Incident 15.1.2021

• Cause was the revocation of some more ICA’s than expected – and leaf certificates signed by them
• Effect was emergency work by many RA’s at many institutions: replacement of signing chain and/or certificates
• SWITCH obtained a considerable amount that accidentally corresponded well to the total income of one quarter
• SWITCH decided to waive that amount in the April’s invoice
Which company is behind SWITCHpki?

- SWITCH has contracted with QuoVadis, many years ago
- QuoVadis has been purchased by DigiCert in 2019
- SWITCH was asked to migrate from Trust/Link to CertCentral until 15. September 2021, together with the SWITCHpki Customers, ie. you.
TLS CERTIFICATES OVER TIME
Today’s market shares

Total Share of Certificates - November 2020

- Let's Encrypt
- DigiCert
- Sectigo
- Others
Today’s market shares

% by Certificate Type - 2020

DV, OV, EV
Share of E-commerce Transaction by Cert Type
SWITCHpki statistics

SWITCHpki 2019 - 2021
User and SSL certificates

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Automation beyond DV?

Yes!
WHAT’S DRIVING THE NEED FOR AUTOMATION IN WEB PKI?

- Validity periods shrinking
- Disruptions due to expired/revoked certificates, industry events
- Trust decisions driven by browsers, requiring certificate agility
- Expanding numbers of certificates in organizations
- Reduced staffing, uptime requirements
Future of Trust/Link
Our future?

CertCentral by DigiCert

https://www.quovadisglobal.com/repository/