



**OST**

Eastern Switzerland  
University of Applied Sciences

# Distributed Systems (DSy)

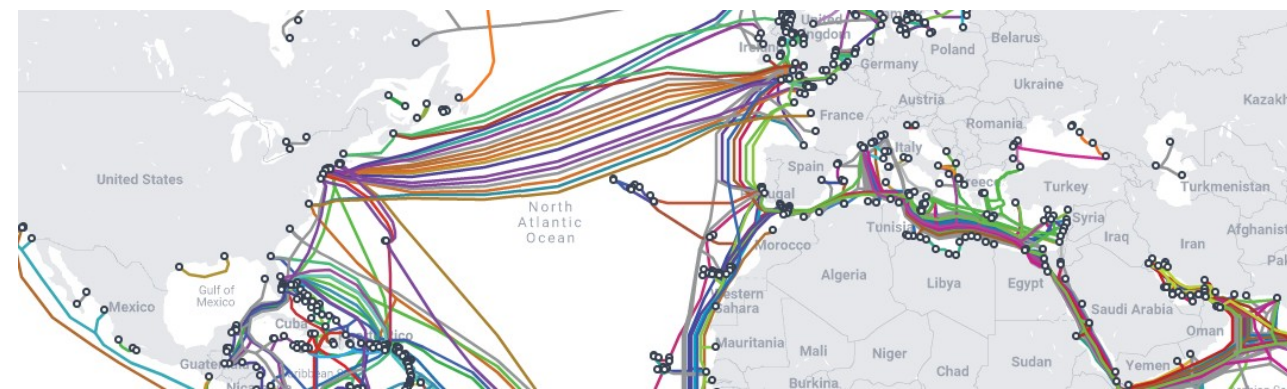
**In the news**

Thomas Bocek

24.02.2022

# Distributed Systems & Blockchain in the News

- 23.02.2022: Nvidia's RTX 30-series ethereum mining limiter might've just gone up in smoke [\[link\]](#)
  - With LHR Unlocker, RTX 30 series can be used for crypto mining
  - Still a problem: miners use GPU to mine crypto currencies: e.g., RX 6500 XT
    - “Unfortunately, the price only qualifies as "budget" in today's world of radically inflated GPU prices, and even then, it will likely sell for far more than its official \$199 MSRP.” [\[source\]](#)
    - “AMD Radeon RX 6500 XT meta-review: even desperate gamers should think twice” [\[source\]](#)
- 22.02.2022: Avoiding the Top 10 NGINX Configuration Mistakes [\[link\]](#)
  - We'll be using nginx in the lecture (as well as caddy, traefik, Haproxy)
- 22.02.2022: Internet is back in Tonga after 38 days of outage [\[link\]](#)
  - Motivation why we need distributed systems: HW will eventually fail
  - Seacable [defect](#) due to volcanic activities [\[link\]](#)



# Distributed Systems & Blockchain in the News

- **Gambia**: cable problem
- **Kazakhstan**: government
- Burkina Faso: government
- 22.02.2022: Exclusive: Austrian Programmer And Ex Crypto CEO Likely Stole \$11 Billion Of Ether [\[link\]](#)
  - Classic ethers from the DAO hack
  - “ETH now trading around \$3,000, 3.64 million ETH would be worth \$11 billion” → good for attracting clicks. ETC is ~\$24 → \$87 million (**other DeFi hacks**)
- “Chainalysis de-mixed the Wasabi transactions and tracked their output to four exchanges”
- 2016 Bitfinex hack: Two Arrested for Alleged Conspiracy to Launder \$4.5 Billion in Stolen Cryptocurrency [\[link\]](#)
  - “Three years later, as Bitcoin prices spiked, the launderers employed a type of transaction known as a “coinjoin,” using Wasabi Wallet”
- Attention: **this** also happened, but clues are stronger