

Problems with PAKE protocols

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Index Terms—

I. INTRODUCTION

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II. RELATED WORK

III. BACKGROUND

IV. PROBLEMS WITH PAKE

A. Attacks on PAKE

1) Time-Attack:

2) Replay-Attack:

3) *Dictionary Attack*: Especially the offline dictionary attack is a problem, happens to other services/protocols aswell Assymetric PAKE

B. General Design Flaws

C. General Problems occuring in PAKE Problems

V. EVALUATION

VI. DISCUSSION

VII. CONCLUSION

REFERENCES

Please number citations consecutively within brackets [1]. The sentence punctuation follows the bracket [2]. Refer simply to the reference number, as in [3]—do not use “Ref. [3]” or “reference [3]” except at the beginning of a sentence: “Reference [3] was the first . . .”

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