



RESEARCH ARTICLE

Efficient Key Generation for Multimedia and Web Applications

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Abstract— One of the main challenges for a secure multicast is access control, for making sure those only legitimate members of multicast group have access to the group communication. In the past two or three decades, cryptography has become the well-established means to solve the security problems in networking. However, there are still a lot of difficulties for directly deploying cryptography algorithms into multicasting environment as what has been done for unicasting environment. The commonly used technique to secure multicast communication is to maintain a group key that is known to all users in the multicast group, but should remain unknown to any person outside the group. This Paper discusses an enhanced technique which can be used for an efficient management of the group key.

Key Terms: - Multicast, Key Generation Centers, Group Controller.

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