

## 通用高性能密码服务系统模型

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**摘要:** 互联网行业的飞速发展, 使安全传输成为关注的焦点, 单一密码机的性能已经不能满足日益增长的安全服务需求. 提出了一种通用的高性能密码服务系统模型, 通过统一的服务接口设计和相应的密码服务资源调度算法, 实现不同密码机密码服务资源的统一管理. 经测试, 基于该模型实现的密码服务系统能够很好地满足互联网应用安全传输的安全服务需求.

**关键词:** 密码机; 密码服务; 资源虚拟化

## General High-Performance Cryptographic Service System Model

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**Abstract:** With the rapid development of Internet industry, secure transmission has become the focus of attention, the performance of single cryptographic machine cannot meet the demand of the growing security services. Aiming at this problem put forward a general high-performance cryptographic service system model, implement unified management of different types of cryptographic machine, through designing a unified service interface and cryptographic service resources scheduling algorithm. After the test, the cryptographic service system can meet the demand of the secure service.

**Key words:** cryptographic machine; cryptographic service; resource virtualization

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