



**Quantum-Proofing European  
Public Administrations**

# Next Q-PrEP Webinar

*Quantum-safe PKI for  
the German Administration*

*Online June 12, 2026  
1:00 p.m. (CEST)*

**NMWP.**  
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# Quantum-safe PKI for the German Administration

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The BSI is in control of the [root certification authority of the public administration Public Key Infrastructure \(PKI\)](#). This PKI is an essential element of the German government's business processes at federal, state and municipal levels. Currently, this PKI is based on RSA-4096. In order to address the quantum threat, a [full migration to a PKI based on quantum-safe cryptographic primitives](#) has to be carried out. Due to the [variety of use-cases within this PKI](#), a number of technical requirements concerning [performance, security and interoperability](#) have to be taken into account in this migration. The goal of the talk is to discuss these requirements and to present several [concepts and possible solutions](#).

**Expert: Dr. Kaveh Bashiri (BSI, Germany)** received his PhD in Mathematics at the University of Bonn. Since 2021 he is a researcher at the cryptography group of the BSI. His main interests are post-quantum-cryptography and (quantum) cryptanalysis.