



Report

Hardware Utilization

Reference No : R-NOC-5.3
Version No : 01
Week No : 29

Prepared by:

Position / Title	Name	Signature	Date
Senior Network Support Engineer	Maurice Mendoza		07/20/2019

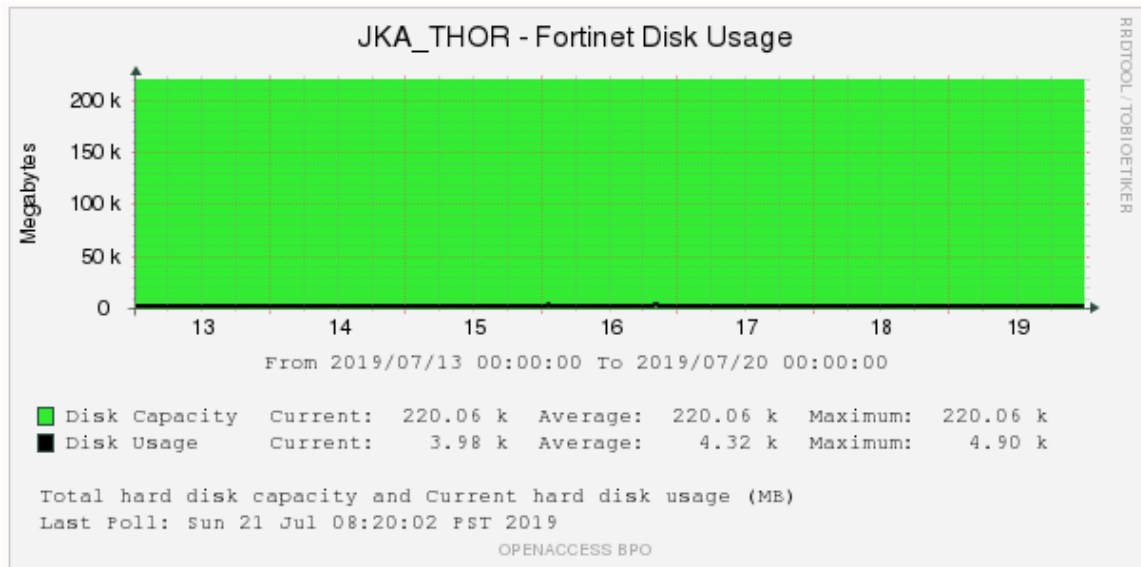
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Process Owner: IT Department	REPORT	R-NOC-5.3
	Hardware Utilization Report	

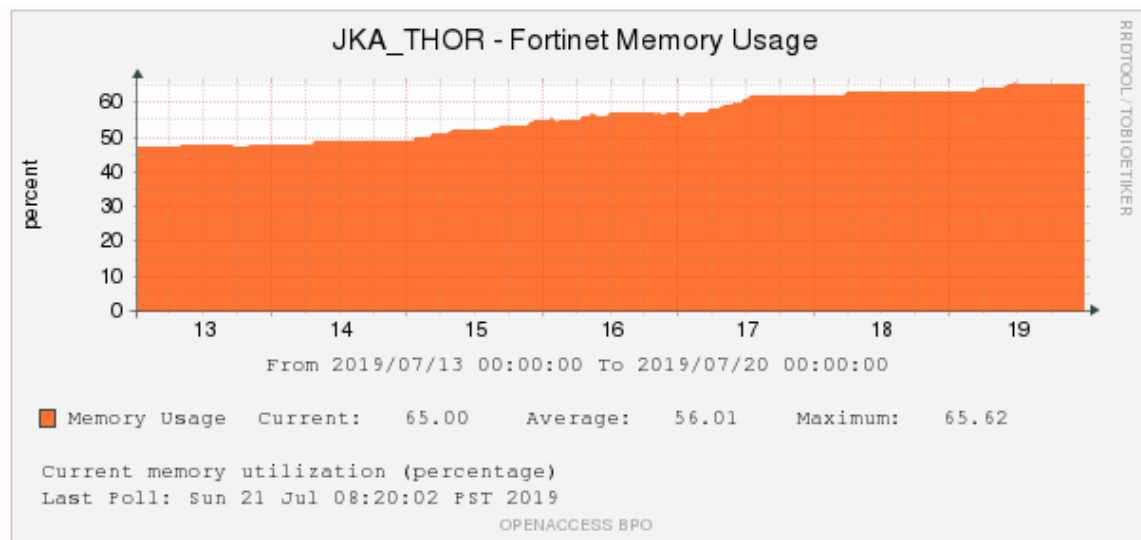
1.0 UTILIZATION GRAPHS (FIREWALL)

