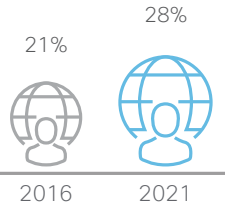


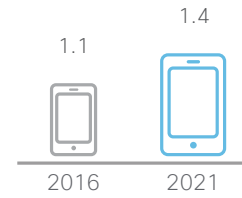
Middle East and Africa



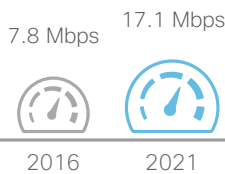
Internet Users: % of Population



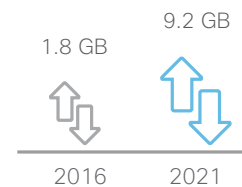
Devices and Connections per Capita



Average Speeds



Average Traffic per Capita per Month



## Middle East and Africa - 2015 Year in Review

### IP Traffic

- In Middle East and Africa, IP traffic reached 2.7 Exabytes per month in 2016, up from 1.9 Exabytes per month in 2015.
- Middle East and Africa's IP traffic grew 40% in 2016.
- Middle East and Africa's IP networks carried 88 Petabytes per day in 2016, up from 63 Petabytes per day in 2015.
- In Middle East and Africa, IP traffic reached an annual run rate of 32.1 Exabytes in 2016, up from an annual run rate of 23.0 Exabytes in 2015.
- Middle East and Africa's IP traffic in 2016 was equivalent to 8 billion DVDs per year, 670 million DVDs per month, or 917,364 DVDs per hour.
- In Middle East and Africa, IP traffic reached 1.8 Gigabytes per capita in 2016, up from 1.3 Gigabytes per capita in 2015.
- In Middle East and Africa, average IP traffic reached 8 Tbps in 2016, and busy hour traffic was 28 Tbps.
- Last year, the gigabyte equivalent all movies ever made crossed Middle East and Africa's IP networks every 2 hours.
- Middle Eastern and African IP traffic in 2016 was equivalent to 89x the volume of Middle Eastern and African IP traffic in 2005.

### Internet Traffic

- In Middle East and Africa, average Internet traffic grew 41% in 2016.
- In Middle East and Africa, peak Internet traffic grew 57% in 2016.

- In Middle East and Africa, Internet traffic reached 2.4 Exabytes per month in 2016, up from 1.7 Exabytes per month in 2015.
- Middle East and Africa's Internet traffic was 80 Petabytes per day in 2016, up from 57 Petabytes per day in 2015.
- Middle East and Africa's Internet traffic in 2016 was equivalent to 7 billion DVDs per year, 607 million DVDs per month, or 831,478 DVDs per hour.
- In 2016, the gigabyte equivalent of all movies ever made crossed the Internet every 2 hours.
- Middle Eastern and African Internet traffic in 2016 was equivalent to 118x the volume of the entire Middle Eastern and African Internet in 2005.
- In Middle East and Africa, Internet traffic reached 1.6 Gigabytes per capita in 2016, up from 1.2 Gigabytes per capita in 2015.
- In Middle East and Africa, average Internet traffic reached 7 Tbps in 2016.
- In Middle East and Africa, busy hour Internet traffic reached 25 Tbps in 2016.

### Wi-Fi Traffic

- Middle East and Africa's Fixed/Wi-Fi IP traffic grew 31% in 2016.

### Wired Traffic

- Middle East and Africa's Fixed/Wired IP traffic grew 23% in 2016.

### Mobile Traffic

- Middle East and Africa's mobile data traffic grew 98% in 2016.

### Video Traffic

- In Middle East and Africa, IP video was 62% of all IP traffic in 2016, up from 58% in 2015.
- In Middle East and Africa, Internet video traffic was 62% of all consumer Internet traffic in 2016, up from 58% in 2015.
- In Middle East and Africa, 134 billion minutes of video content crossed the Internet each month in 2016, up from 119 billion in 2015.
- In Middle East and Africa, 134 billion minutes (255,400 years) of video content crossed the Internet each month in 2016. That's 51,080 minutes of video streamed or downloaded every second.

### Devices

- In Middle East and Africa, there were 1.7 billion networked devices in 2016, up from 1.6 billion in 2015.
- In Middle East and Africa, there were 1.1 networked devices per capita in 2016, up from 1.1 per capita in 2015.

### Broadband Speed Evolution

- In Middle East and Africa, the average fixed broadband speed grew 320% from 2015 to 2016, from 7.0 Mbps to 29.3 Mbps.
- In Middle East and Africa, 35% of broadband connections were faster than 5 Mbps in 2016.
- In Middle East and Africa, 17% of broadband connections will be faster than 10 Mbps in 2016.

### Traffic per User and Household

- In Middle East and Africa, the average Internet user generated 7.2 Gigabytes per month in 2016, up 20% from 6.0 Gigabytes per month in 2015.
- In Middle East and Africa, the average Internet household generated 24.6 Gigabytes per month in 2016, up 23% from 20.0 Gigabytes per month in 2015.
- In Middle East and Africa, Internet video traffic grew 51%, and is now 85% of all consumer Internet traffic.
- In Middle East and Africa, there were 679,034 Internet households (1.6% of all Internet households) generating more than 250 Gigabytes per month in 2016, up from 534,750 in 2015.
- In Middle East and Africa, there were 398,473 Internet households (0.9% of all Internet households) generating more than 500 Gigabytes per month in 2016, up from 82,754 in 2015.