



**Quantum-Proofing European
Public Administrations**

Next Q-PrEP Webinar

*Practical Assessment of the SSH
Services' Transition to
Post-Quantum Cryptography*

Online April 10, 2026

1:00 p.m. (CET)

NMWP.
The Innovation Engineers.

Capgemini  engineering



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the European Union**

Practical Assessment of the SSH Services' Transition to Post-Quantum Cryptography

Online April 10, 2026

- Empirical data on how Post-Quantum Cryptography (PQC) algorithms perform when integrated into a real, heterogeneous hardware OQS-OpenSSH 8.9 prototype
- Comparative Algorithm Benchmarking and Trade-offs:
 - impact of different PQC algorithms parameters across NIST security levels
 - performance comparison PQC vs. Hybrid vs. Classical
- Data-Driven Recommendations for Optimal PQC Parameter Sets

Expert: Simona, Zavackė (Vilnius University, Lithuania)