



## Report

# Bandwidth Utilization

Reference No : R-NOC-5.2  
Version No : 01  
Week No : 24

**Prepared by:**

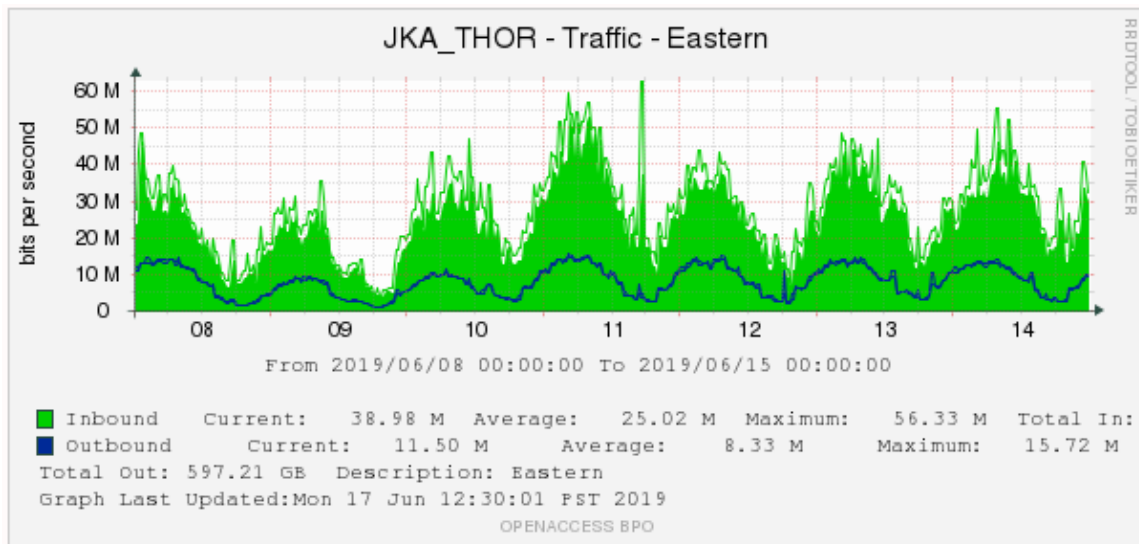
Position / Title	Name	Signature	Date
Senior Network Support Engineer	Maurice Mendoza		06/17/2019

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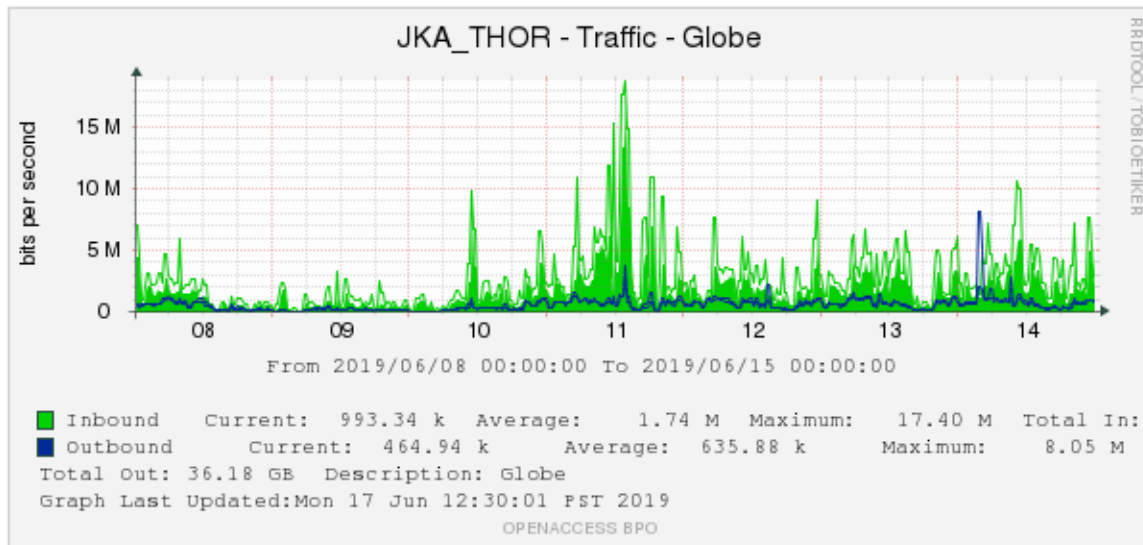
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## 1.0 UPTIME GRAPHS

