

**6.2.3.4.2 Platform Name**

The Platform Name attribute may be registered using the protocol described in 6.2.2.3. The null value for the Platform Name attribute is a zero-length Platform Name.

The format of the Platform Name attribute shall be as shown in table 149.

**Table 149 – Platform Name Format**

Item	Size (Bytes)
Platform Name length (m)	1
Platform Name	m
Platform Name Format	1
Reserved	254-m

The Platform Name length contains the length in bytes of the Platform Name. If the Platform Name length is equal to 255 then the Platform Name Format shall not be included in the Platform Name attribute and the Platform Name shall be 255 bytes and the Platform Name Format shall be assumed to be zero.

If the Platform Name Format equals zero then the Platform Name is not defined and shall not be restricted by the Fabric Configuration Server. If the Platform Name Format contains valid information the Platform Name format shall be as indicated by the Platform Name Format (see table 150).

The Platform Name Format contains a Platform Name Type field and a Code Set field that define the format of the Platform Name (see table 150).

**Table 150 – Platform Name Format**

Bit Byte	7	6	5	4	3	2	1	0
m+1	Platform Name Type				Code Set			

The Code Set field specifies the code set used for the Platform Name, as described in table 151.

**Table 151 – Code set**

Value	Description
0h	Reserved
1h	The Platform Name shall contain binary values.
2h	The Platform Name shall contain printable ASCII characters
3h to Fh	Reserved

The Platform Name Type field specifies the format and assignment authority for the Platform name, as described in table 152.

**Table 152 – Platform Name type**

Value	Description
0h	No assignment authority was used and consequently there is no guarantee that the Platform name is globally unique.
1h	The first eight bytes of the Platform Name field is a T10 Vendor ID (see 3.6). The organization associated with the T10 Vendor ID is responsible for ensuring that the remainder of the identifier field is unique.
2h	The Platform Name field contains <del>a canonical form IEEE Extended Unique Identifier, 64-bit (an EUI-64)</del> . In this case, the identifier length field shall be set to eight. Note that the IEEE guidelines for EUI-64 <sup>a</sup> specify a method for unambiguously encapsulating an <del>IEEE-48-bit identifier EUI-48</del> within an EUI-64.
3h	The Platform Name field contains an FC-FS-4 Name_Identifier. Any FC-FS-4 identifier may be used, including one <del>of the four</del> based on an <del>Canonical form IEEE eCompany_ID (CID)</del> id.
4h	The Platform Name field contains a UUID. UUIDs are generated and formatted as described in RFC 4122.
5h to Fh	Reserved
<sup>a</sup> See <a href="https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/tutorials/eui.pdf">https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/tutorials/eui.pdf</a> .	