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This sample shows one means of saving and restoring the [EntityManager cache](#) in encrypted format.

- **Platform:** Console
- **Language:** C#, VB
- **Download:** [Save and restore encrypted cache state \(Console\)](#)

Problem

You'd like to save the contents of the *EntityManager* cache to a file for disconnected use. You'd also like that file to be secure from prying eyes.

Solution

This solution illustrates how to save the contents of an [EntityManager cache](#) to local storage, in encrypted form; and how to restore the saved CacheState to an EntityManager.

See [Save and restore using chained streams](#) for a simpler solution to encrypting cache files using stream chaining.