### 1.1 Internet: Eastern Telecoms (100Mbps)

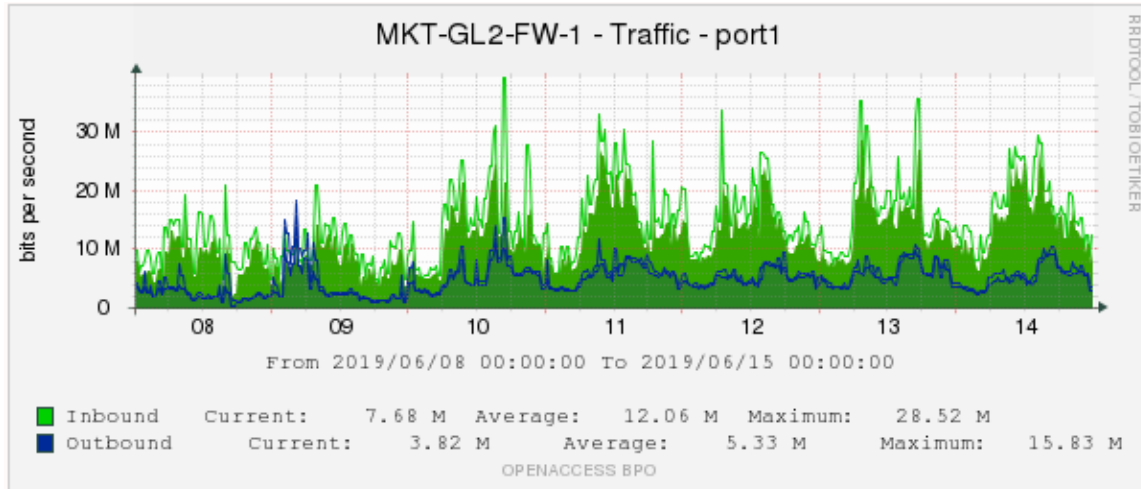


### 1.2 Internet: Globe (30Mbps)

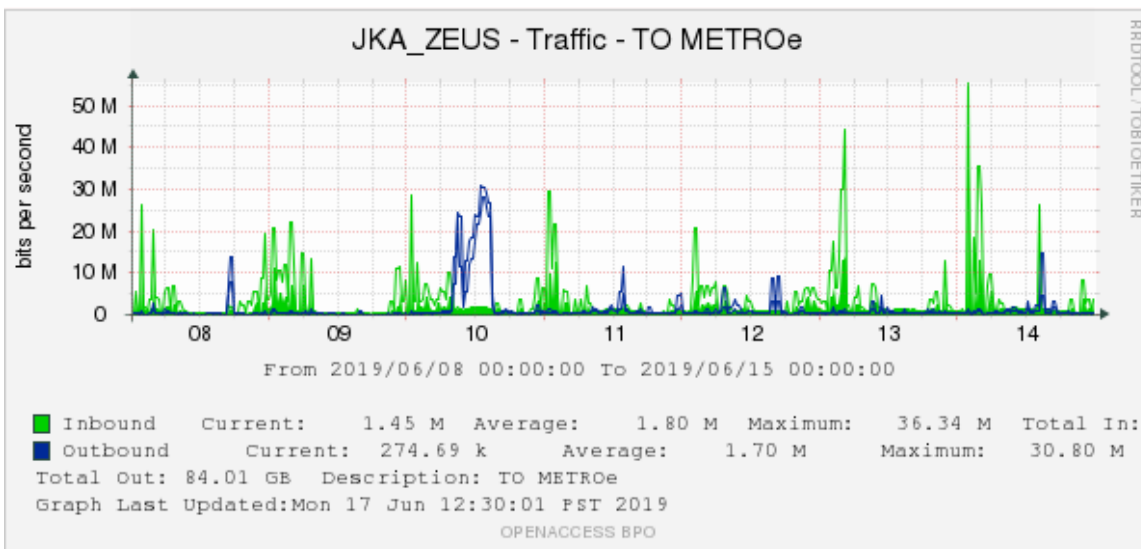


