



## Report

# Hardware Utilization

Reference No : R-NOC-5.3  
Version No : 01  
Week No : 26

**Prepared by:**

Position / Title	Name	Signature	Date
Senior Network Support Engineer	Maurice Mendoza		06/24/2019

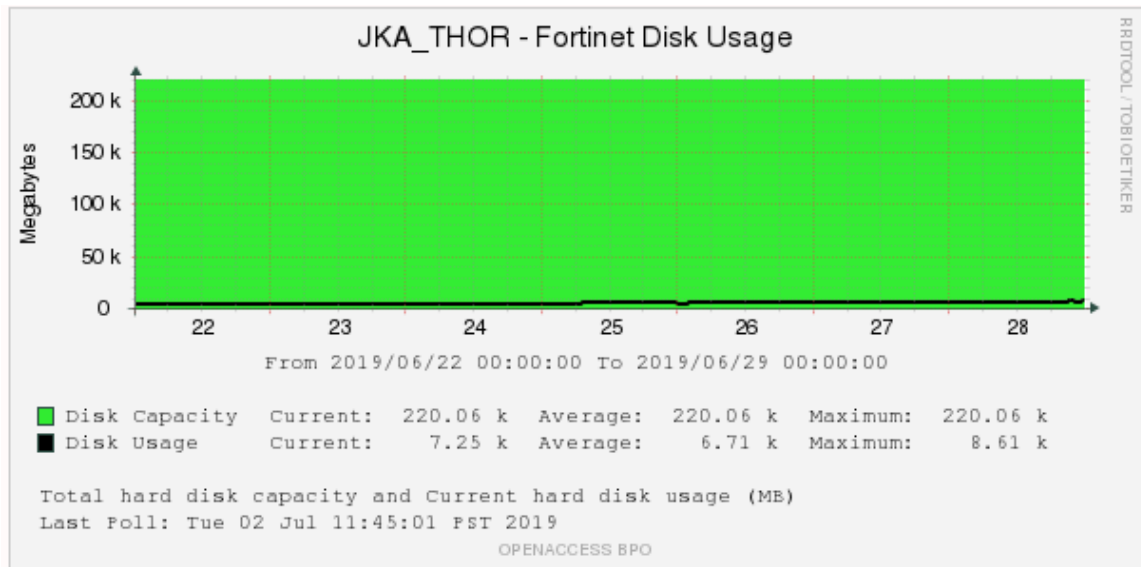
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Process Owner: IT Department	REPORT	R-NOC-5.3
	Hardware Utilization Report	

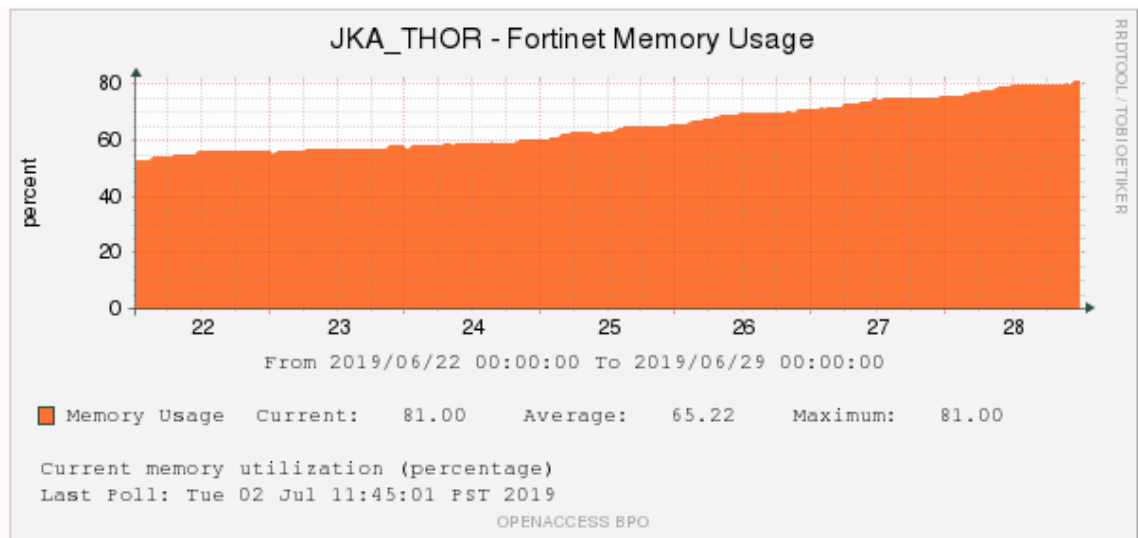
## 1.0 UTILIZATION GRAPHS (FIREWALL)