1.1 THOR

Disk:

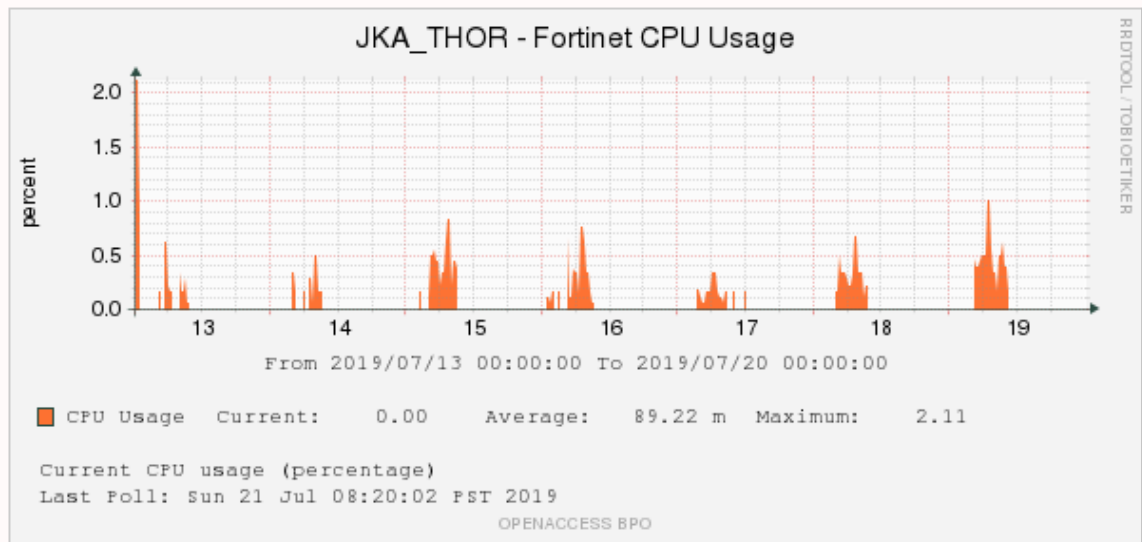


RAM: 8 GB

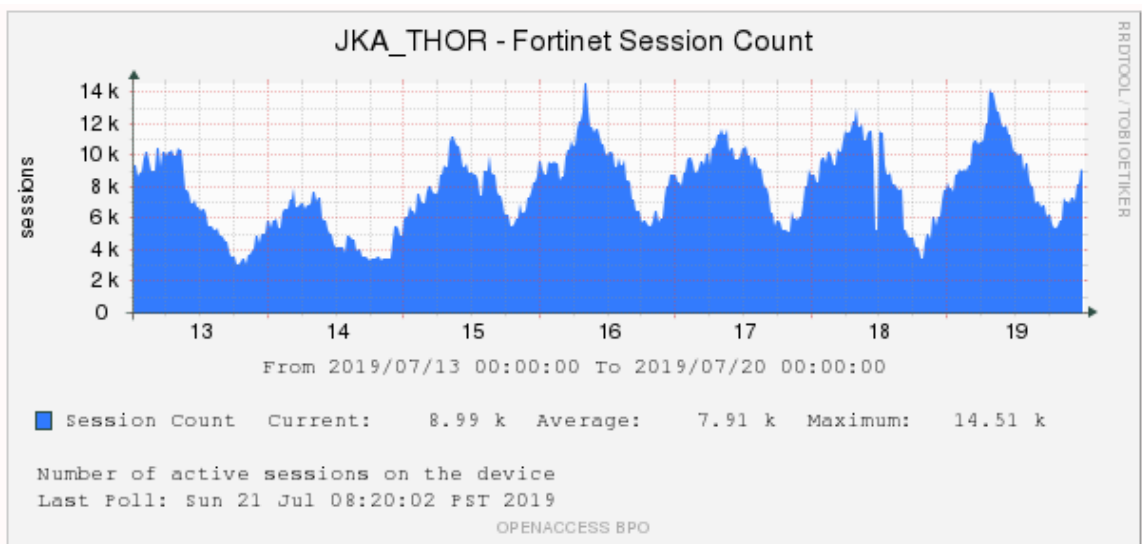


CPU: 4-Core

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



License Information:

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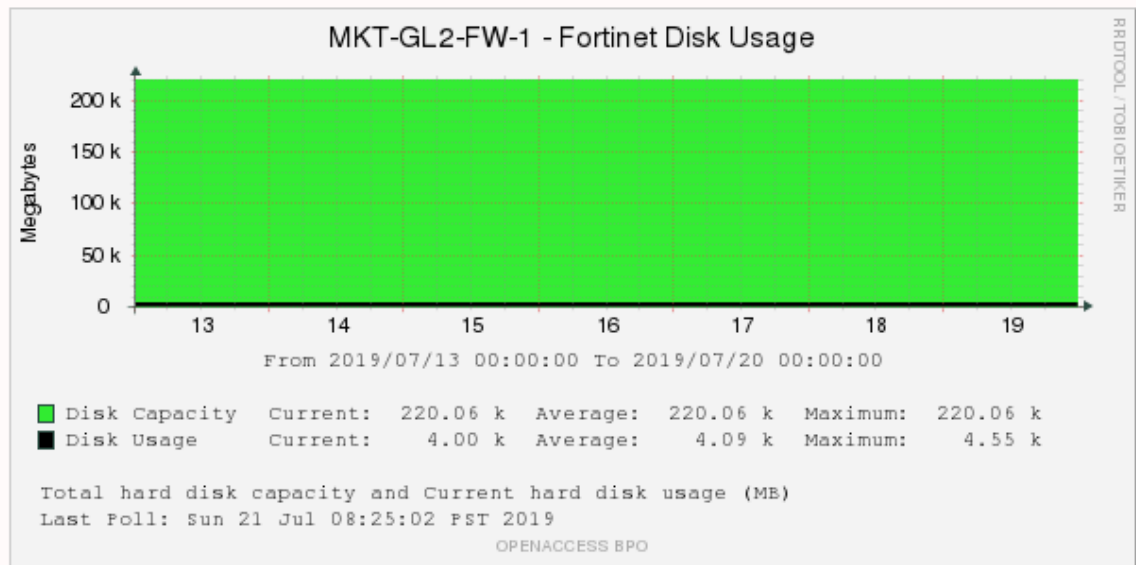
Process Owner: IT Department	REPORT	R-NOC-5.3
	Hardware Utilization Report	

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 14.00655	Upgrade Database
Device & OS Identification	⊙ Version 1.00079	
Internet Service Database Definitions	⊙ Version 7.00007	
Intrusion Prevention	✓ Licensed - expires on 2020/02/11	
IPS Definitions	⊙ Version 14.00656	Upgrade Database
IPS Engine	⊙ Version 4.00029	
Malicious URLs	⊙ Version 2.00363	
AntiVirus	✓ Licensed - expires on 2020/02/11	
AV Definitions	⊙ Version 70.00115	Upgrade Database
AV Engine	⊙ Version 6.00019	
Botnet IPs	⊙ Version 4.00515	View List
Botnet Domains	⊙ Version 2.00287	View List

