

ObS Format (OSD draft rev 08)

1 Foreword

This document addresses the issue of the ObS Format operation as it is described in the revision 08 of the OSD specification.

2 Additional Text

The following paragraph exists on page 18:

“When an OSD device is shipped from the factory, there may only be a root object whose attributes are the factory defaults. There may be no partition or user objects, with the result that the data for the root object is empty. The FORMAT OSD service action shall restore an OSD logical unit to this original state.”

The following clarification is suggested after the paragraph above:

“A working OSD device must always present the Root object. When presented with a valid capability, an OSD device must be able to perform FORMAT and GET ATTRIBUTES, SET MASTER KEY, and SET KEY (OSD Device Key) service actions against the Root object at all times. There shall be no error on an OSD device that may require an explicit format to be performed. A vendor specific process might be used to verify the integrity and perform the recovery of an OSD device.”