### 1.3 Internet: PLDT (30Mbps)

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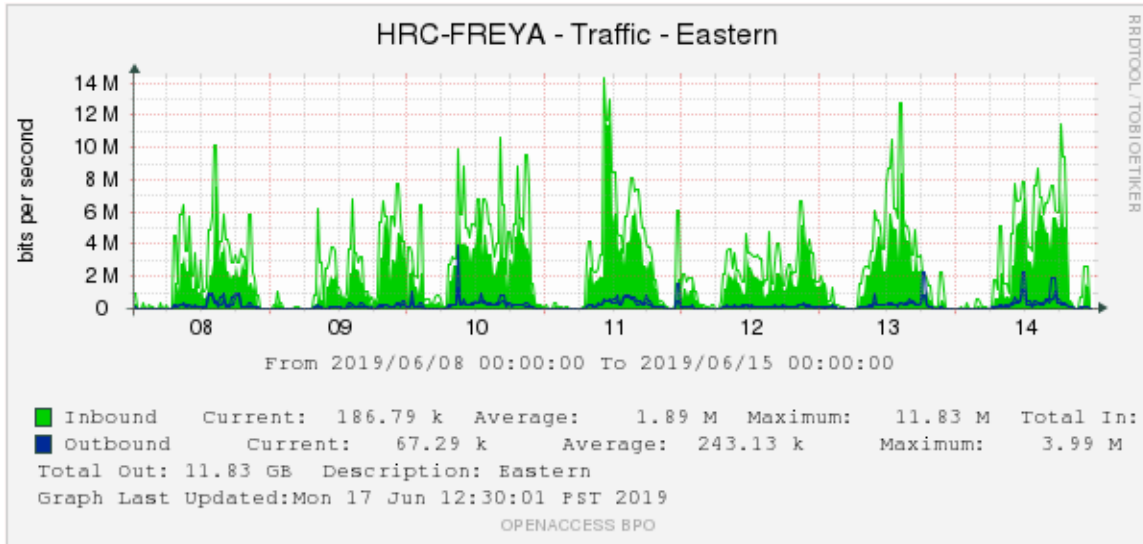


