



LX2160A和LS1046A处理器的小型小区集成回传(SIB)应用解决方案套件(ASK)

IPSEC-BASED-PACKET-TRANSPORT

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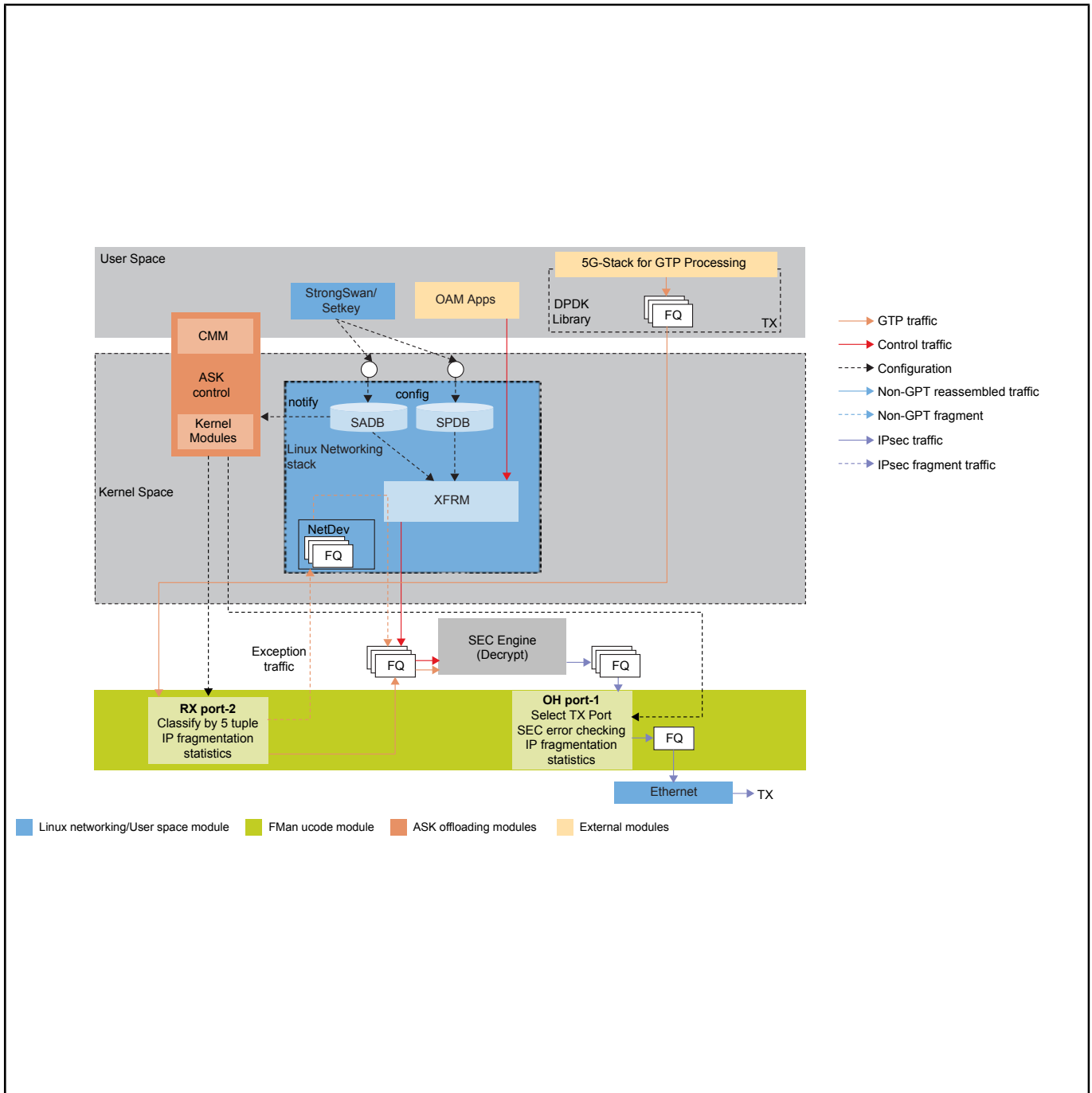
这款5G小型基站集成回传软件包(SIB ASK)利用恩智浦安全硬件以及硬件或软件实现的数据包快速路径发送数据包，从而卸载主CPU的负载。通过现有的IPTABLES和防火墙规则进行配置。快速路径显著节省了CPU周期，不仅提升了CPU的利用率、数据包的吞吐量，还降低了延迟，同时优化了功耗。

