



OST

Eastern Switzerland
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Distributed Systems (DSy)

In the news

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Distributed Systems & Blockchain in the News

- 07.03.2022: Russland bereitet Trennung [staatlicher Dienste] vom weltweiten Internet vor
 - All government services from Russia need to be hosted in Russia
 - Many services censored: TikTok limits services as Netflix pulls out of Russia [link] - due to: "fake news" laws [link]
- 09.03.2022: About twitter.com supported browsers [link]
 - Tor network (<https://torproject.org>, <https://twitter3e4tixl4xyajtrzo62zg5vztmjuricljdp2c5kshju4avyoid.onion> [link])
 - Alternatives: <https://nitter.net/bbc>
 - What is TOR (upcoming lectures)
- 04.03.2022: Possible BGP hijack [link]
 - announced by AS35004 which is Ukrainian hosting provider, country of origin of the AS is Russian
 - Both AS peer with Cogent: U.S. firm Cogent cutting internet service to Russia [link] → rerouting
- 05.03.2022: Starlink-Satellitenschüssel kann leicht angegriffen werden [link]



Distributed Systems & Blockchain in the News

- Latency numbers [\[link\]](#) - a lot of things gets faster, latency stays
 - M1 Ultra – 114b transistors [\[link\]](#)
- 08.03.2022: CVE-2022-26143: TP240PhoneHome Reflection/Amplification DDoS Attack Vector [\[link\]](#)
 - Amplification ratio of 4,294,967,296:1 (32bit)
- 03.03.2022: The SSD Edition: 2021 Drive Stats Review [\[link\]](#)
 - Analyzed over 2200 SSDs
 - Did not consider workloads - SSDs **wear out**
 - `smartctl -a /dev/xyz`