#### 1.4 Local Loop: Metro E (60Mbps)

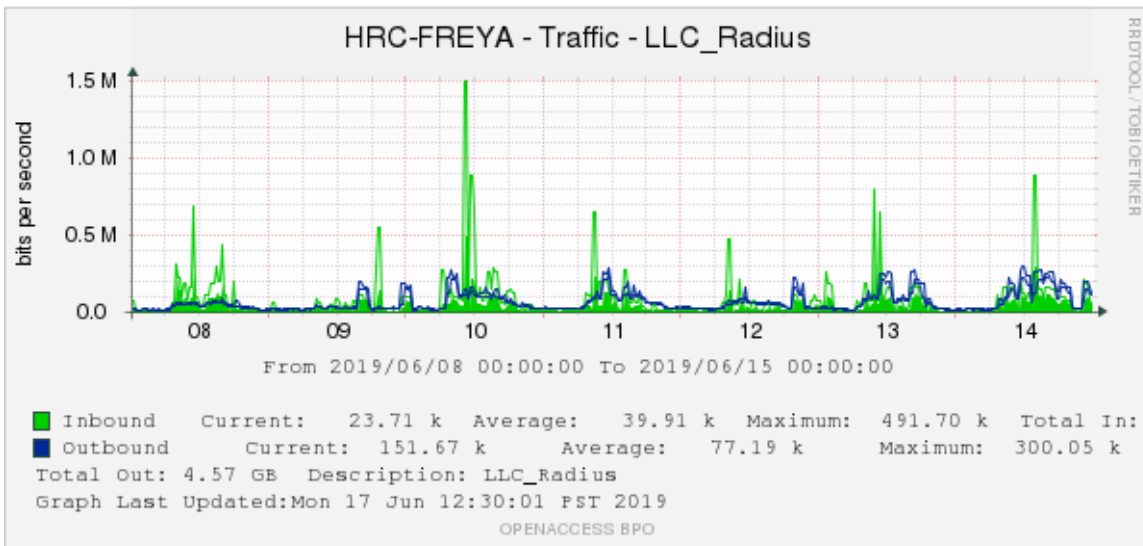


#### 1.5 Internet: Eastern-HRC(16Mbps)

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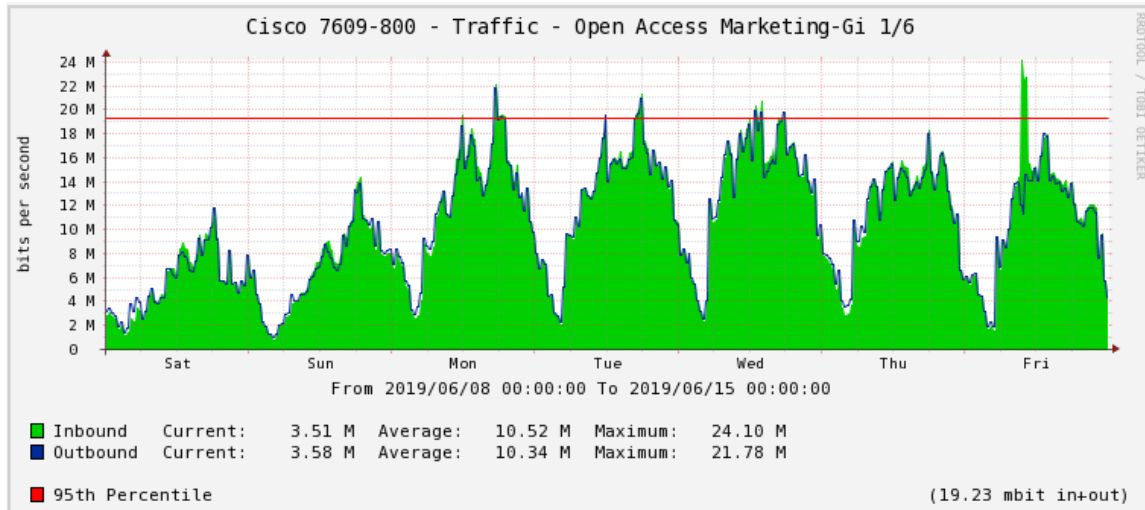


#### 1.6 Internet: Radius-HRC(12Mbps)



#### 1.7 US Colo MRTG (10mbps)

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## 2.0 BANDWIDTH UTILIZATION REPORT

Utilization	Related Ticket	Affected Campaign	Duration (hours)
N/A			

## 3.0 ANALYSIS AND RECOMMENDATIONS

No major downtime recorded. But there are campaigns reported that the internet is slow. Upon checking, the issue is not on our side but with the clients.

Maximum Inbound Utilization		
	Previous week	Current week
Eastern HO (100Mbps)	56.26MB	56.33MB
Globe (30Mbps)	11.03MB	17.40MB
PLDT (100Mbps)	55.07MB	28.52MB
Eastern HRC (16Mbps)	12.38MB	11.83MB
Radius Local Loop (12Mbps)	8.19KB	471KB
US Colo (10Mbps)	25.54MB	24.10MB

All spikes/clippings on ISP were checked and no one was abusing the usage of internet. Also, monitored stations were all doing business related tasks.

Here are the common logs from week 24.