利用Linux协议栈完成初始连接处理和会话学习。

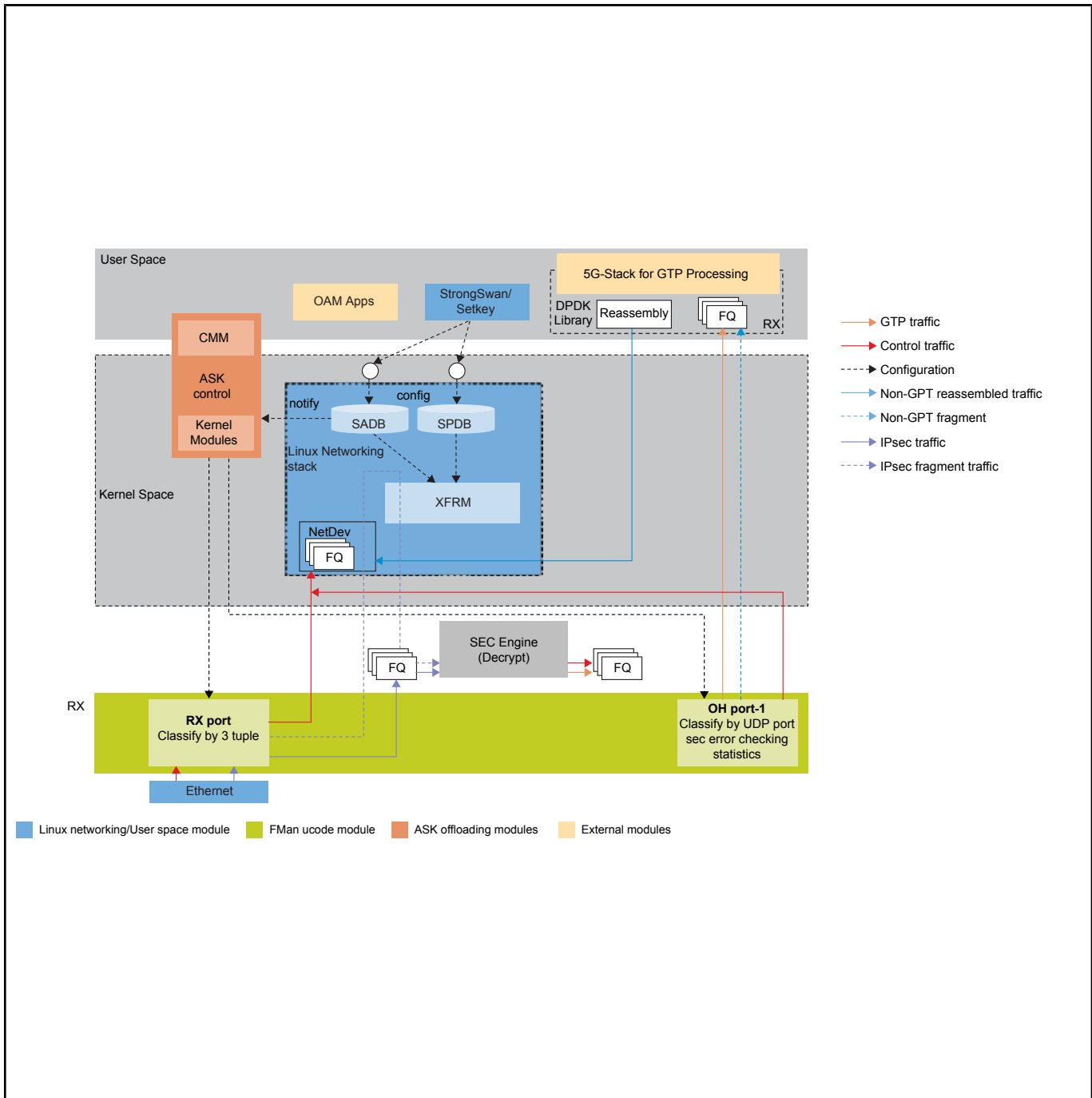
通过快速路径引擎分流大量数据流量，从而显著提升CPU利用率、数据包吞吐量，降低延迟，并优化功耗。

基于硬件的QoS(CEETM)功能支持严格优先级队列(SPQ)以及加权带宽公平调度(WBFS)。

SIB-TX Block Diagram



SBI-RX Block Diagram



View additional information for [LX2160A](#)和[LS1046A](#)处理器的小型小区集成回传(SIB)应用解决方案套件(ASK).

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