# CWE Detail – CWE-1096

## Description

The product implements a Singleton design pattern but does not use appropriate locking or other synchronization mechanism to ensure that the singleton class is only instantiated once.

## Extended Description

This issue can prevent the product from running reliably, e.g. by making the instantiation process non-thread-safe and introducing deadlock (CWE-833) or livelock conditions. If the relevant code is reachable by an attacker, then this reliability problem might introduce a vulnerability.

## Threat-Mapped Scoring

Score: 0.0

Priority: Unclassified

## Common Consequences

**•** Impact: Reduce Reliability — Notes: