

Public Key Infrastructure (PKI)

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A **Public Key Infrastructure (PKI)** supports the distribution, revocation and [verification](#) of public [keys](#) used for [Public Key Infrastructure \(PKI\) encryption](#), and enables linking of identities with [Public Key](#) certificates. A PKI enables users and systems to securely exchange data over the [internet](#) and verify the legitimacy of certificate-holding entities, such as web servers, other authenticated servers and individuals. The PKI enables users to authenticate [Digital Certificate](#) holders, as well as to mediate the process of certificate revocation, using cryptographic algorithms to secure the process.

PKI certificates include a [Public Key](#) used for encryption and cryptographic [authentication](#) of data sent to or from the [entity](#) that was issued the certificate. Other information included in a PKI certificate includes identifying information about the certificate holder, about the PKI that issued the certificate, and other data including the certificate's creation date and validity period.

Source: <https://searchsecurity.techtarget.com/definition/PKI>

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Last update: **2022/01/18 11:30**