

INCREASED COMMUNICATION SECURITY

ABSTRACT

Authentication data may be generated and included in a Constrained Application
5 Protocol (CoAP) message communicated from a first computer system to a second
computer system. The authentication data may allow the second computer system to
perform message validation for verifying the authenticity of the first computer system
and/or the integrity of the CoAP message. And in one embodiment, where the CoAP
message includes a nonce, security can be improved by allowing the second computer
10 system to advantageously detect and/or act on a replay attack.

Figure 1