Client Authentication

Prevent unauthorized access & protect business assets

What is Client Authentication?

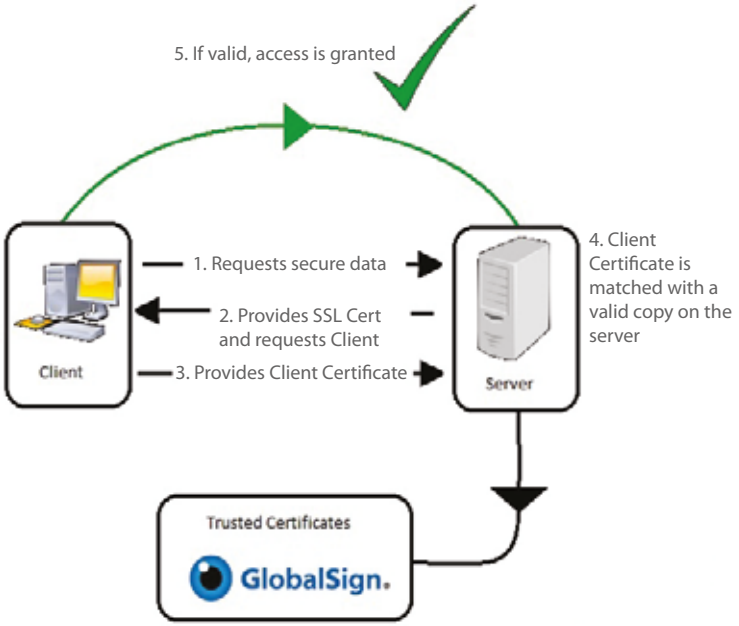
Client Authentication is the process by which users securely access a server or remote computer by exchanging a Digital ID. A Digital ID is an individual's identity (typically including the name, company name and location of the Digital ID owner) bound to a unique cryptographic credential. Networks and web services can be configured to only allow access to particular Digital IDs.

Two Factor Authentication

Prevent unauthorized access or simply add a second layer of security to your current username and password combination. Client Authentication and Access Control help organizations meet regulatory and privacy compliancy as well as fulfill internal security policies using PKI based two factor authentication – something you have (a GlobalSign Digital Certificate) and something you know (an internally managed password).

How does it work?

The server requests a digital certificate from the client to verify that they are who they claim to be.The Certificate must be an X.509 Certificate and must be signed by a trusted Certificate Authority (CA) as the server will check it against its listed of trusted Certificates and only then a secure session will be established.



Server security requirements

Different levels of authentication can be set up depending on the strength and granularity of authentication required.

Granularity refers to the fact that some servers identify individual users throughout a session, while others identify users only during the first request. A fine-grained system is useful if specific authorization or accountability of a user is required. Coarse-grained systems may be preferred in situations where partial user anonymity is desired.

Client Authentication Use Cases

GlobalSign Client Authentication solutions can be used to access a variety of business services, including:

- Enterprise Email
- Networks
- Sharepoint
- Google Apps
- Salesforce

Deployment options

Browser-based workflows

A trusted digital credential is issued to an individual or departmental identity and stored on a device (i.e., PC or mobile). The credential is then used by the device to authenticate to the server. The Certificate can only be used from one specific browser, machine, laptop, desktop, or server.

FIPS-based workflows

To avoid being tied to one machine, a secure USB token can also be used. A trusted digital credential is issued to an individual or departmental identity and stored securely on a cryptographic device, a SafeNet FIPS 140-1 level 2 cryptographic USB token, which is portable and password-secured. The token can be plugged into any USB port without the need for costly reader devices.

Features and Benefits

- Prevents unauthorized access and enhances current security
- Helps meet company email security policies and regulatory compliance
- Cryptographically encapsulates an identity within a Digital ID
- Can be used for in-browser client authentication to VPNs, smartcard technology, cloud applications, and mobile devices
- Cost effective for businesses large to small

For more information about GlobalSign solutions, please call 1-877-755-4562
Visit www.globalsign.com for more information