

告警信息

```

%@7930%Oct 26 22:53:16:457 2023 SDYT-SC2-CDN-2-SNS-SW10-H3CS7610E
LIPC/4/LIPC_STCP_CHECK: Data stays in the receive buffer for an over long time. Owner=comsh, V
RF=0, local address/port=2128/25537, remote address/port=4168/14610.
%@7931%Oct 26 22:53:16:457 2023 SDYT-SC2-CDN-2-SNS-SW10-H3CS7610E
LIPC/4/LIPC_STCP_CHECK: Data stays in the receive buffer for an over long time. Owner=comsh, V
RF=0, local address/port=2128/25536, remote address/port=4168/14610.
%@7932%Oct 26 22:53:16:457 2023 SDYT-SC2-CDN-2-SNS-SW10-H3CS7610E
LIPC/4/LIPC_STCP_CHECK: Data stays in the receive buffer for an over long time. Owner=comsh, V
RF=0, local address/port=2128/25535, remote address/port=4160/14610.
%@7933%Oct 26 22:53:16:457 2023 SDYT-SC2-CDN-2-SNS-SW10-H3CS7610E
LIPC/4/LIPC_STCP_CHECK: Data stays in the receive buffer for an over long time. Owner=comsh, V
RF=0, local address/port=2128/25534, remote address/port=4160/14610.
%@7934%Oct 26 22:53:16:457 2023 SDYT-SC2-CDN-2-SNS-SW10-H3CS7610E
LIPC/4/LIPC_STCP_CHECK: Data stays in the receive buffer for an over long time. Owner=comsh, V
RF=0, local address/port=2128/25533, remote address/port=4144/14610.
%@7935%Oct 26 22:53:16:457 2023 SDYT-SC2-CDN-2-SNS-SW10-H3CS7610E
LIPC/4/LIPC_STCP_CHECK: Data stays in the receive buffer for an over long time. Owner=comsh, V
RF=0, local address/port=2128/25532, remote address/port=4144/14610.
Data stays in the receive buffer for an over long time. Owner=comsh, VRF=0, local address/port=212
8/25519, remote address/port=2120/14610.
%@7942%Oct 26 22:53:16:457 2023 SDYT-SC2-CDN-2-SNS-SW10-H3CS7610E
LIPC/4/LIPC_STCP_CHECK: Data stays in the receive buffer for an over long time. Owner=comsh, V
RF=0, local address/port=2128/25517, remote address/port=2112/14610.
%@7943%Oct 26 22:53:16:457 2023 SDYT-SC2-CDN-2-SNS-SW10-H3CS7610E
LIPC/4/LIPC_STCP_CHECK: Data stays in the receive buffer for an over long time. Owner=comsh, V
RF=0, local address/port=2128/25515, remote address/port=2096/14610.

```

问题描述

现场设备为S7506E-X,软件版本为Release 7624P12, 出现日志告警, 但是告警是不定时出现

过程分析

查看日志手册

74.3 LIPC_STCP_CHECK

日志内容	Data stays in the receive buffer for an over long time. Owner=[STRING], VRF=[INTEGER], local address/port=[INTEGER]/[INTEGER], remote address/port=[INTEGER]/[INTEGER].
参数解释	S1: 进程的名称 S2: LIPC链接所属的VPN S3: LIPC链接的四元组信息之本地节点的LIP地址 S4: LIPC链接的四元组信息之本地节点端口号 S5: LIPC链接的四元组信息之对端节点的LIP地址 S6: LIPC链接的四元组信息之对端节点端口号
日志等级	4
举例	LIPC/4/LIPC_STCP_CHECK: Data stays in the receive buffer for an over long time. Owner=fsd, VRF=0, local address/port=8/10515, remote address/port=0/20415.
日志说明	进程在需要进行内部通信时, 会自动建立LIPC链接, LIPC STCP模块会按进程分配接收缓冲区, LIPC STCP模块会自动按周期检测这些缓冲区是否有数据未被进程收走, 如果进程长时间未来接收缓冲区取数据, 则表示数据有积压, 进程可能运行异常
处理建议	该日志用于协助开发人员定位, 用户无需处理

解决方法

该问题确认是软件已知问题, 在R7625版本以及后续版本解决:

问题原因:

Comsh模块的某流程krpc通信消息残留在缓冲区里无人接收, 平台定时检测机制(3分钟)检测到并打印告警信息。需要等下一次触发相同krpc通信流程才能被回收;

该打印对业务无影响, 只是一个打印日志; 从最新收集的诊断来看, 已经恢复了。

最后一条打印记录:

```
%@12875%Oct 27 00:17:09:351 2023 SDYT-SC2-CDN-2-SNS-SW10-H3CS7610E LIPC/4/LIPC_ST  
CP_CHECK: Data stays in the receive buffer for an over long time. Owner=comsh, VRF=0, local addr  
ess/port=2128/25505, remote address/port=2048/14610.
```

问题触发后, 可尝试通过收集一次诊断恢复, 诊断里有大量的命令, 通过诊断命令 触发相同krpc通信
流程; 如下时间点收集完诊断后就不再打印了。

```
%@12880%Oct 27 00:18:18:423 2023 SDYT-SC2-CDN-2-SNS-SW10-H3CS7610E SHELL/6/SHELL  
_CMD_INPUT: Input string for the display diagnostic-information
```

如果要彻底解决, 建议升级7634P11版本。