

# 知 某局点S10500X内存异常升高

内存 俞卓尔 2024-03-25 发表

## 问题描述

设备-Chassis=2-Slot=3 LSEM1TGS48SD0内存持续较高, 91.8%

Chassis 2 Slot 3:

	Total	Used	Free	Shared	Buffers	Cached	FreeRatio
Mem:	1946124	1789784	156340	0	3796	40776	8.2%
-/+ Buffers/Cache:	1745212	200912					
Swap:	0	0	0				

## 过程分析

### 1、从告警看osal-128一直在增加

warning threshold has been exceeded.

Memory statistics are measured in KB:

	Total	Free	FreeRatio
Mem:	1946124	232824	11%

Free-memory thresholds:

Minor: 10%  
Severe: 7%  
Critical: 4%  
Normal: 13%  
Early-warning: 16%  
Secure: 18%

Process info(KB):

JID	Used	Name
6802	590536	ifmgr
6820	159236	laggd
6796	147992	devd
6853	84424	lldpd
6800	82392	edev

Slub info(KB):

Used	Name
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**621702 osal-128**

19584	osal-32764
16384	osal-1048572
12064	osal-16380

9984 osal-262140

### 2、已知问题导致的内存泄露

具体是0xf280000 这个模块在泄露, 该模块为Lowlpc

`[-probe]dis system internal kernel memory pool tag cha 2 slo 3`

Tag	MemoryPool	Actives	Bytes
0xf280000	2	5151315	679968972
0xf280000	2	5151530	679997352

## 解决方法

- 1、临时恢复可以重启下单板;
- 2、升级到R7755P03