

This video showcased how the internet architecture handled the major increase of traffic when the pandemic hit. One interesting point that the presenter went over was that certain ISPs saw a heavy increase in overall traffic while some saw a decrease. This was due to some enterprise level ISPs seeing dips due to the lockdown and people working from home. Also, with the explosion of Zoom, they originally were providing their services from their own AS group, but eventually utilized cloud services like AWS to support the increase of traffic (700,000%)! It was also noticed that Netflix kept a consistent streaming rate to their customers during the pandemic while YouTube saw a slight decrease of streaming rate, implying that they could not handle the influx of traffic. A negative result of the increase of traffic from the pandemic was that DDoS traffic increased 40%, showing that there was a bigger incentive to perform these attacks due to the increase of traffic. Overall, this video showed me that these engineers put a lot of thought into their networks and show that they can handle a huge increase in traffic.