### 1.1 THOR

Disk:

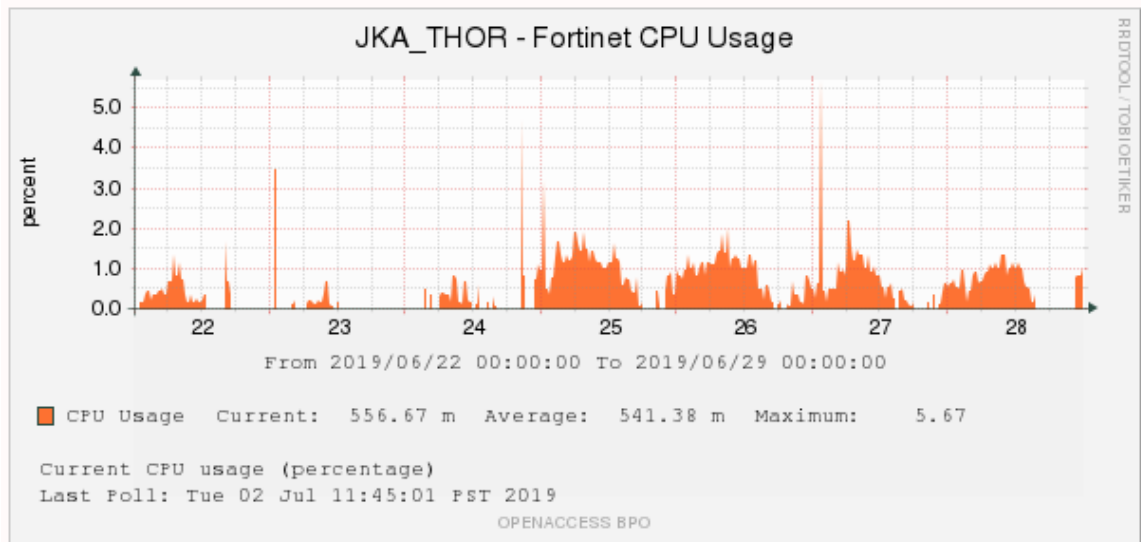


RAM: 8 GB

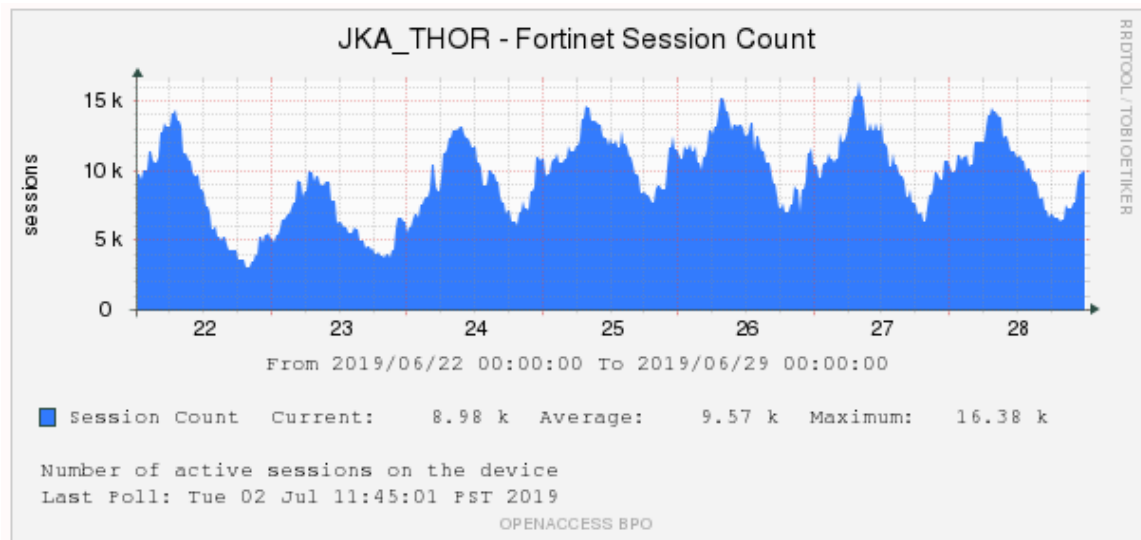


CPU: 4-Core

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Sessions:



License Information:

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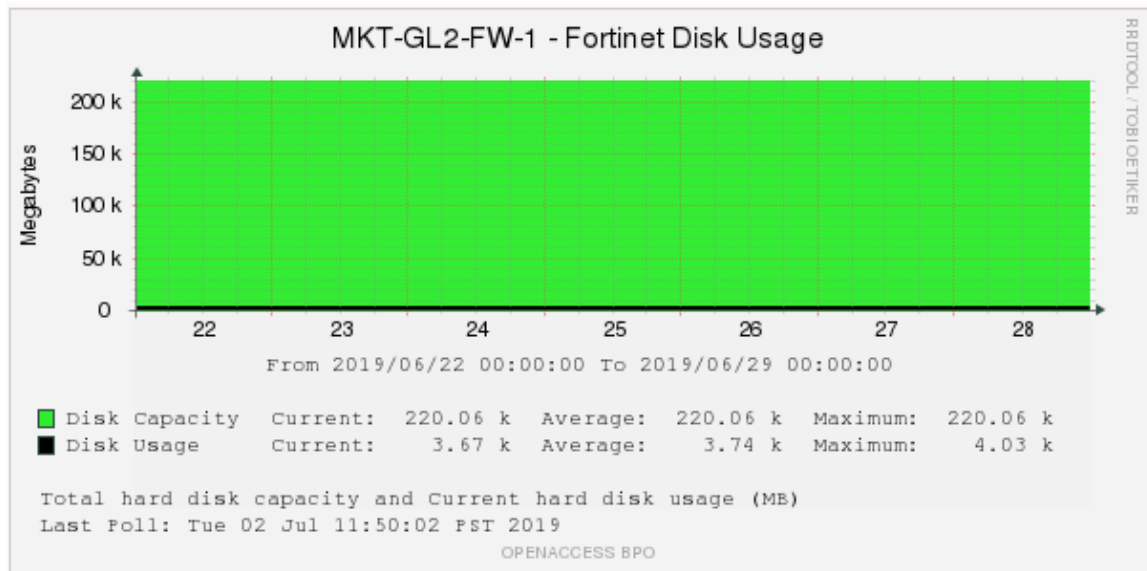
#### License Information

Entitlement	Status	
FortiCare Support	✓ Registered - itgroup@openaccessmarketing.com	<a href="#">Launch Portal</a>
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 14.00641	<a href="#">Upgrade Database</a>
Device & OS Identification	⊙ Version 1.00079	
Internet Service Database Definitions	⊙ Version 5.00612	
Intrusion Prevention	✓ Licensed - expires on 2020/02/11	
IPS Definitions	⊙ Version 14.00641	<a href="#">Upgrade Database</a>
IPS Engine	⊙ Version 4.00029	
Malicious URLs	⊙ Version 2.00347	
AntiVirus	✓ Licensed - expires on 2020/02/11	
AV Definitions	⊙ Version 69.00660	<a href="#">Upgrade Database</a>
AV Engine	⊙ Version 6.00019	
Botnet IPs	⊙ Version 4.00513	
		<a href="#">View List</a>

