Runtime Infrastructure - Bug #2860

Support # 2696 (New): security review

implement proper server certificate validation in spawned clients

11/19/2015 02:10 PM - Greg Shah

Status:	Closed		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				
billable:	No		**case_num:**	
vendor_id:	GCD		**version:**	

Description

Related issues:			
Related to User Interface - Bug #2778: ./ask-gui.p fails if "Program name" is...		**Closed**	**10/23/2015**

History

#1 - 11/19/2015 02:14 PM - Greg Shah

The current web client disables server certificate validation when connecting. This is insecure and makes our code vulnerable to man-in-the-middle (MITM) attacks. The solution is to provide the server's certificate and/or proper CA in a truststore that is sent down to the client via the temporary client session. Or, if the already existing keystore is enough, to make it work properly.

For more details, see #2778-97.

At a minimum this security issue affects the web client.

#2 - 11/19/2015 04:25 PM - Greg Shah

- Status changed from New to Closed

Fixed in task branch 2677a revision 11065.