edpresso a shot of dev knowledge(/edpresso)

(/)

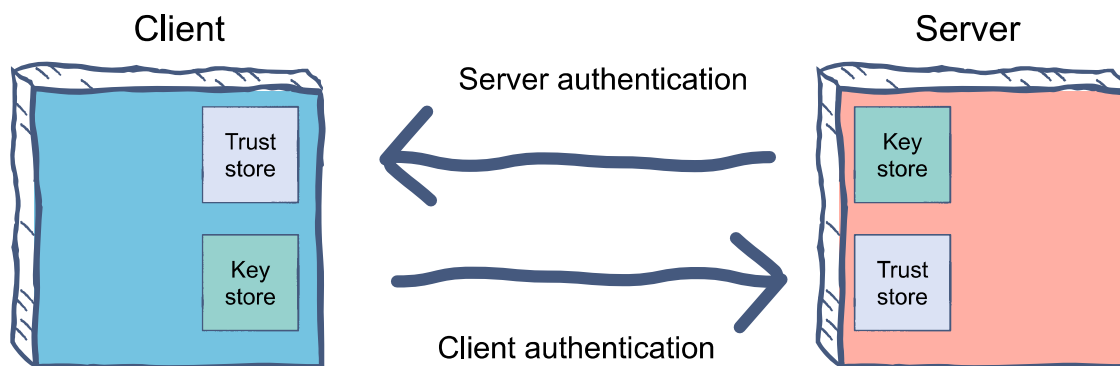# Keystore vs. Truststore

| Keystore (/edpresso) | Truststore (/edpresso) |

Keystore is used to store *private key and identity certificates* that a specific program should present to both parties (server or client) for verification.

Truststore is used to store *certificates from Certified Authorities (CA)* that verify the certificate presented by the server in SSL (https://www.educative.io/collection/page/10370001/5654729883385856/5672180067074048#domain-validation) connection.

Key differences

Keystore	Truststore
Keystore stores your credential.	Truststore stores others

Keystore (server or client)	Truststore credentials (CA)
Keystore is needed when you are setting up the server side on SSL	Truststore setup is required for the successful connection at the client side
Client will store its private key and identify certificate on Keystore	Server will authenticate the client against the certificate stored on the server's Truststore
`javax.net.ssl.keyStore` is used to specify Keystore	`javax.net.ssl.trustStore` is used to specify Truststore.

Keep Exploring

What is Prettier?

(/edpresso/what-is-prettier)

How to sum an array using threading in C

(/edpresso/how-to-sum-an-array-using-threading-in-c)

edpresso   a shot of dev knowledge

Easy way to check if an item
exists in array in JS (/edpresso)

(/)

(/edpresso/easy-way-to-check-if-an-item-
exists-in-array-in-js)

LEARN

Courses (/explore)

Edpresso (/edpresso)

Blog (/blog)

For Students (/github-students)

For Educators (/github-educators)

For Teams (/business)

Subscriptions (/unlimited)

CodingInterview.com (//codinginterview.com/)

CONTRIBUTE

Become An Author (/authors)

Published Authors (/published-authors)

Become An Affiliate (/affiliate)

LEGAL

Privacy Policy (/privacy)

Terms of Service (/terms)

Enterprise Terms of Service (/enterprise-terms)

MORE

Team (/team)

edpresso
a shot of dev knowledge (/edpresso)

Team (/team)

Careers (//angel.co/educativeinc/jobs) (/edpresso)

(/)

Enterprise (/business)

Blog for Business (/blog/enterprise)

FAQ (/courses/educative-faq/)

Contact Us (/contactUs)

SOCIAL

(///facebook.com/educativeinc)

(///linkedin.com/company/educative-inc/)

(///twitter.com/educativeinc)