



# **Product Sample Sanity Check List**

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## 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:

<i>Test Case</i>	<i>Criteria</i>	<i>Note</i>
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:

<i>Test Case</i>	<i>Criteria</i>	<i>Note</i>
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 <a href="https://github.com/DeltaProducts/SolutionCenter/blob/master/Zero%20Touch%20Provisioning%20With%20DHCP.pdf">https://github.com/DeltaProducts/SolutionCenter/blob/master/Zero%20Touch%20Provisioning%20With%20DHCP.pdf</a>	
BMC	<ol style="list-style-type: none"> <li>1. Check if Mac address is programmed correctly.</li> <li>2. Able to access BMC webpage.</li> <li>3. Able to upgrade BMC image.</li> </ol>	If BMC is available
CPLD	<ol style="list-style-type: none"> <li>1. Provide the command to show current version.</li> <li>2. Able to upgrade CPLD image.</li> </ol>	