Show Good Handshake Analysis

Sort Order : Error Code Descending
Showing Entries : 1 -10
Trace File:sslntj

-	Packet Date	Addresses	Error Code	Events
1	2010-01-31 07:32:50.0	Source: 192.168.1.108:2018 Dest:65.55.195.250:443	254	Handshake from client IP address:192.168.1.108 port: 2018 to server IP address 65.55.195.250 port: 443 completed properly. • The Client Hello was sent at 2008-10-01 11:32:45.425190. • The next packet expected is the Server Hello. • A Server Hello was sent at: 2008-10-01 11:32:45.620085. • The Cipher Suite used is: TLS_RSA_WITH_RC4_128_MD5 (0x04). • The next packet expected is from the server and it is a Server Certificate. • A Server Certificate was sent at: 2008-10-01 11:32:45.620085. • This indicates that agreement was reached between the client and server on the Cipher Suite. • The Server Certificate may be sent in multiple packets. • The next packet expected is from the server and it is a Server Done packet. • A Server Done was sent at: 2008-10-01 11:32:45.620085. • The Server Certificate has been completely sent. • The next packet expected is from the client and it is a Client Key Exchange. • A Client Key Exchange was sent at: 2008-10-01 11:32:45.621022. • The next packet expected is from the client and it is a Client Cipher Spec. • A Client Cipher Spec was sent at: 2008-10-01 11:32:45.621022 This indicates complete acceptance of the Server Certificate. • The next packet expected is from the server and it is a Server Cipher Spec. • A Server Cipher Spec was sent at: 2008-10-01 11:32:45.723899 This indicates completion of a successful SSL handshake. • The next packet expected is the start of application data flow.

Timing Analysis

- The time between the TCP handshake and the Client Hello was: 0 seconds, 0 milliseconds, 372 microseconds.
- A time of less than 100 milliseconds is generally not a problem.
- The time between the Client Hello and Server Hello was: 0 seconds, 194 milliseconds, 895 microseconds.
- A time greater than 100 milliseconds may indicate a problem at the Server.
- The time between the Server Hello and Server Done was: 0 seconds, 0 milliseconds, 0 microseconds. This is the time to transfer the Server Certificate.
- A time of less than 100 milliseconds is generally not a problem. If the time is 0, then the Server Hello, Server Certificate and Server Done were sent in the same packet.
- The time between the Server Done and Client Key Exchange was: 0 seconds, 0 milliseconds, 937 microseconds. This is the time to validate the Server Certificate and create the Client Key.
- A time of less than 100 milliseconds is generally not a problem.
- The time between the Client Change Cipher Spec and Server Change Cipher Spec was: 0 seconds, 102 milliseconds, 877 microseconds. This is the time to validate the Server Certificate and create the Client Key.
- A time greater than 100 milliseconds may indicate a problem at the Server.
- The total time for the SSL handshake was: 0 seconds, 298 milliseconds, 709 microseconds.