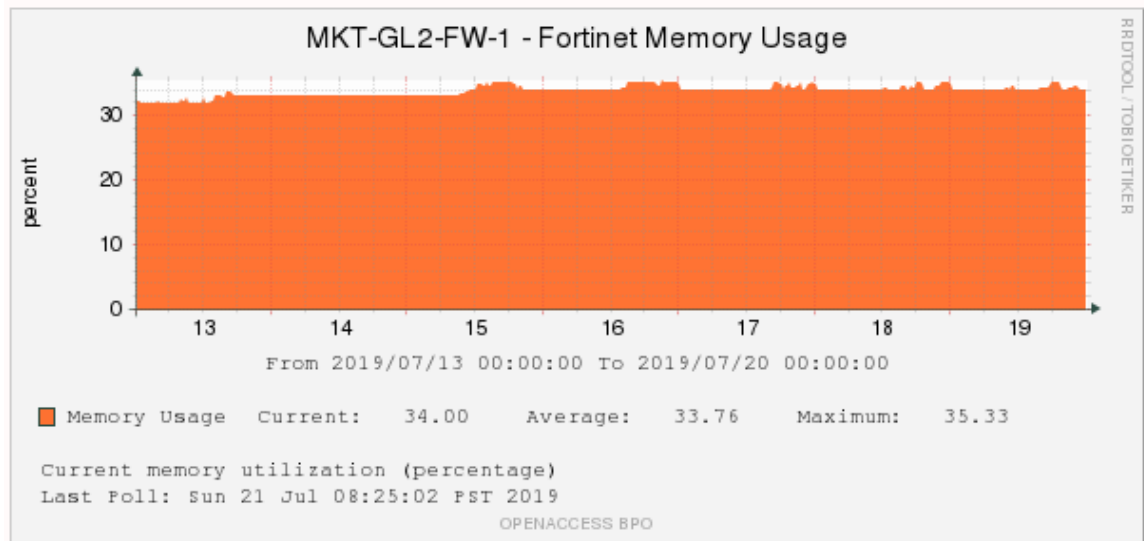
1.2 MKT-GL2-FW-1

Disk:

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

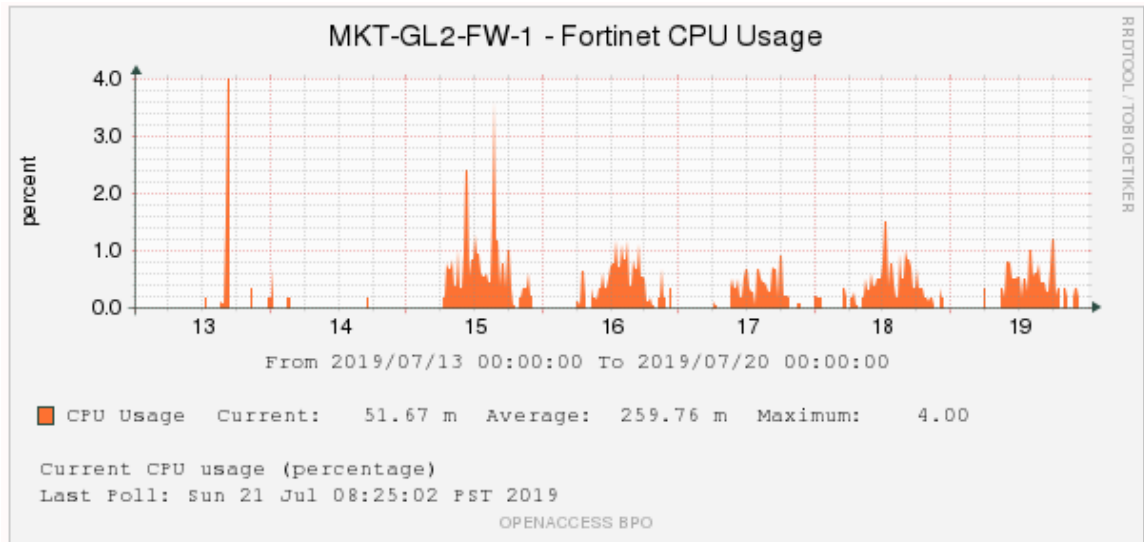


RAM: 8 GB

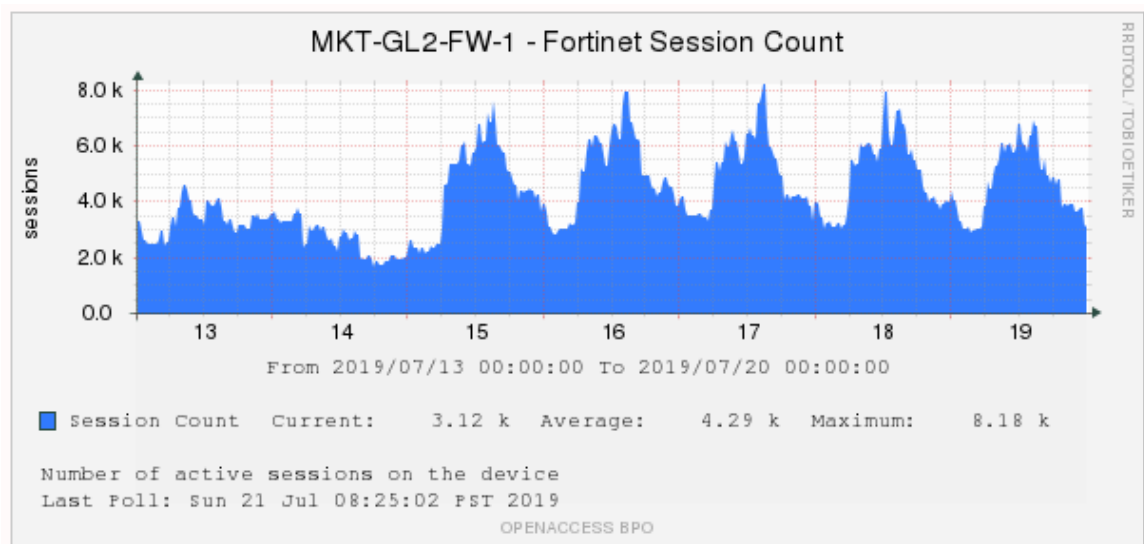


CPU: 4-Core

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



Sessions:



License Information:

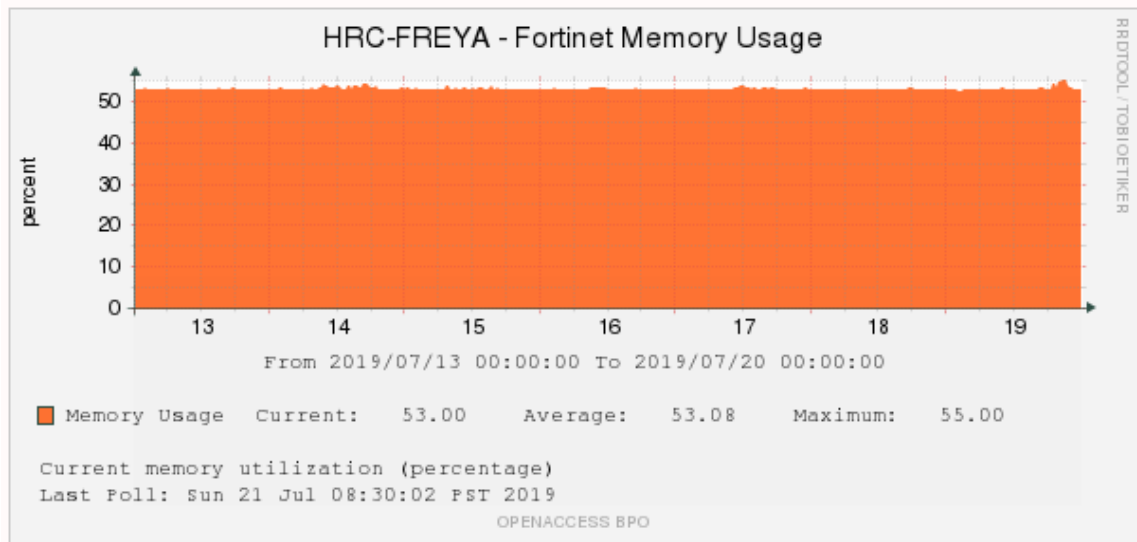
Process Owner: IT Department	REPORT	R-NOC-5.3
	Hardware Utilization Report	

Entitlement	Status	
FortiCare Support	✔ Registered - itgroup@openaccessmarketing.com	Launch Portal
Hardware Version	✔ Advanced hardware - expires on 2020/04/23	
Enhanced Support	✔ 24x7 support - expires on 2020/04/23	
Firmware & General Updates	✔ Licensed - expires on 2020/04/23	
Application Control Signatures	⦿ Version 14.00655	Upgrade Database
Device & OS Identification	⦿ Version 1.00079	
Internet Service Database Definitions	⦿ Version 7.00007	
Intrusion Prevention	✔ Licensed - expires on 2020/04/23	
IPS Definitions	⦿ Version 14.00656	Upgrade Database
IPS Engine	⦿ Version 4.00029	
Malicious URLs	⦿ Version 2.00363	
AntiVirus	✔ Licensed - expires on 2020/04/23	
AV Definitions	⦿ Version 70.00122	Upgrade Database
AV Engine	⦿ Version 6.00019	
Botnet IPs	⦿ Version 4.00515	View List
Botnet Domains	⦿ Version 2.00287	View List

