**Dumpe2fs Test**

1. **Change History**

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| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Remarks** |
| v1.0 | 19/7/2024 | dale.qi | First Version |

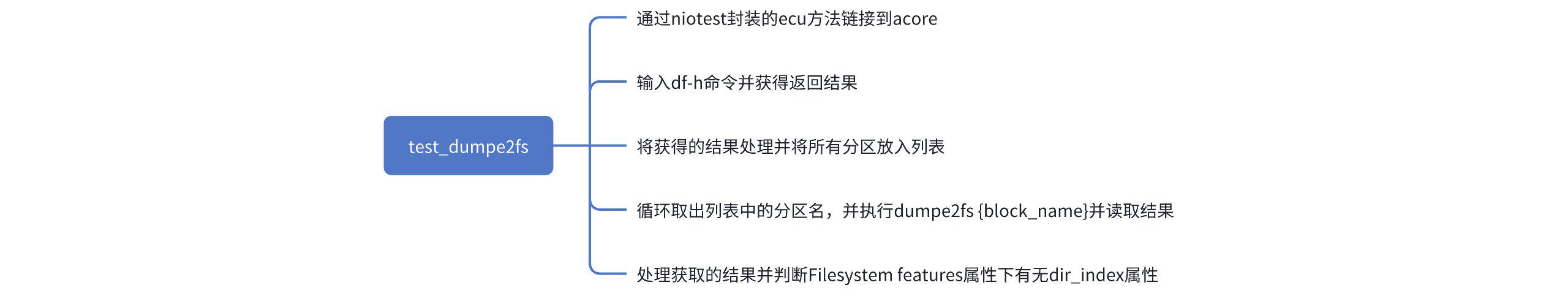
2. **Overview**

检查acore每个分区的Filesystem features查看是否有dir\_index属性

3. **Requirement**

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| --- | --- |
| **Dut Availability Check** | **JIRA Ticket** |
| 测试用例增加：NVOS-66439 【Premium】/var/logs/datatrack/目录异常生成了7w+个文件，影响系统性能 | https://jira.nioint.com/browse/NVOS-66630 |

4. **Design**



5. **Test Case**

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| --- | --- | --- | --- | --- | --- | --- |
| Test ID | NVOSQ | Test Name | Objective | Precedures | Expected Results for Each Steps |  |
| 1 | https://jira.nioint.com/browse/NVOS-66630 | test\_dumpe2fs | 1. 在台架用ecu方法连接到acore 2. 先取得每个分区的名字并且存放在list中 3. 取出list中的block，检查分区中是否有dir\_index属性 | 1. 运行df -h命令并且按行处理结果，获得所有block，并且添加到block\_list中 2. 循环取出block\_list中的block\_name并且执行dumpe2fs查看分区属性，按行处理属性结果，找到Filesystem features 3. 判断属性中是否具有dir\_index属性 | 1. 读取成功打印Get the command result 2. 有异常则用例error 3. 检测完毕且无异常用例通过 | AUTO |

6. **Test Execution**

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| --- |
| Bash #local执行 #artifactory\_url:https://git.nevint.com/ds/nvos-system-test 在台架clone代码到本地 执行./quickstart  sudo .venv/bin/pytest /home/nio/nvos-system-test/tests/mpu/sdk/sel4\_toybox/test\_sel4\_toybox\_dumpe2fs.py -s --ecu=VdfMPUSel4Hw --hardware=B #执行测试脚本 |

7. **Reference**