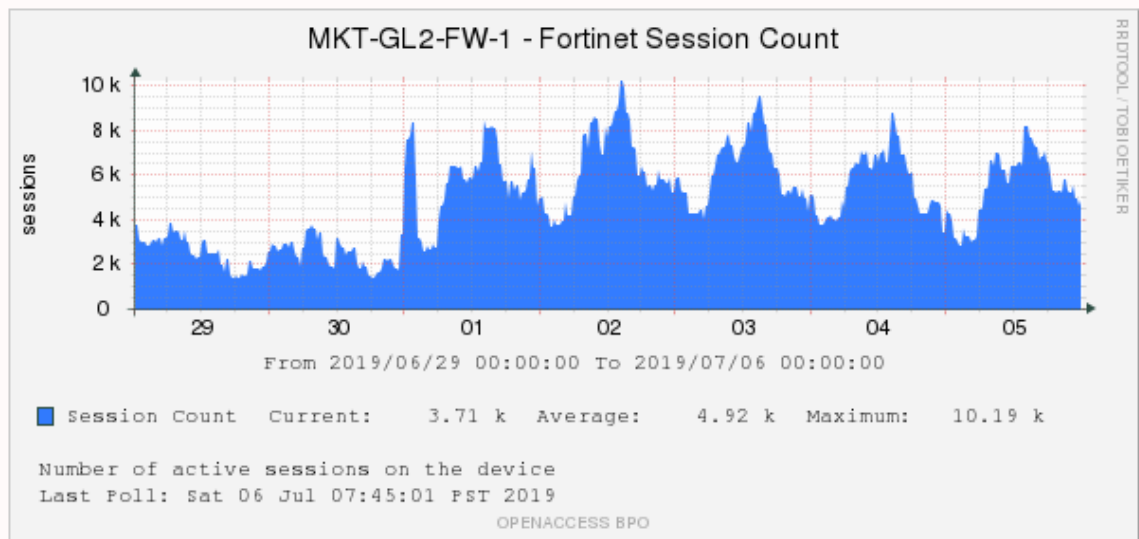


CPU: 4-Core

Process Owner: IT Department	REPORT	R-NOC-5.3
	Hardware Utilization Report	



Sessions:



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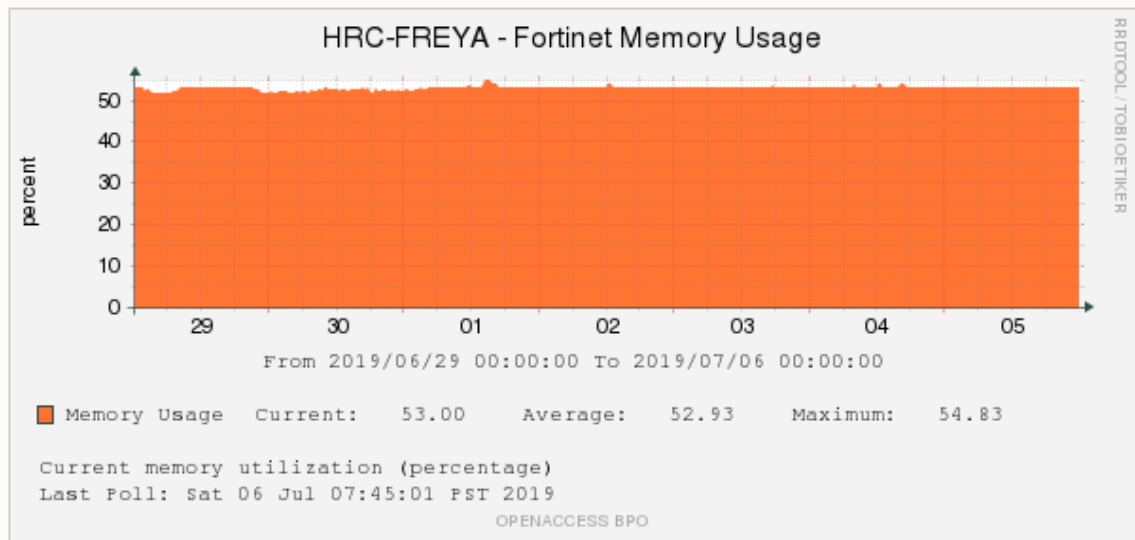
Process Owner: IT Department	REPORT	R-NOC-5.3
	<i>Hardware Utilization Report</i>	

