Patent Search

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Abstract:

The present invention discloses an IoT equipment based secured cloud network communication and method thereof. The system includes, but not li sending a first message to an IoT based computation server over an IoT network requesting a secure communication session therewith, the messag client connected in the IoT network requesting the authenticated communication session. Further, the client device is configured to receive from the IoT network a digital certificate issued by a certifying source verifying information contained in the digital certificate, which includes a plurality of fiel accordance with a transformation instruction. Accompanied Drawing [FIG. 1]

Complete Specification

Claims:1. An IoT equipment based secured cloud network communication system, comprising:
a client device for sending a first message to an IoT based computation server over an IoT network requesting a secure communication session the including an identity of the client connected in the IoT network requesting the authenticated communication session.
2. The system as claimed in claim 1, wherein the client device is configured to receive from the computation server over the IoT network a digital certifying source verifying information contained in the digital certificate, which includes a plurality of fields being transformed in accordance with instruction.
3. The system as claimed in claim 1, wherein the computation server is a Home Authentication, Authorization, Accounting server associated with communications session is established to gain access to the IoT network.
4. The system as claimed in claim 1, wherein the client device is configured to transmit to the other subscriber, the certificate of the subscriber th one characteristic which must be fulfilled by the client device to authenticate the subscriber as an authenticated verifier and contains a public key.
5. The system as claimed in claim 1, wherein the computation server is configured to verify by a computer system of the subscriber, whether the least one characteristic specified in the certificate of the subscriber to authenticate the subscriber as the authenticated verifier.
6. The system as claimed in claim 1, wherein the first computer system of the first subscriber is configured to generate a response to the challen private key of the subscriber and sending the response to the subscriber.
7. The system as claimed in claim 1, wherein the identity of the client device or the identity range comprises at least one of an IoT based commu

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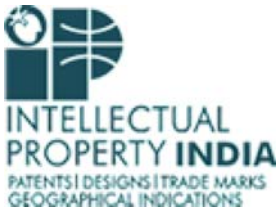

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TITLE OF INVENTION	AN IOT EQUIPMENT BASED SECURED CLOUD NETWORK COMMUNICATION AND METHOD THEREOF
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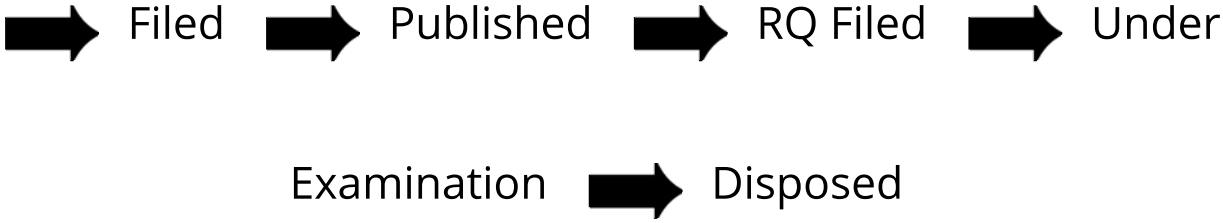

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