





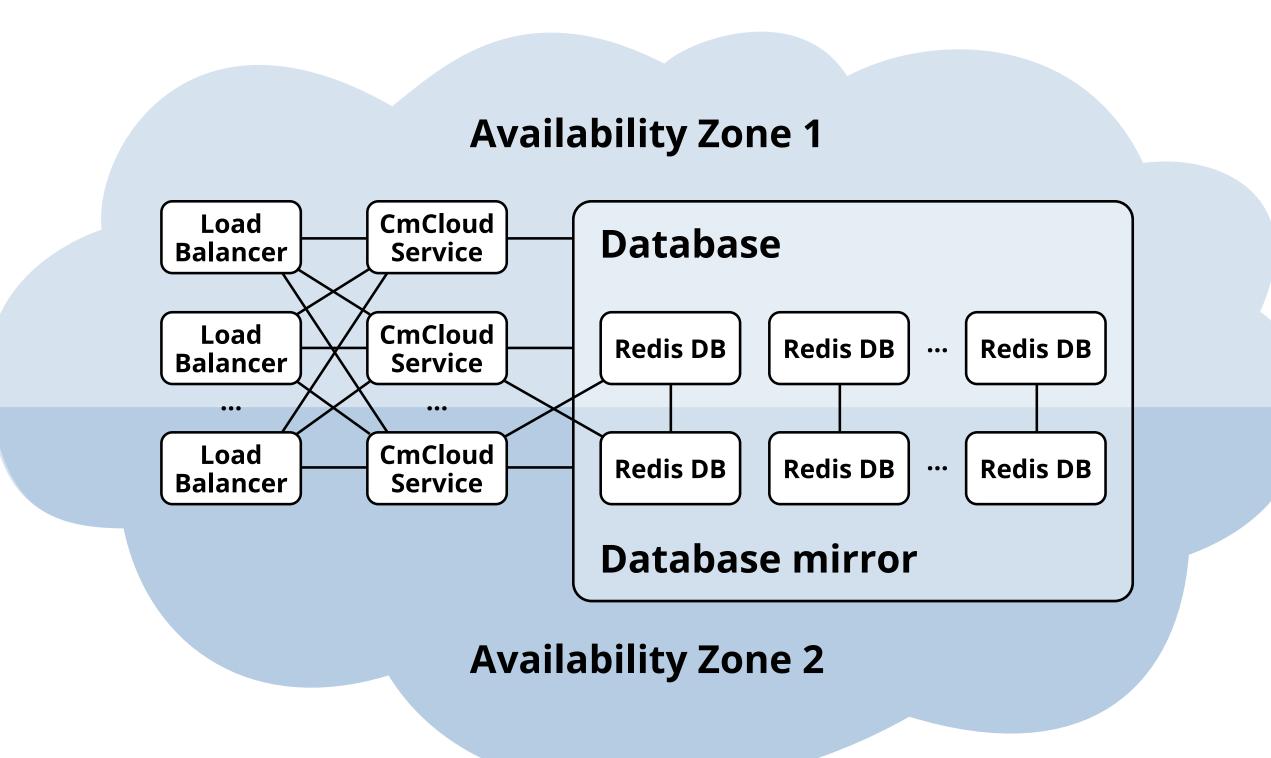


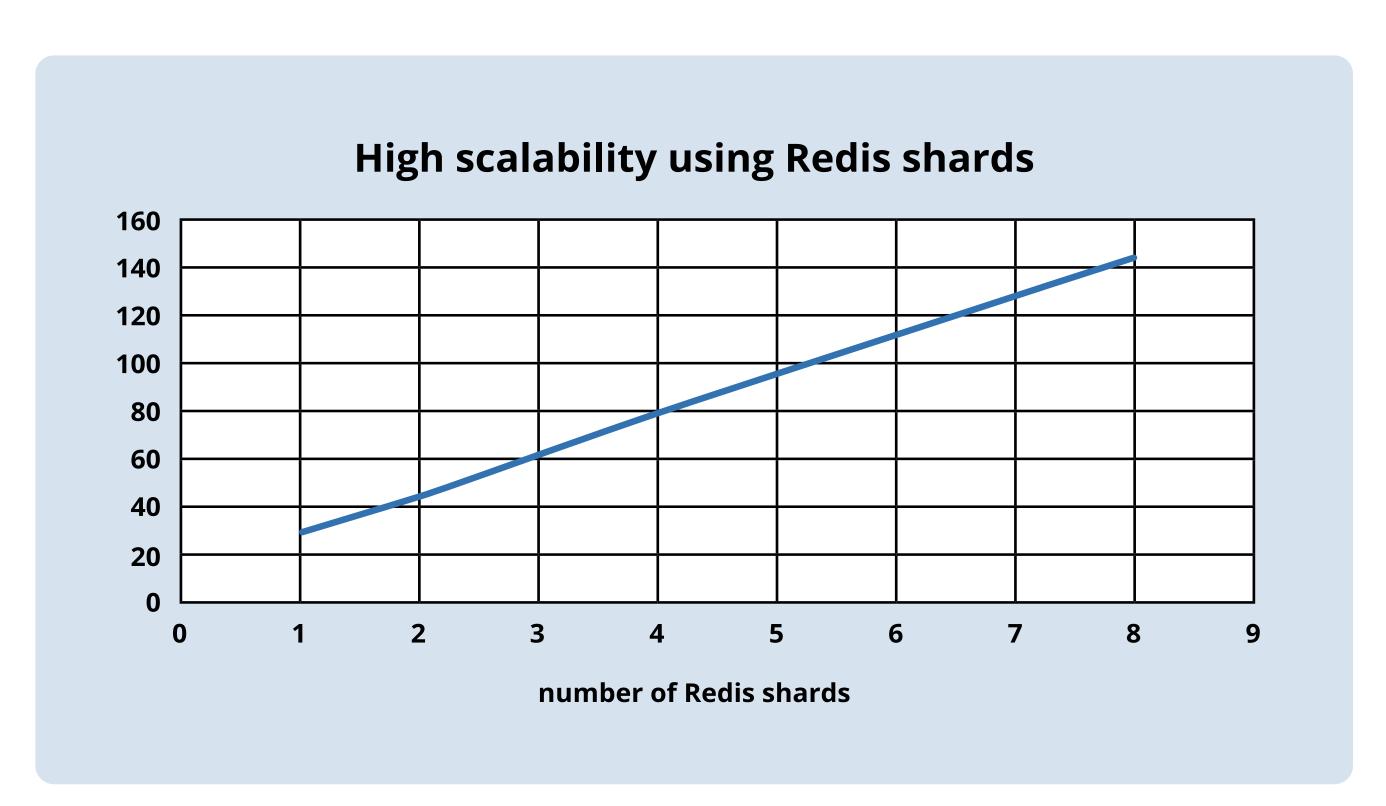




## High scalability and availability for software protection in the cloud

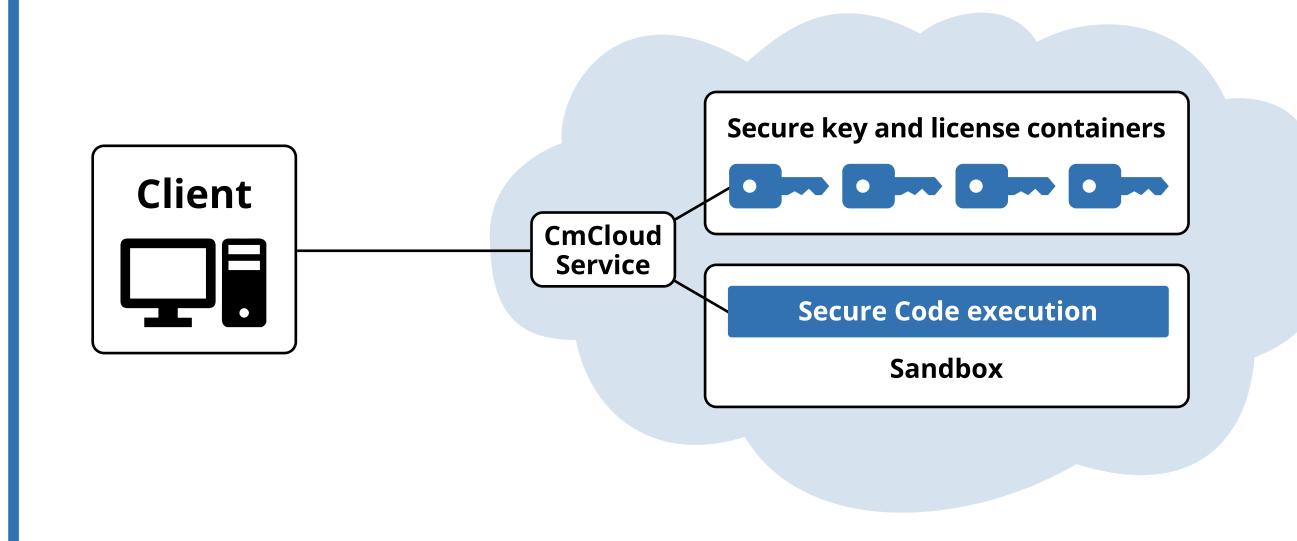
- Licensing and accounting of applications that are executed on a large scale as real-time applications on cloud hardware
- Secure elements in the cloud are needed to balance the interests of different participants
- From a classic architecture with dedicated load balancers, distributed databases and redundant servers, we switched to a dynamic structure that reacts dynamically to requirements on several levels. This ranges from the dynamic allocation of IP addresses to the automatic generation of workers and the dynamic distribution and synchronization of high-performance databases.





