Report

Hardware Utilization

Reference No	:	R-NOC-5.3
Version No	:	01
Week No	:	23

Prepared by:

Position / Title	Name	Signature	Date
Senior Network Support Engineer	Maurice Mendoza		06/08/2019

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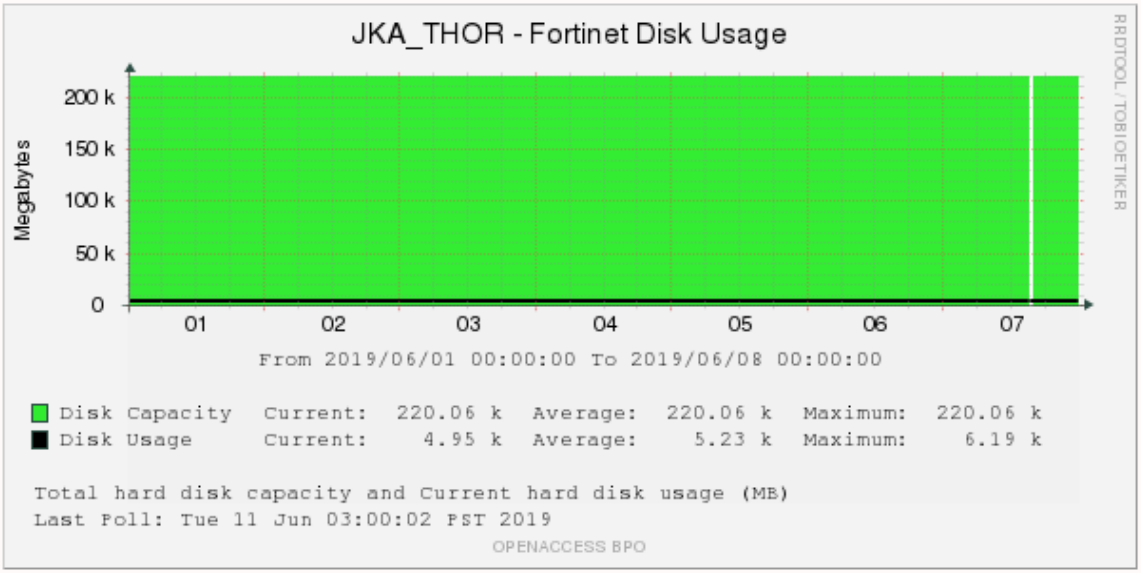
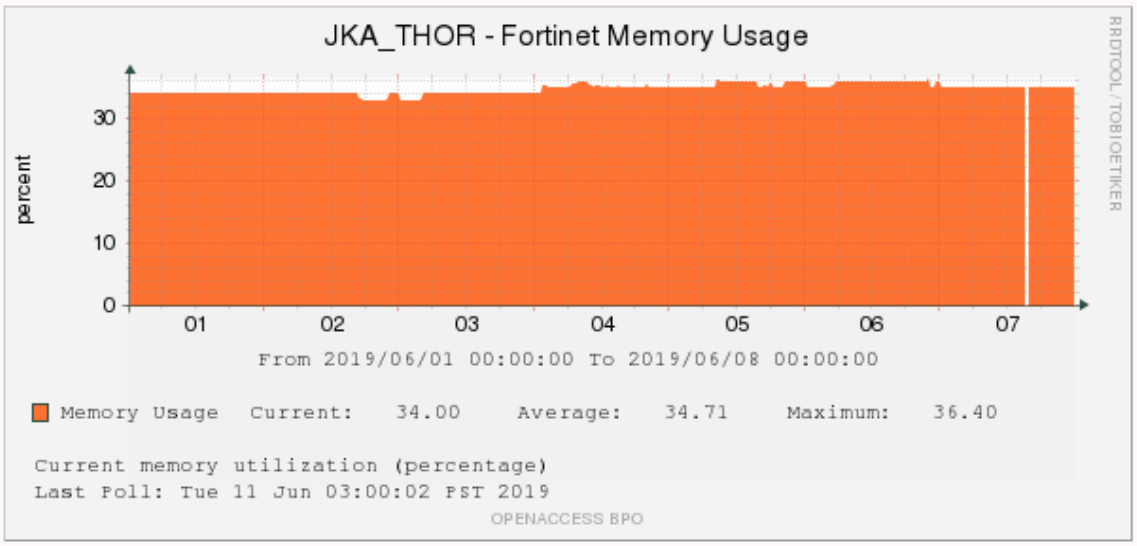
1.0 UTILIZATION GRAPHS (FIREWALL)