Top common logs
Applications / Destinations
<b>Google Services</b>
<b>Amazon AWS</b>

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Skype
USCOLO Servers

HTTPS.BROWSER	6.45 GB	109,272
Amazon.AWS	1.79 GB	1,151
Microsoft.CDN	955.05 MB	229,620
Skype	950.45 MB	14,014
MS.Windows.Update	802.62 MB	287,624
Google.Services	772.10 MB	10,270
Facebook	631.77 MB	16,727
Skype.Portals	487.25 MB	19,297
Gmail	431.74 MB	342
Microsoft.Authentication	357.29 MB	57,779
Apple.Services	356.99 MB	119
QUIC	256.73 MB	31,847
Google.Play	254.31 MB	373,721
Google.Accounts	173.79 MB	37,205
Slack	139.26 MB	22,312
Ringcentral	73.98 MB	1,847
OneDrive	71.82 MB	283
Microsoft.Portal	71.19 MB	9,084
Amazon.Services	62.40 MB	913
HTTP.BROWSER	61.06 MB	3,702
Microsoft.Office.Update	55.54 MB	5,248
Amazon.CloudFront	42.97 MB	974
Spotify	41.20 MB	1,242
Shopify	25.83 MB	283
YouTube	25.03 MB	1,104
Quora	16.46 MB	558
Pinterest	15.52 MB	10,073
Microsoft.Outlook	13.36 MB	69
HTTPS	11.48 MB	2,171

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Google.Services	3.91 GB	44,442
Quora	1.85 GB	39,301
HTTPS.BROWSER	1.26 GB	14,814
Skype.Portals	842.37 MB	3,414
Google.Play	625.28 MB	116,464
YouTube	409.92 MB	5,812
Spotify	346.30 MB	4,504
Skype	328.86 MB	1,048
Microsoft.Outlook.Office.365	190.19 MB	1,264
YY.Voice	143.02 MB	152
MS.Windows.Update	106.31 MB	68,602
Google.Accounts	84.32 MB	2,099
Facebook	80.25 MB	8,637
HTTP.BROWSER	72.91 MB	2,602
Google.Docs	69.71 MB	124
Twitter	65.15 MB	1,179
Gmail	57.99 MB	95
Microsoft.Office.365.Portal	52.71 MB	428
QUIC	47.09 MB	4,200
OneDrive	42.51 MB	1,324
Slack	38.37 MB	204
Root.Certificate.URL	36.52 MB	11,031
Apple.Services	31.97 MB	555
Instagram	31.18 MB	195
Google.Drive	30.91 MB	130
Microsoft.Portal	29.99 MB	759

Application	Bytes (Sent/Received) ↕	Sessions ↕	Bandwidth ↕
DNS	54.53 kB I	261	9 kbps
QUIC	645.18 kB I	143	31 kbps
Facebook	13.90 MB I	33	21 kbps
Google.Push.Notification	195.13 kB I	24	176 bps
Microsoft.Portal	450.66 kB I	23	126 kbps
Skype	8.10 MB I	22	10 kbps
Google.Accounts	379.80 kB I	15	96 bps
Gmail	29.32 MB I	15	48 kbps
Dropbox	2.02 MB I	13	6 kbps
Google.Play	1.40 kB I	12	664 bps
Google.Services	61.08 kB I	10	4 kbps
HTTPS.BROWSER	468.04 kB I	9	56 kbps
SNMP_V1	30.52 kB I	8	0 bps
SMBv3	19.07 kB I	7	152 bps
Skype.Portals	79.55 kB I	7	6 kbps
YouTube	5.10 MB I	6	31 kbps
SSL_TLSv1.2	25.55 kB I	5	2 kbps
MS.RPC	5.82 kB I	5	0 bps
HTTP.BROWSER	4.30 kB I	5	0 bps
Facebook_Messenger.VoIPCall	3.91 kB I	3	0 bps
Apple.Push.Notification	168.13 kB I	3	0 bps
Google.Ads	12.49 kB I	2	2 kbps
STUN	624 B I	2	0 bps
Amazon.CloudFront	2.29 kB I	1	712 bps
SIP	434.83 MB I	1	528 bps
Viber	904 B I	1	0 bps
NetBIOS.Name.Service	234 B I	1	8 bps
Teredo	541 B I	1	0 bps
NTP	296 B I	1	208 bps
TCP/5223	334 B I	1	0 bps
TCP/7011	152 B I	1	0 bps