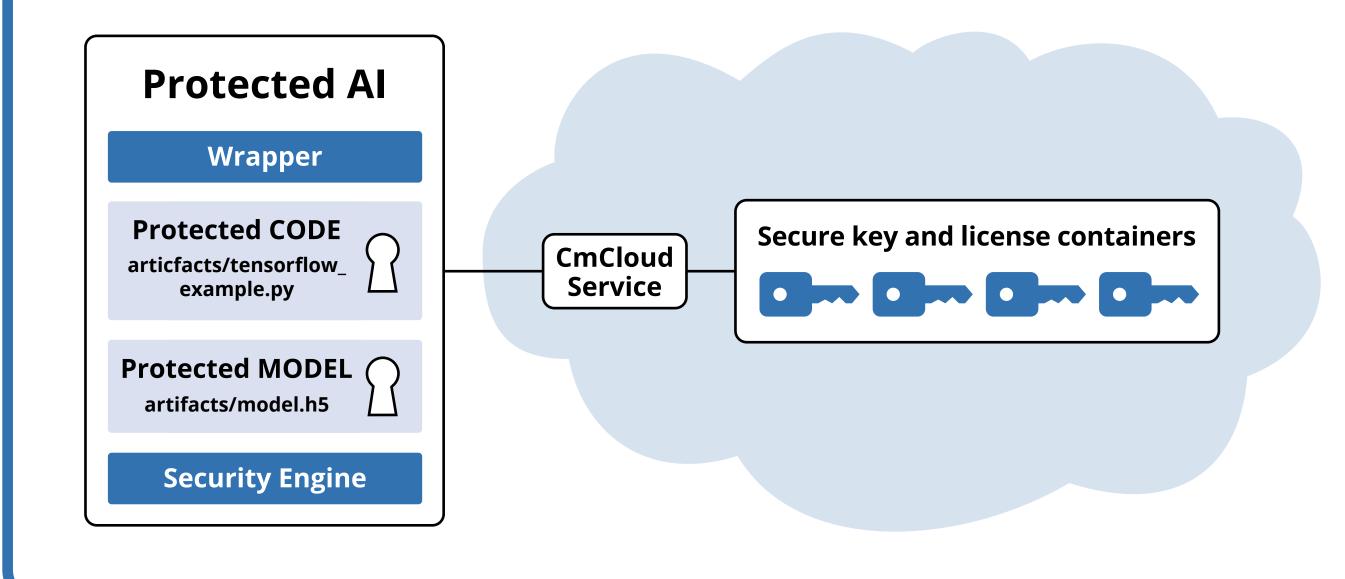
## Protecting software in the cloud

- Secure storage of
  - Licenses
  - Key material
  - Certificates
- Decryption possible on function level
- Parts of the application can be securely executed in the cloud



## **Protecting AI applictions**

- Protection of code and model
  - Tamper resistance
  - Anti reverse engineering
  - Licensing of Al application



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