1.1 THOR

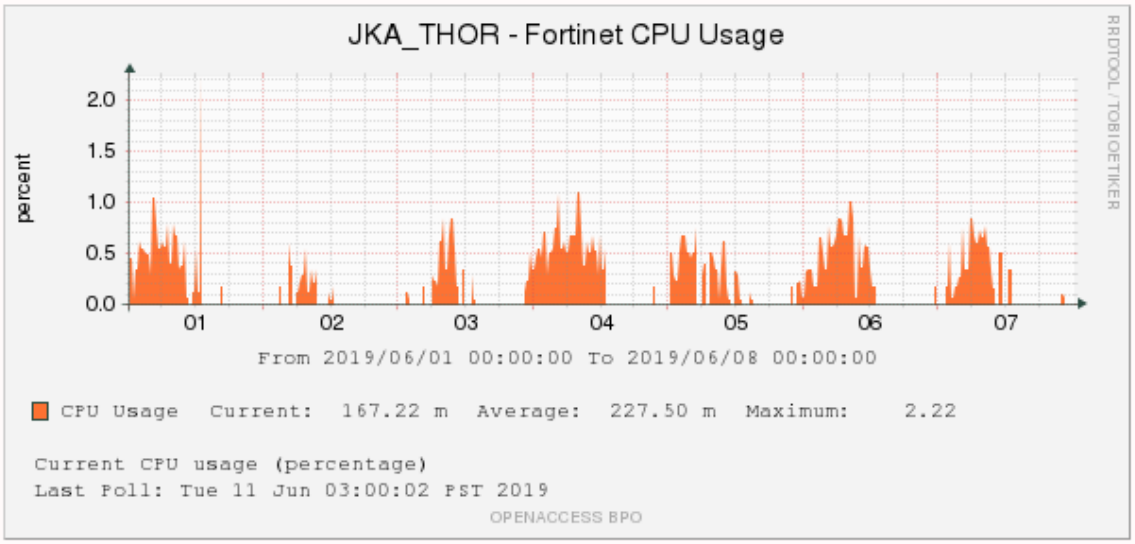
Disk:



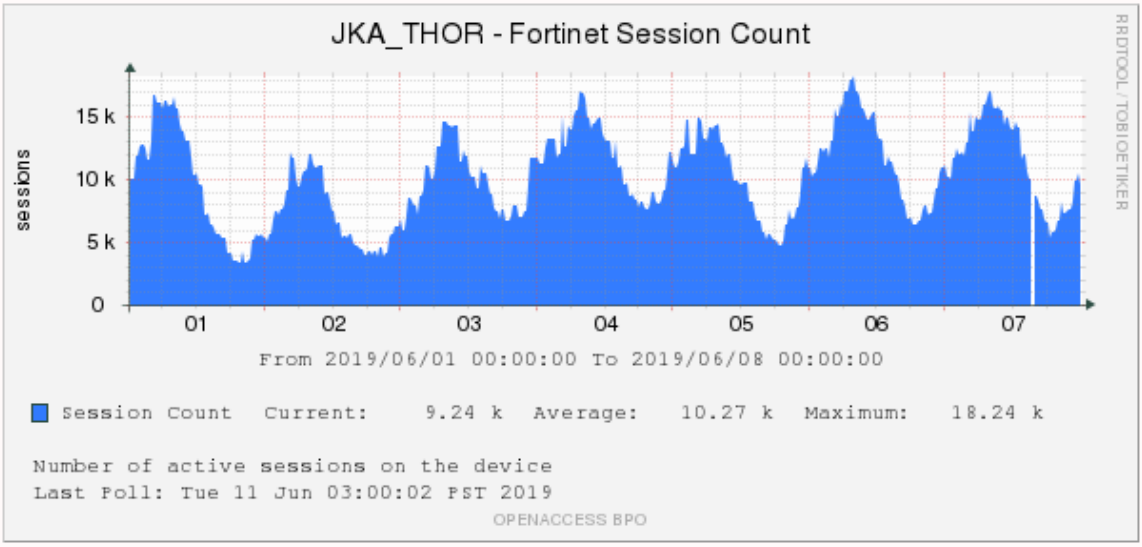
RAM: 8 GB



CPU: 4-Core



Sessions:



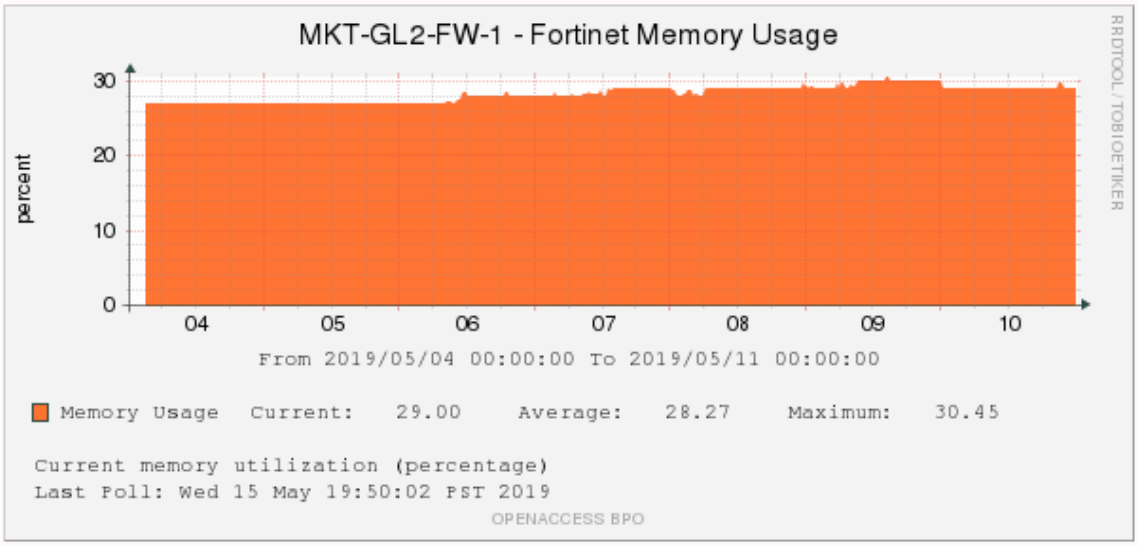
License Information:

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 14.00612	Upgrade Database
Device & OS Identification	Version 1.00075	
Internet Service Database Definitions	Version 5.00580	
Intrusion Prevention	Licensed - expires on 2020/02/11	
IPS Definitions	Version 14.00612	Upgrade Database
IPS Engine	Version 4.00029	
Malicious URLs	Version 2.00183	
AntiVirus	Licensed - expires on 2020/02/11	
AV Definitions	Version 68.00511	Upgrade Database
AV Engine	Version 6.00019	
Botnet IPs	Version 4.00477	View List

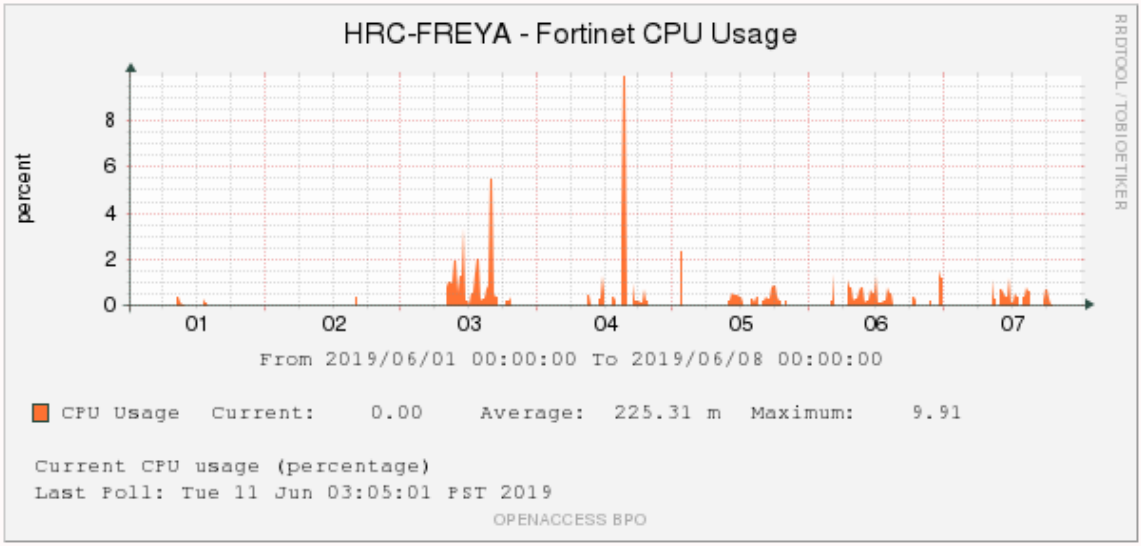
1.2 MKT-GL2-FW-1

Disk:

