

# 知 某局点x10000升级预检查提示备份rpm失败

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## 问题描述

某局点在升级x10000软件，在升级预检查时提示有个节点备份rpm失败

```
[2024-08-28 13:08:31] succeed to close scrub
[2024-08-28 13:08:31] start prepare upgrade
[2024-08-28 13:09:17] ERROR: [redacted] backup_system_rpms failed, reason: Commands: [bash /opt/h3c/upd/upgrade/util/script/upd_node_exec.sh backup_system_rpms] execute error, stderr: [Warning: RPMDB altered outside of yum. warning: /var/log/upd_pkg/us/product/upgrade-rpms/python-2.7.5-90.el7.x86_64.rpm: Header V3 RSA/SHA256 Signature, key ID f4a80eb5: NOKEY]
[2024-08-28 13:09:17] start to rollback prepare
```

## 过程分析

1、从这个报错来看是备份rpm失败，查看/var/log/upgrade/upd\_node\_exec.log日志，发现在rebuild rpm失败，故影响rpm备份

```
Running transaction
Installing : rpmrebuild-2.11-3.el7.noarch
Verifying : rpmrebuild-2.11-3.el7.noarch

Installed:
rpmrebuild.noarch 0:2.11-3.el7

Complete!
2024-08-28 13:08:47 [INFO] succeed to install rpmrebuild
2024-08-28 13:08:47 [ERROR] rebuild rpm failed: python
2024-08-28 13:51:26 [INFO] Begin to backup system rpms
2024-08-28 13:51:26 [ERROR] rebuild rpm failed: python
```

2、系统自己尝试重建rpm，反应现场的rpm依赖应该出现了问题，可以手动尝试重构。预检查报错提示只有一个节点有问题，其他节点检查相关日志是通过的，说明其他节点rpm正常。

## 解决方法

- 1、进入/var/lib/rpm路径
- 2、将该路径下的\_db.XXX这几个文件删除

```
[root@redacted rpm]# ls
Basenames      _db.001      _db.003      Group         Name          Packages     Requirename   Sigmd5
Conflictname   _db.002      Dirnames     Installtid   Obsoletename  Providename   Sha1header    Triggername
[root@redacted rpm]#
```

- 3、再执行rpm --rebuilddb，会从正常节点获取相关数据
- 4、重建成功后再次预检查即可