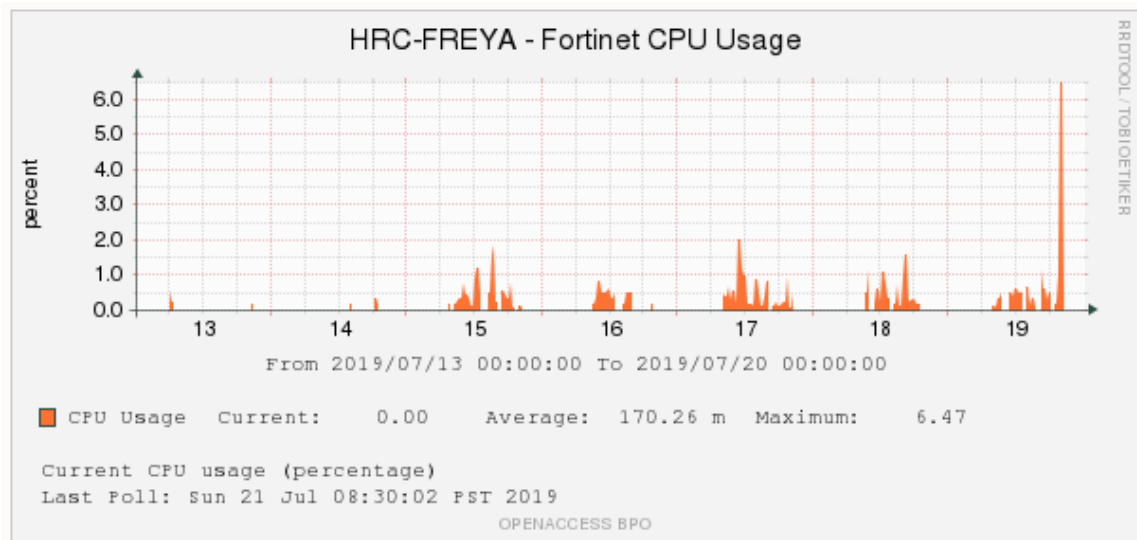
1.3 FREYA

RAM: 2 GB

Process Owner: IT Department	REPORT	R-NOC-5.3
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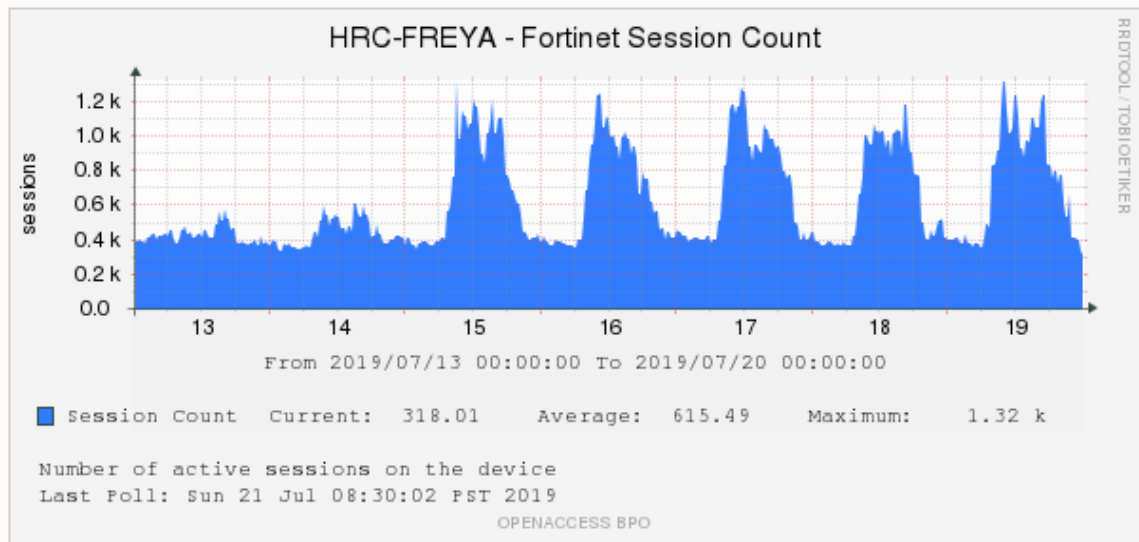