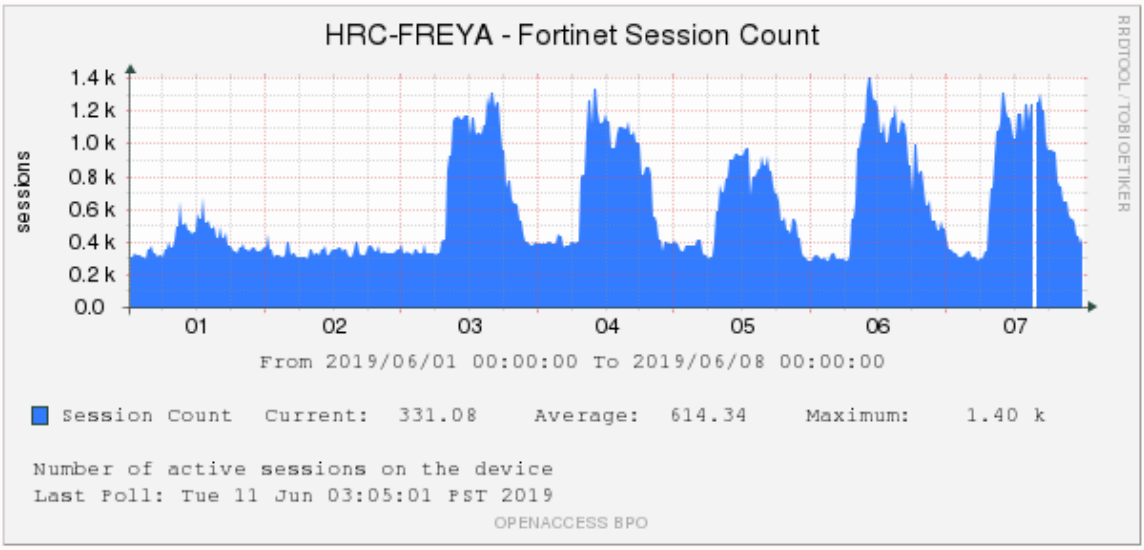
RAM: 8 GB



CPU: 4-Core



Sessions:

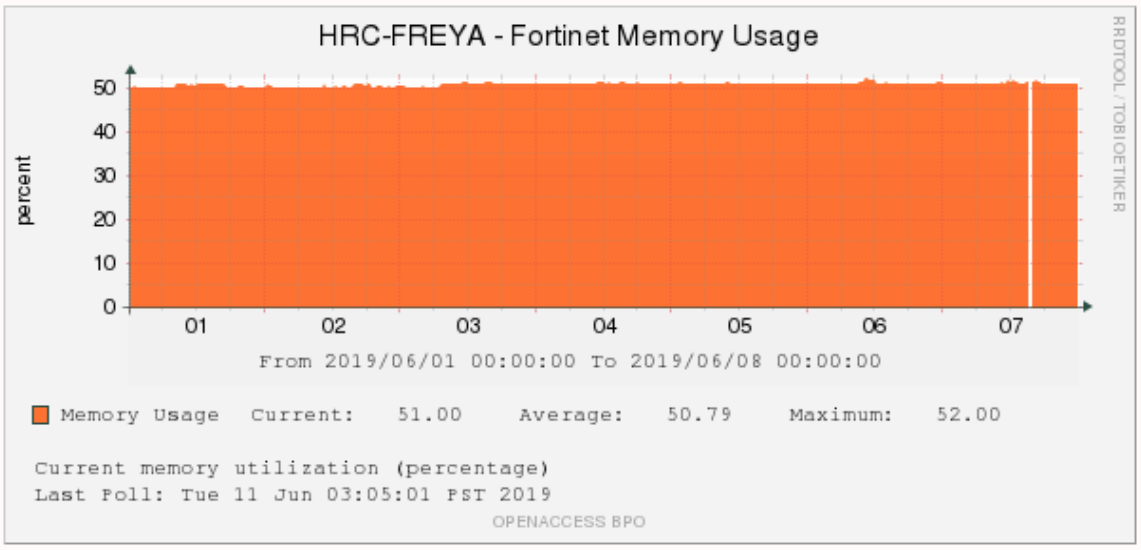


License Information:

