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User Authentication and Related Topics: An Annotated Bibliography

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Report Number: 91-086

Spafford, Eugene H. and Weeber, Stephen A., "User Authentication and Related Topics: An Annotated Bibliography" (1991). *Department of Computer Science Technical Reports.* Paper 924. https://docs.lib.purdue.edu/cstech/924

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CSD-TR-91-086 December 1991

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Introduction

This bibliography is the result of our examination of the current state of user authentication, with an emphasis on password authentication.

We believe that this bibliography is representative of the most important works in the area in recent years. Many of these citations include notes indicating the content of the work; however, inclusion of the citation or of additional notes does not necessarily indicate we believe the work to be more significant than other items.

We would appreciate being told of any pertinent references missing from this collection.

Acknowledgments

Our thanks to Matt Bishop for his suggestions of additions to this document.

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A cognitive model for password selection is proposed based on semantic memory, episodic memory, and information from the environment. Various transformation and mnemonic techniques are also discussed. Finally, the authors assert that materials which would aid users in making good password choices should be readily available on the system.

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