CONCLUSIONS FROM THE COVID-19 IMPACT:
TODO LIST FOR THE INTERNET

JARI'S TENTATIVE CONCLUSIONS

› Reasonably good situation, even during the pandemic

› We have some really <u>wonderful data</u> about the situation

› Lots of people/orgs <u>highly motivated to ensure good experience</u>

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On the other hand:

› Our ability to <u>observe</u> does not cover everything

› And limited means to <u>control</u> traffic, or have networks and apps <u>collaborate</u>

› We had one type of situation – results in <u>other situations</u> could differ

› Internet is becoming even <u>more important</u> for all of us

› Can we <u>make it better</u> for other unexpected situations?

› + all the <u>other improvements</u> we see necessary anyway (security, etc.)

TODO LIST

Understanding the state of the Internet

› Better distribution of information there is

› Continuing and expanding the coverage of things we measure

› Measuring additional things (QoE etc)

System improvement areas

› Does the human networking between operators work well in emergencies?

› Education, implementation improvements, security practices, etc.

› Network-app collaboration, perhaps at an aggregate level?

› What can we do to improve resilience even further? (Also, centralization may be bad)

› Should DDoS defense be a part of response to emergencies?

› + all those already known issues we need to address

› (And obviously, we need resource reservations ☺ and full control by authorities ☺)