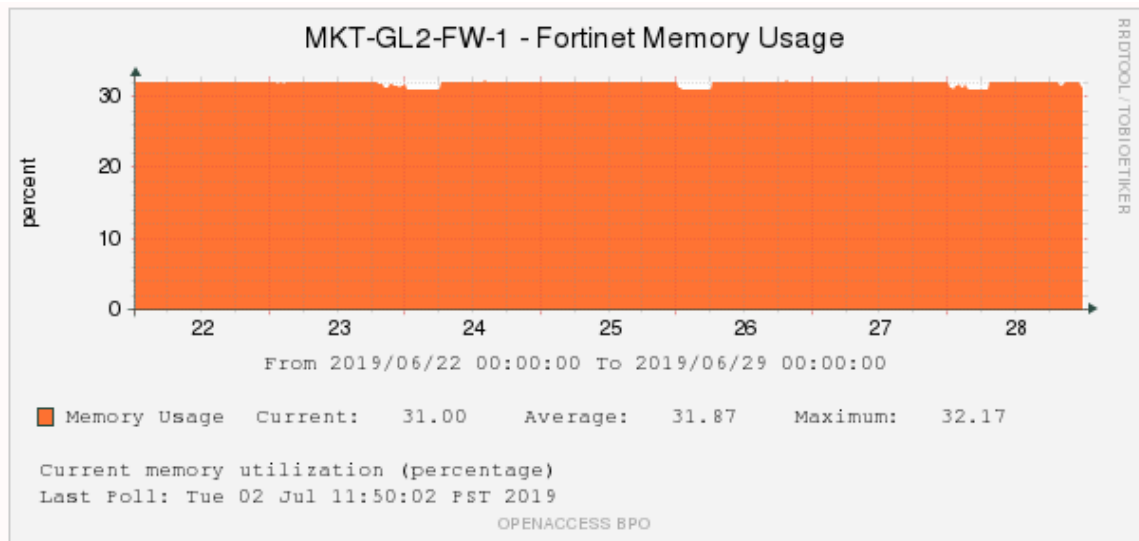
#### 1.2 MKT-GL2-FW-1

Disk:

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

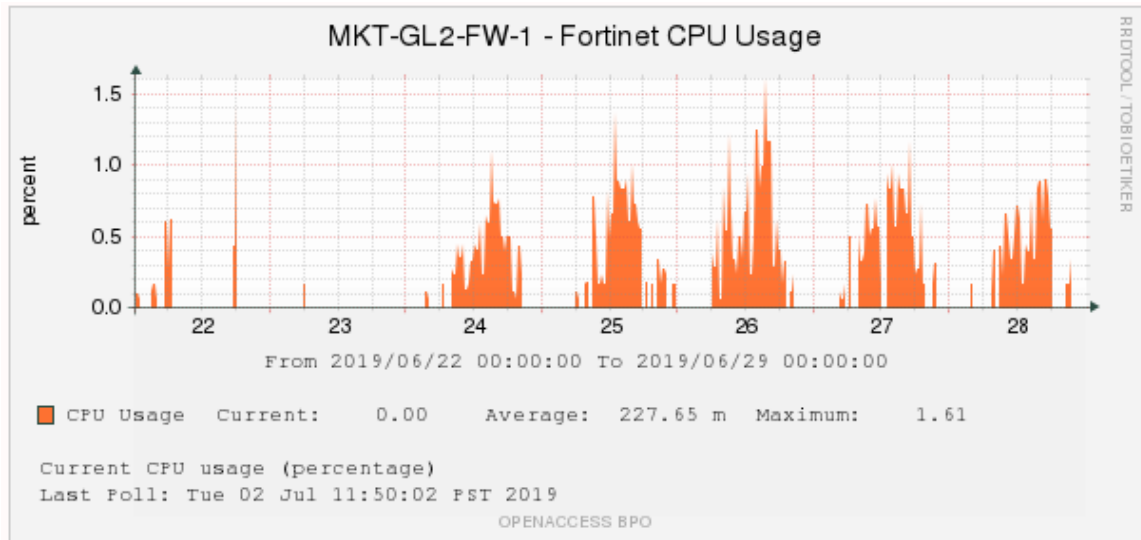


RAM: 8 GB

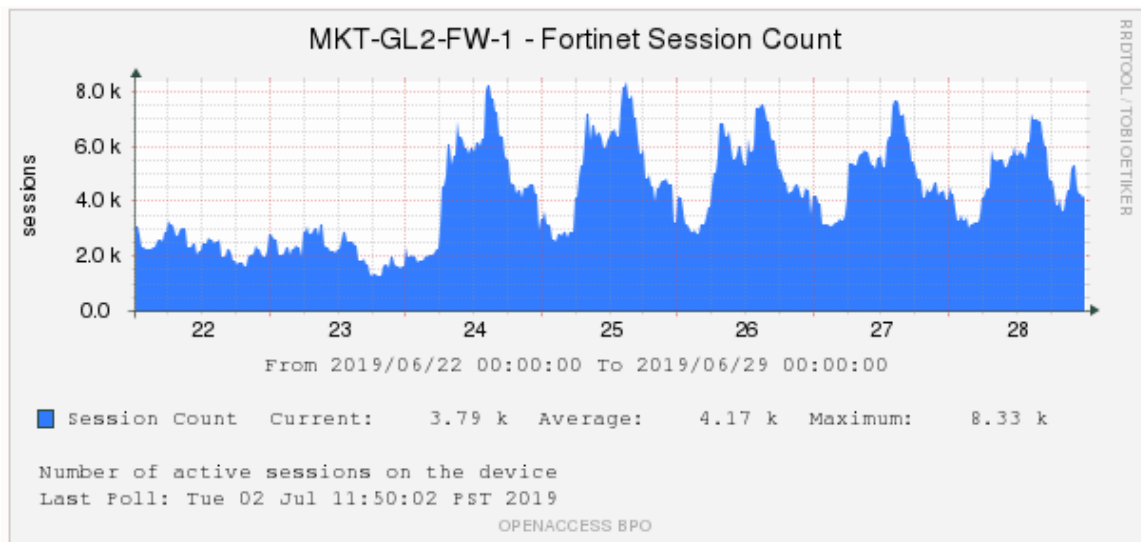


CPU: 4-Core

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



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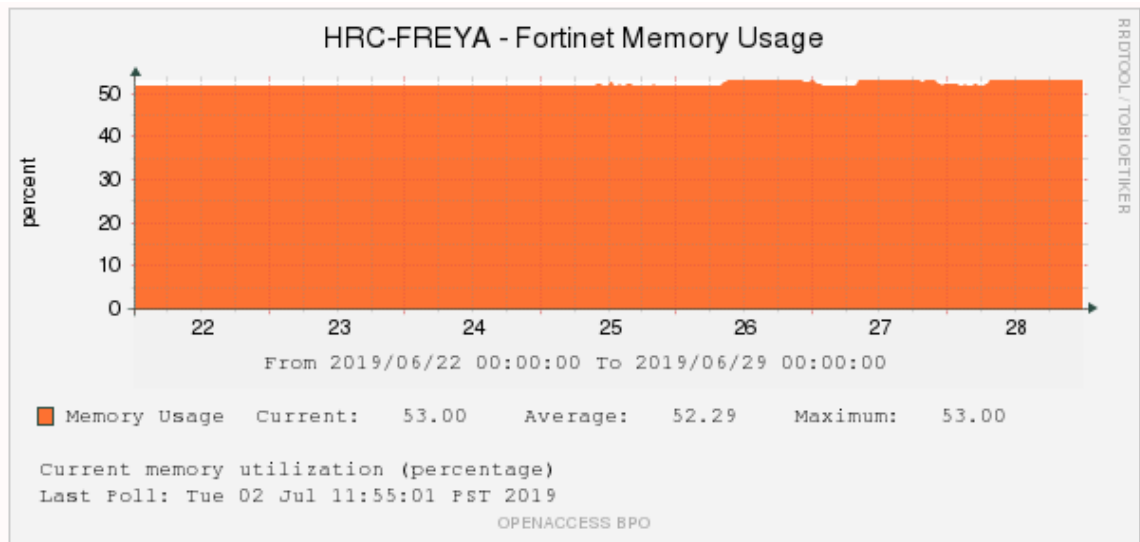
#### License Information

Entitlement	Status	
FortiCare Support	✓ Registered - itgroup@openaccessmarketing.com	<a href="#">Launch Portal</a>
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 14.00641	<a href="#">Upgrade Database</a>
Device & OS Identification	⊙ Version 1.00079	
Internet Service Database Definitions	⊙ Version 5.00613	
Intrusion Prevention	✓ Licensed - expires on 2020/04/23	
IPS Definitions	⊙ Version 14.00641	<a href="#">Upgrade Database</a>
IPS Engine	⊙ Version 4.00029	
Malicious URLs	⊙ Version 2.00347	
AntiVirus	✓ Licensed - expires on 2020/04/23	
AV Definitions	⊙ Version 69.00670	<a href="#">Upgrade Database</a>
AV Engine	⊙ Version 6.00019	
Botnet IPs	⊙ Version 4.00514	<a href="#">View List</a>

