**SafeOS fullfile check**

1. **Change History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Remarks** |
| v1.0 | 5/27/2024 | dale.qi | First Version |

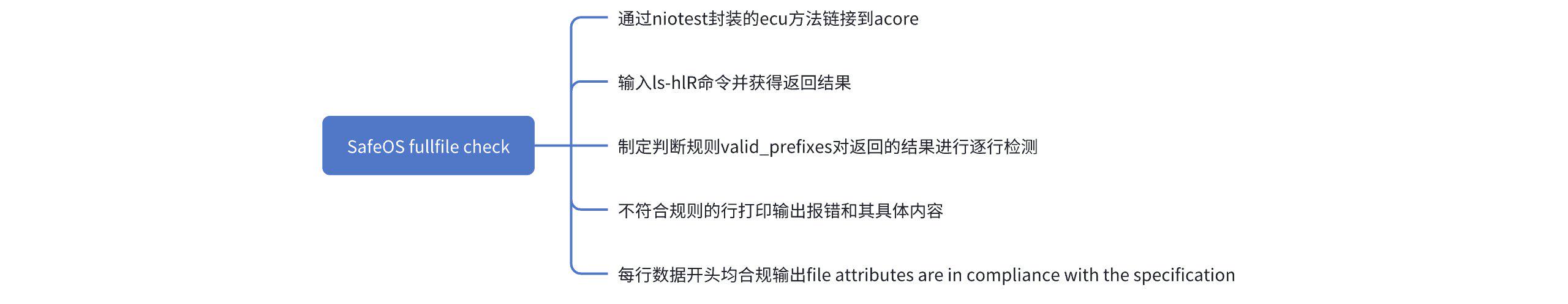
2. **Overview**

acore中有时文件属性会出现乱码，遍历全盘文件属性规范并进行检查

3. **Requirement**

|  |  |
| --- | --- |
| **Dut Availability Check** | **JIRA Ticket** |
| SafeOS fullfile check | https://jira.nioint.com/browse/NVOS-62041 |

4. **Design**



5. **Test Case**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test ID | NVOSQ | Test Name | Objective | Precedures | Expected Results for Each Steps |  |
| 1 | https://jira.nioint.com/browse/NVOSQ-66169 | test\_fullfile\_specification\_check | 1. 在台架用ecu方法连接到acore 2. 输入ls-hlR并获得命令结果 3. 将命令结果与判断规则对比判断属性是否规范 | 1. 利用niotest集成的ecu库在acore中执行ls-hlR并将返回结果放入response中 2. 手动测试总结出六种判断规则 "."表示根目录文件 "./"表示某个文件夹 "-rw"表示某个文件的读写属性 "-drw"表示某个文件夹的读写属性 "total"表示某个文件夹的总大小 ""表示空行 并将这六种规则放入valid\_prefixes中 3. response逐行与valid\_prefixes 对比 | 1. 读取成功打印Get the command result 2. 有异常输出This line does not follow the rules: {line} 3. 检测完毕且无异常输出The full check is completed and all file attributes are in compliance with the specification | AUTO |

6. **Test Execution**

|  |
| --- |
| 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/dale/nvos-system-test/tests/mpu/sdk/fullfilecheck/test\_fullfile\_check.py -s --ecu=VdfMPUSel4Hw #执行测试脚本 |

7. **Reference**