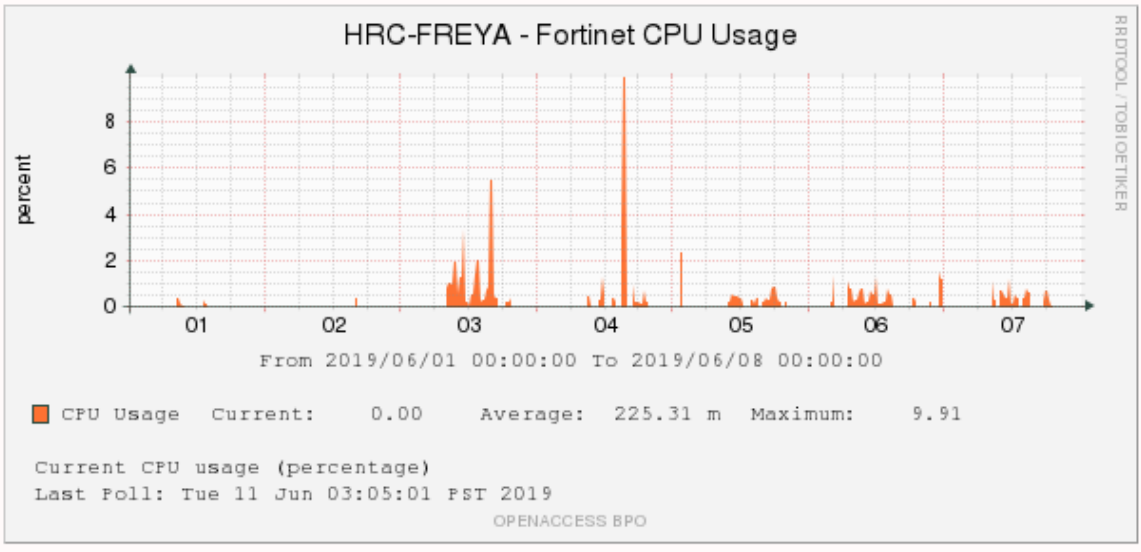
Entitlement	Status	
FortiCare Support	Registered - itgroup@openaccessmarketing.com	Launch Portal
Hardware Version	Advanced hardware - expires on 2020/04/23	
Enhanced Support	24x7 support - expires on 2020/04/23	
Firmware & General Updates	Licensed - expires on 2020/04/23	
Application Control Signatures	Version 14.00613	Upgrade Database
Device & OS Identification	Version 1.00075	
Internet Service Database Definitions	Version 5.00580	
Intrusion Prevention	Licensed - expires on 2020/04/23	
IPS Definitions	Version 14.00613	Upgrade Database
IPS Engine	Version 4.00029	
Malicious URLs	Version 2.00183	
AntiVirus	Licensed - expires on 2020/04/23	
AV Definitions	Version 68.00529	Upgrade Database
AV Engine	Version 6.00019	
Botnet IPs	Version 4.00478	View List
Botnet Domains	Version 2.00243	View List

