

pale shadow

Cyber Security Research Team

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Summary

In this project paper we will consider the issue of a "dirty" local development environment, where credentials for lab and dev environments may be handled with less care than other elements of the network. Then we will discuss precisely what to do about it. Using freely available Open Source tools and a few easy to remember patterns we can work in a much more efficient and secure manner.

- First we look at how to set up a workable solution for storing credentials.
- Next we do some local search and cleanup to get our systems in order.
- Finally, we will see how we can still easily use these credentials though they remain encrypted at rest and in transit to our "vault" from now on.

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Introduction

1.1 Setting Up

The same repo where this paper can be downloaded has the tools described in this and future chapters.

Finding Secrets on Local Machine

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Storing Secrets

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Using Secrets

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