**Product Sample Sanity Check List**

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Background 3

Hardware Requirement: 3

Software Requirement: 3

# Background

When we deliver the samples to customer, we check the following test items in order to make sure the hardware and software quality.

## Hardware Requirement:

|  |  |  |
| --- | --- | --- |
| ***Test Case*** | ***Criteria*** | ***Note*** |
| Power Module (PSU1/PSU2/…) | Can power on the switch. | Dual PSU should be tested. |
| Fan Module | Mounted securely and working. | 1. Check noise level is ok. 2. The module can mount the chassis tightly. |
| Management Port | 1. Can ping other hosts. 2. Check if Mac address is programmed correctly. |  |
| Console Port | The baud rate is set to <value that matches the terminal server>. Can connect terminal server to configure. |  |
| Led | on/off/color change |  |
| Data Port | 1. See led color change when connect cable. 2. Forward traffic. | This is optional test case. Need network OS to support traffic forwarding. |

## Software Requirement:

|  |  |  |
| --- | --- | --- |
| ***Test Case*** | ***Criteria*** | ***Note*** |
| ONIE | 1. Able to upgrade ONIE with USB iso image. 2. Able to choose option in grub menu. 3. Check /etc/machine.conf. Make sure onie\_platform and onie\_machine has correct format. 4. Able to load ICOS/ONL image. 5. ONIE does not erase NOS image when enter ONIE menu. |  |
| DIAG | Pass all test cases |  |
| MAC Address | Check if correct MAC is programmed in ONIE/ICOS/ONL management interface. It’s not just a default MAC address. |  |
| ONL Regression | Pass ONL regression test. | If customer needs ONL image. |
| Zero Touch Provisioning With DHCP | Pass the test cases in https://github.com/DeltaProducts/SolutionCenter/blob/master/Zero%20Touch%20Provisioning%20With%20DHCP.pdf |  |
| BMC | 1. Check if Mac address is programmed correctly. 2. Able to access BMC webpage. 3. Able to upgrade BMC image. | If BMC is available |
| CPLD | 1. Provide the command to show current version. 2. Able to upgrade CPLD image. |  |