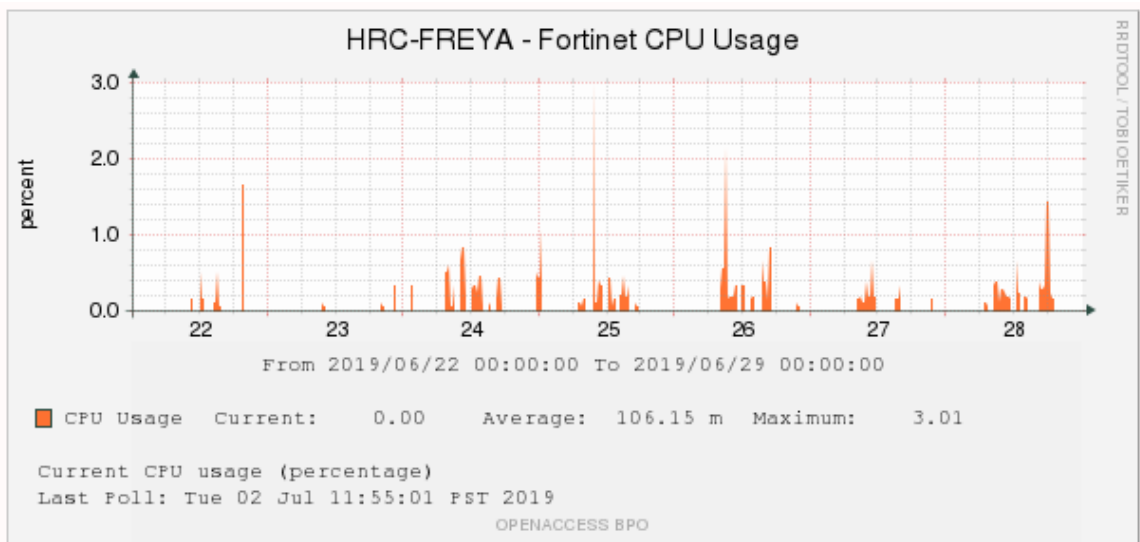
### 1.3 FREYA

RAM: 2 GB

Process Owner: IT Department	REPORT	R-NOC-5.3
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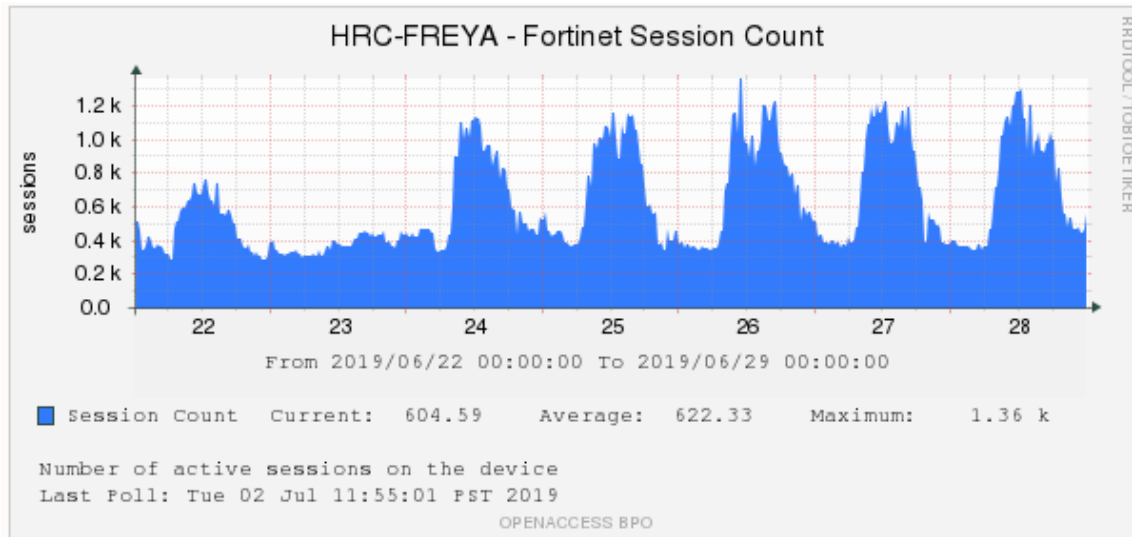
CPU: 4-Core



Sessions:



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License Information:

Process Owner: IT Department	REPORT	R-NOC-5.3
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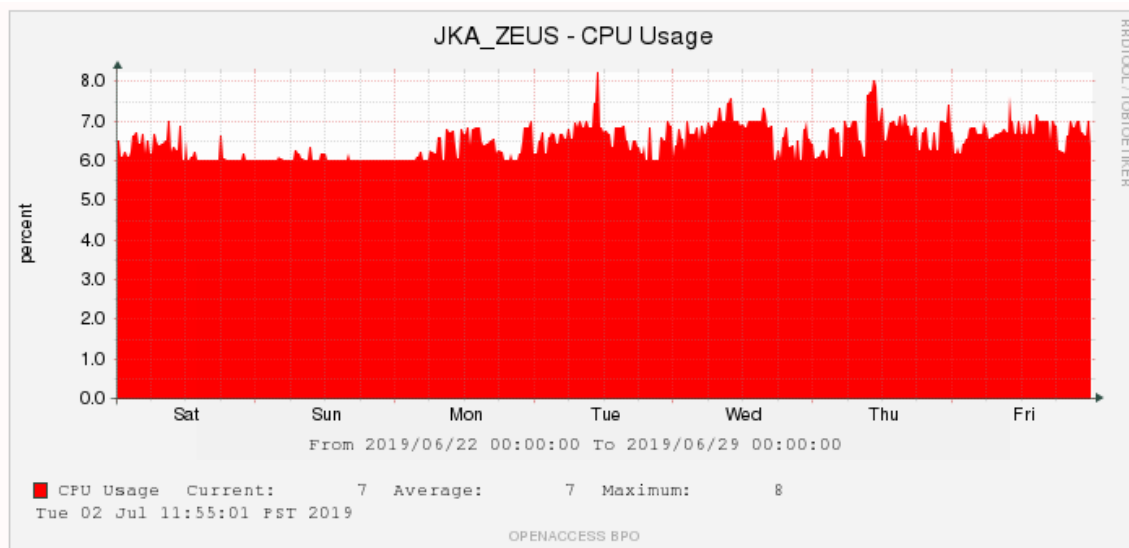
Contract	Status	
<b>FortiCare Support</b>	✓ Registered (itgroup@openaccessmarketing.com)	<a href="#">Launch Portal</a>
Hardware Version	✓ 8 x 5 support (Expires on 2020-04-20)	
Comprehensive Support	✓ 24 x 7 support (Expires on 2020-03-27)	
Firmware	✓ 8 x 5 support (Expires on 2020-04-20)	
Enhanced Support	✓ 24 x 7 support (Expires on 2020-04-20)	
<b>IPS &amp; Application Control</b>	✓ Licensed (Expires on 2020-04-20)	<a href="#">Upload Package</a>
IPS Definitions	⊙ Version 14.00641	
IPS Engine	⊙ Version 3.00539	
<b>AntiVirus</b>	✓ Licensed (Expires on 2020-04-20)	<a href="#">Upload Package</a>
AV Definitions	⊙ Version 1.00000	
AV Engine	⊙ Version 5.00361	
Botnet IPs	⊙ Version 4.00514	<a href="#">View List</a>
Botnet Domains	⊙ Version 2.00276	<a href="#">View List</a>
<b>Mobile Malware</b>	✗ Not Registered	
Mobile Malware Definitions	⊙ Version 69.00661	
<b>Web Filtering</b>	✓ Licensed (Expires on 2020-04-20)	
<b>Anti-Spam Filtering</b>	✓ 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%	<b>5.67%</b>
Memory Utilization	not more than 80%	<b>81.00%</b>
Storage Utilization	not more than 90%	<b>2.33%</b>

FortiGate - G2		
	Acceptable	Weekly Utilization
CPU Utilization	not more than 50%	<b>1.61%</b>
Memory Utilization	not more than 80%	<b>32.17%</b>
Storage Utilization	not more than 90%	<b>1.42%</b>

FortiGate - HRC		
	Acceptable	Weekly Utilization
CPU Utilization	not more than 50%	<b>3.01%</b>
Memory Utilization	not more than 80%	<b>53.00%</b>
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	14.00633	14.00641
AV Definitions	69.00302	69.00660
Botnet IPs	4.00501	4.00513

Below are the changes in the network for week 26.

Change Management	
Ticket Number	Change
N/A	

Due to changes in the Web Filtering and Application Control, the memory of FortiGate in Jaka increased throughout the week. This caused the FortiGate to go in Conserve mode. This is now being addressed and checked by the NOC team.