CPU: 4-Core



Sessions:

Process Owner: IT Department	REPORT	R-NOC-5.3
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License Information:

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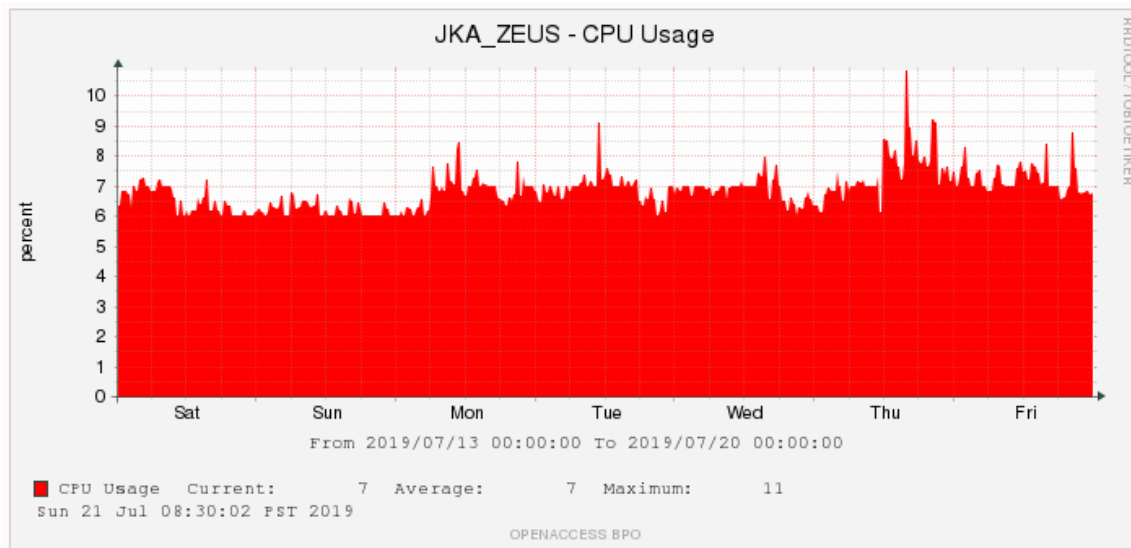
Contract	Status	
FortiCare Support	✓ Registered (itgroup@openaccessmarketing.com)	Launch Portal
Hardware Version	✓ 8 x 5 support (Expires on 2020-04-20)	
Comprehensive Support	✓ 24 x 7 support (Expires on 2020-03-27)	
Firmware	✓ 8 x 5 support (Expires on 2020-04-20)	
Enhanced Support	✓ 24 x 7 support (Expires on 2020-04-20)	
IPS & Application Control	✓ Licensed (Expires on 2020-04-20)	Upload Package
IPS Definitions	⦿ Version 14.00656	
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 2.00287	View List
Mobile Malware	✗ Not Registered	
Mobile Malware Definitions	⦿ Version 70.00117	
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%	2.11%
Memory Utilization	not more than 80%	65.62%
Storage Utilization	not more than 90%	4.90%

FortiGate - G2		
	Acceptable	Weekly Utilization
CPU Utilization	not more than 50%	4.00%
Memory Utilization	not more than 80%	35.33%
Storage Utilization	not more than 90%	4.55%

FortiGate - HRC		
	Acceptable	Weekly Utilization
CPU Utilization	not more than 50%	6.47%
Memory Utilization	not more than 80%	55.00%
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

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	Previous Version	Current Version
IPS Definitions	14.00641	14.00656
AV Definitions	69.00660	70.00115
Botnet IPs	4.00513	4.00515

Below are the changes in the network for week 29.

Change Management	
Ticket Number	Change
201913359	Advent Segment

The change above was successful. The network of Advent has been created including the firewall configuration changes. This has been tested as well.

Memory utilization of Thor has been checked daily.