Entitlement	Status	
FortiCare Support	✔ Registered - itgroup@openaccessmarketing.com	Launch Portal
Hardware Version	✔ Advanced hardware - expires on 2020/04/23	
Enhanced Support	✔ 24x7 support - expires on 2020/04/23	
Firmware & General Updates	✔ Licensed - expires on 2020/04/23	
Application Control Signatures	⦿ Version 14.00644	Upgrade Database
Device & OS Identification	⦿ Version 1.00079	
Internet Service Database Definitions	⦿ Version 5.00615	
Intrusion Prevention	✔ Licensed - expires on 2020/04/23	
IPS Definitions	⦿ Version 14.00644	Upgrade Database
IPS Engine	⦿ Version 4.00029	
Malicious URLs	⦿ Version 2.00348	
AntiVirus	✔ Licensed - expires on 2020/04/23	
AV Definitions	⦿ Version 69.00762	Upgrade Database
AV Engine	⦿ Version 6.00019	
Botnet IPs	⦿ Version 4.00515	
Botnet Domains	⦿ Version 2.00279	View List
Mobile Malware	⦿ Version 69.00762	View List

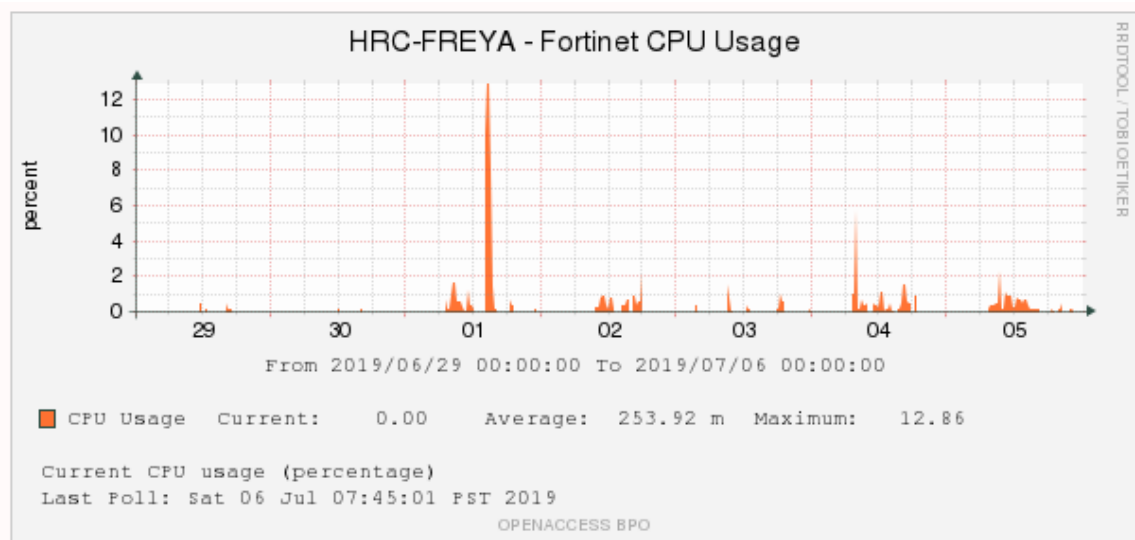
1.3 FREYA

RAM: 2 GB

Process Owner: IT Department	REPORT	R-NOC-5.3
	<i>Hardware Utilization Report</i>	

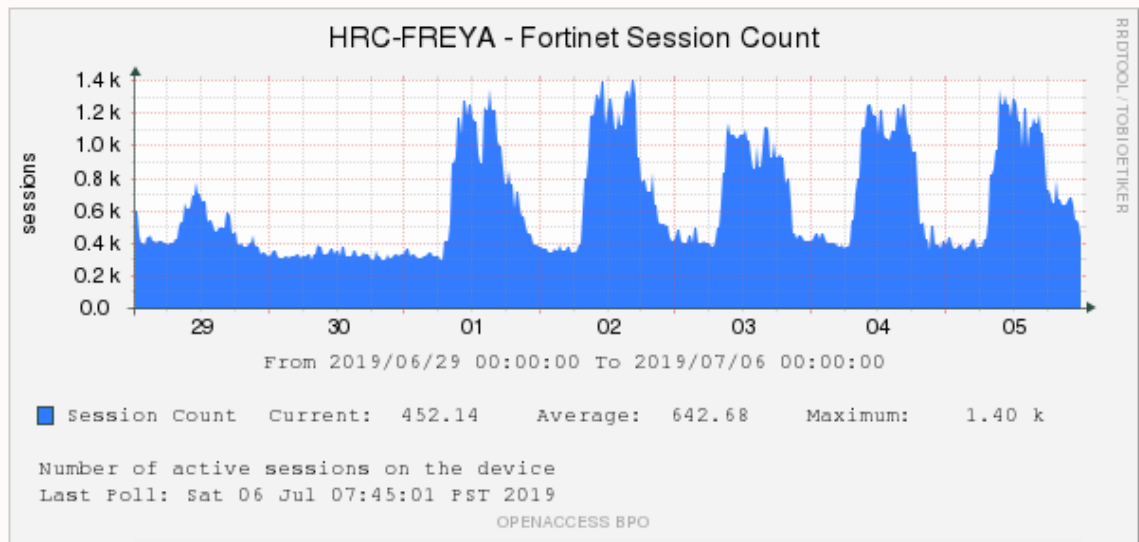


CPU: 4-Core



Sessions:

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License Information:

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	Hardware Utilization Report	

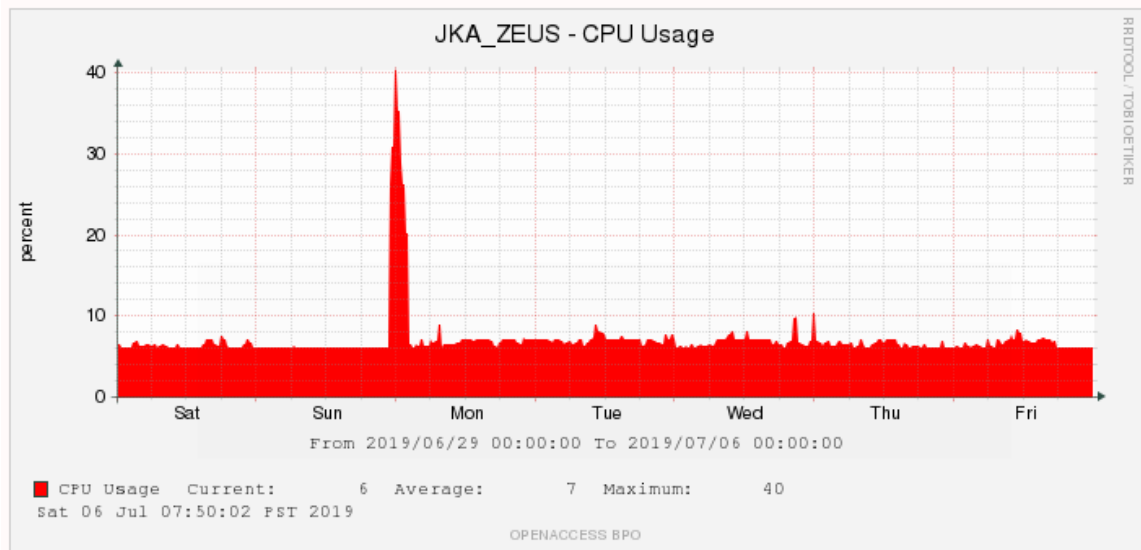
Contract	Status	
FortiCare Support	✔ Registered (itgroup@openaccessmarketing.com)	Launch Portal
Hardware Version	✔ 8 x 5 support (Expires on 2020-04-20)	
Comprehensive Support	✔ 24 x 7 support (Expires on 2020-03-27)	
Firmware	✔ 8 x 5 support (Expires on 2020-04-20)	
Enhanced Support	✔ 24 x 7 support (Expires on 2020-04-20)	
IPS & Application Control	✔ Licensed (Expires on 2020-04-20)	Upload Package
IPS Definitions	⦿ Version 14.00644	
IPS Engine	⦿ Version 3.00539	
AntiVirus	✔ Licensed (Expires on 2020-04-20)	Upload Package
AV Definitions	⦿ Version 1.00000	
AV Engine	⦿ Version 5.00361	
Botnet IPs	⦿ Version 4.00515	View List
Botnet Domains	⦿ Version 2.00279	View List
Mobile Malware	✖ Not Registered	
Mobile Malware Definitions	⦿ Version 69.00756	
Web Filtering	✔ Licensed (Expires on 2020-04-20)	
Anti-Spam Filtering	✔ Licensed (Expires on 2020-04-20)	

2.0 UTILIZATION GRAPHS (CORE SWITCHES)

2.1 ZEUS

CPU Utilization

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3.0 ANALYSIS AND RECOMMENDATIONS

All utilizations are still within the threshold based on our monitoring baseline.

FortiGate - JAKA		
	Acceptable	Weekly Utilization
CPU Utilization	not more than 50%	2.47%
Memory Utilization	not more than 80%	87.00%
Storage Utilization	not more than 90%	8.30%

FortiGate - G2		
	Acceptable	Weekly Utilization
CPU Utilization	not more than 50%	7.19%
Memory Utilization	not more than 80%	33.61%
Storage Utilization	not more than 90%	4.36%

FortiGate - HRC		
	Acceptable	Weekly Utilization
CPU Utilization	not more than 50%	12.86%
Memory Utilization	not more than 80%	54.83%
Storage Utilization	not more than 90%	-

The license information for **IPS Definitions**, **AV Definitions** and **Botnet IPs** were updated comparing to the license information sent in last week's report. See changes:

FortiGate - Jaka		
	Previous Version	Current Version

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IPS Definitions	14.00641	14.00643
AV Definitions	69.00660	69.00756
Botnet IPs	4.00513	4.00515

Below are the changes in the network for week 27.

Change Management	
Ticket Number	Change
201916604	Circles Life VPN New Phase 2 Selector
201916933	Disabling of IPv4 Logs

All changes above were successful.

The new tool of CirclesLife has been added and is now accessible.

The disabling of logs in PCI Policies were disabled, this caused the memory to drop to 40-45%.

While the logs are disabled, FortiGate still sends logs to Syslog.