1.3 FREYA

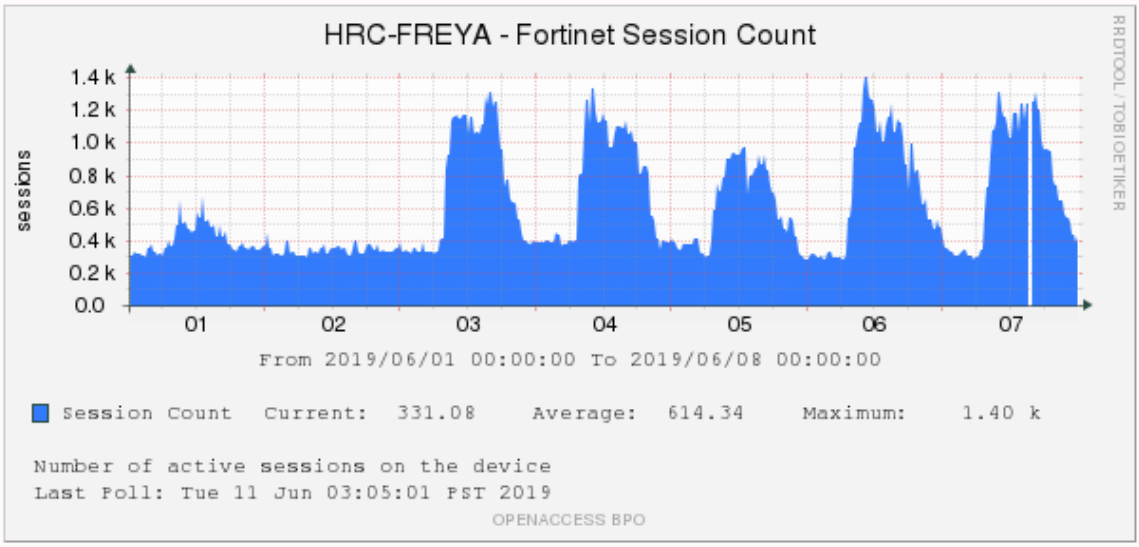
RAM: 2 GB



CPU: 4-Core



Sessions:



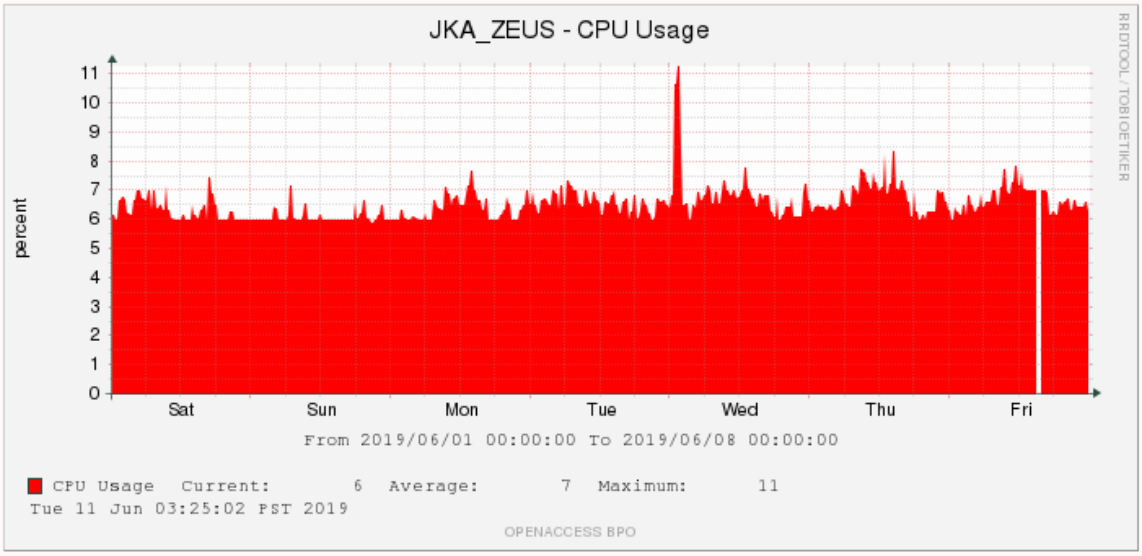
License Information:

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 14.00613	
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 4.00478	View List
Botnet Domains	Version 2.00242	View List

2.0 UTILIZATION GRAPHS (CORE SWITCHES)

2.1 ZEUS

CPU Utilization



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%	**2.22 %**
Memory Utilization	not more than 80%	**36.49%**
Storage Utilization	not more than 90%	**6.19 %**

FortiGate - G2		
	Acceptable	Weekly Utilization
CPU Utilization	not more than 50%	**2.10 %**
Memory Utilization	not more than 80%	**33.33 %**
Storage Utilization	not more than 90%	**7.26 %**

FortiGate - HRC		
	Acceptable	Weekly Utilization
CPU Utilization	not more than 50%	**9.91 %**
Memory Utilization	not more than 80%	**52.00%**
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		
	Previous Version	Current Version
IPS Definitions	14.00588	14.00612
AV Definitions	67.00671	68.00511
Botnet IPs	4.00452	4.00477

Below are the changes in the network for week 23

Change Management	
Ticket Number	Change
201916132	Change Request: Publishing NDY Segment
201915972	Change Docs: G2 - DMZ and SSL VPN
201915907	Change Request: Cleanup of IPv4 Policies

201916132: This change has been successfully implemented. Citrix is now accessible via MPLS.
201915972: This change is not yet completed due to problems encountered with the Duo and Radius server. Currently, the VPN firewall is using the local account database.
201915907: This change is in progress. Access of each campaign will be reviewed first before proceeding to the changes. Currently, all policies that are for deletion were disabled.