# Certificados

Extensiones más comunes para los certificados

| extensión | Nombre | Descripción |
|---|---|---|
| .pem | Privacy Enhanced Mail (PEM) | Base64 encoded DER certificate |
| .cer | Security CERtificate | |
| .crt | | |
| .der | | |
| .p7b | | Estructura sin datos, sólo certificados o CRLs. |
| .p7c | | |
| | PKCS#7 | |
| .p12 | PKCS#12 | Puede contener el certificado público y la llave privada |
| .pfx | personal information exchange (PFX) | formato usado antes del PKCS#12 |

Filetype Format name Description .pem Privacy Enhanced Mail (PEM) Base64 encoded DER certificate, that uses: “—–BEGIN CERTIFICATE—–” and “—–END CERTIFICATE—–” .cer .crt .der Security CERtificate Usually binary DER form, but Base64-encoded certificates are common too. .p7b .p7c Structure without data, just certificates or CRLs.

PKCS#7 is a standard for signing or encrypting (officially called “enveloping”) data. .p12 PKCS#12 May contain certificate(s) (public) and private keys (password protected). .pfx personal information exchange (PFX) Older format. Came before PKCS#12. Usually today data is in PKCS#12 format.

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