

device_expectancy.yml

```
1  ---
2
3  - hosts: Client
4    become: true
5
6    tasks:
7
8      - name: Fetch file from the other server
9        fetch:
10          src: /var/log/syslog
11          dest: /home/combo/Music
12
13      - name: Check if Syslog Service is Running
14        systemd:
15          name: syslog
16          state: started
17          register: syslog_status
18
19      - name: Check if Syslog Service is Enabled
20        systemd:
21          name: syslog
22          enabled: yes
23          register: syslog_enabled
24
25      - name: Display Syslog Service Status
26        debug:
27          msg: "Syslog Service is {{ syslog_status.state }} and {{
12  syslog_enabled.enabled }}."
28
29      - name: Check for hardware errors
30        lineinfile:
31          path: /var/log/syslog
32          regexp: 'hardware|error|fail'
33          state: absent
34          register: hardware_errors
35          check_mode: yes
36
37      - name: Check for disk issues
38        lineinfile:
39          path: /var/log/syslog
40          regexp: 'disk|storage|full'
41          state: absent
42          register: disk_issues
43          check_mode: yes
44
45      - name: Check for temperature warnings
46        lineinfile:
47          path: /var/log/syslog
48          regexp: 'overheat|temperature|thermal'
49          state: absent
50          register: temperature_warnings
51          check_mode: yes
52
53      - name: Report findings
54        debug:
```

```
55     msg:
56       - "Hardware Errors: {{ hardware_errors.found }}"
57       - "Disk Issues: {{ disk_issues.found }}"
58       - "Temperature Warnings: {{ temperature_warnings.found }}"
59
60   - name: Check Syslog Service Status
61     service:
62       name: syslog
63     register: syslog_service
64
65   - name: Display Syslog Service Status
66     debug:
67       var: syslog_service
68
69   - name: Check Disk Space
70     ansible.builtin.command: df -h
71     register: disk_space
72
73   - name: Display Disk Space
74     debug:
75       var: disk_space.stdout_lines
76
77   - name: Check Log File Sizes
78     ansible.builtin.find:
79       paths: /var/log
80       recurse: yes
81       patterns: "syslog"
82     register: log_files
83
84   - name: Get log file size
85     ansible.builtin.stat:
86       path: /var/log/syslog
87     register: log_file_stat
88
89   - name: Display log file size
90     ansible.builtin.debug:
91       msg: "The size of the log file is {{ log_file_stat.stat.size }} bytes."
92
93   # - name: SAVE OUTPUT ./backups/
94   #   copy:
95   #     content: "{{ syslog_result.stdout[0] }}"
96   #     dest: "backups/syslog_checker{{ inventory_hostname }}.txt"
97
98
99   handlers:
100     - name: Restart Syslog Service
101       systemd:
102         name: syslog
103         state: restarted
104       when: syslog_status.changed
```