My First LaTeX Document

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Abstract

Smartphones are increasingly being used to store personal information as well as to access sensitive data from the Internet and the cloud. Establishment of the identity of a user requesting information from smartphones is a prerequisite for secure systems in such scenarios. In the past, keystroke-based user identifiation has been successfully deployed on production-level mobile devices to mitigate the risks associated with naive username/password based authentication. However, these approaches have two major limitations: they are not applicable to services where authentication occurs outside the domain of the mobile device such as web-based services; and they often overly tax the limited computational capabilities of mobile devices.

In this paper, we propose a protocol for keystroke dynamics analysis which allows web-based applications to make use of remote attestation and delegated keystroke analysis. The end result is an efficient keystroke-based user identification mechanism that strengthens traditional password protected services while mitigating the risks of user profiling by collaborating malicious web services. We present a prototype implementation of our protocol using the popular Android operating system for smartphones.

1 Introduction

This is going to be a normal paragraph in our introduction.

1.1 Some Background

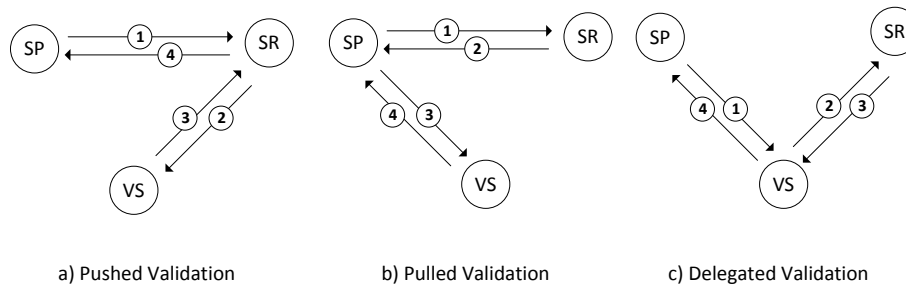Some more stuff.

1.1.1 Drilled Down

More information here.

a) Pushed Validation   b) Pulled Validation   c) Delegated Validation

Figure 1: My First Figure

Head 1	Head 2	Head 3	Head 4
1	2	3	4

Table 1: My First Table

2 Background

2.1 More Stuff: Tables and Figures

To insert a figure, you can use the TeXnicecenter menus.
     Now for a table!

2.2 More Stuff

Some text here that wants to refer to Table 1. You can also refer to the Figure 1. When you want to refer to a previous section, you can use the \ref command again. Section 2 and Section 1.1.1.

2.3 Sub section through input command

This comes from a separate file. Notice that we have this subsection included in the Navigator.