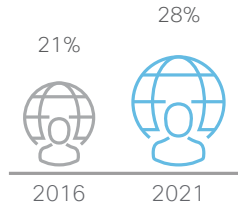


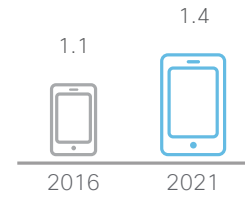
Middle East and Africa



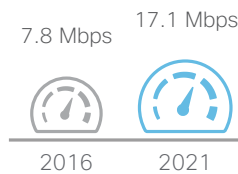
Internet Users: % of Population



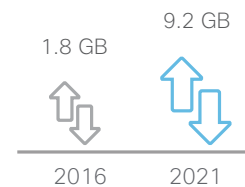
Devices and Connections per Capita



Average Speeds



Average Traffic per Capita per Month



Middle East and Africa - Potential IPv6 Connections

Potential IPv6 Connections and Traffic

- In Middle East and Africa, there will be 1.5 billion IPv6-capable fixed and mobile devices in 2021, up from 355.8 million in 2016, a CAGR of 33%.
- In Middle East and Africa, 60.9% of all fixed and mobile networked devices will be IPv6-capable in 2021, up from 21.4% in 2016.
- In Middle East and Africa, there will be 203.2 million IPv6-capable fixed devices in 2021, up from 41.9 million in 2016, a CAGR of 37%.
- In Middle East and Africa, there will be 1.3 billion IPv6-capable mobile devices in 2021, up from 313.9 million in 2016, a CAGR of 32%.
- In Middle East and Africa, IPv6 traffic will reach 5.4 Exabytes per month in 2021, up from 168 Petabytes per month in 2016.
- Middle East and Africa's IPv6 traffic grew 242% in 2016.
- In Middle East and Africa, IPv6 traffic will grow 32-fold from 2016 to 2021, a compound annual growth rate of 100%.
- Middle East and Africa's IPv6 was 7% of total Internet traffic in 2016, and will be 36% of total Internet traffic in 2021.
- Middle East and Africa's mobile IPv6 traffic was 9.4% of mobile Internet traffic in 2016, and will be 52.5% of mobile Internet traffic in 2021.