OID Filter

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IEEE 1904 Working Group

Object Identifier (OID) Repository

- **OID Repository**: http://oid-info.com

- An object identifier (OID) is an extensively used identification mechanism jointly developed by ITU-T and ISO/IEC for naming any type of object, concept or "thing" with a globally unambiguous name which requires a persistent name (long life-time). It is not intended to be used for transient naming. OIDs, once allocated, should not be re-used for a different object/thing.

- It is based on a hierarchical name structure based on the "OID tree". This naming structure uses a sequence of names, of which the first name identifies a top-level "node" in the OID tree, and the next provides further identification of arcs leading to sub-nodes beneath the top-level, and so on to any depth.

- A critical feature of this identification mechanism is that it makes OIDs available to a great many organizations and specifications for their own use (including countries, ITU-T Recommendations, ISO and IEC International Standards, specifications from national, regional or international organizations, etc.).

Existing OIDs related to IEEE standards

```
iso(1)
    identified-organization(3)
        ieee(111)
            standards-association-numbered-series-standards(2)
                lan-man-stds(802)
                    ieee802dot1(1)
                        ieee802dot1mibs(1)
                        …
                    ieee802dot3(3)
                        ieee802dot3dot1mibs(1)
                        …
                wave-stds(1609)
                security-in-storage-working-group(1619)
                access-networks-working-group(1904)  (added on 3/28/24)
                ieee11073(11073)
```

Additional children to be defined

```
iso(1)
    identified-organization(3)
        ieee(111)
            standards-association-numbered-series-standards(2)
                access-networks-working-group(1904)
                    siepon-1(1)
                    vlc(2)
                    siepon-4(4)
                        authentication(1)
                            credential-type(1)
```

Values
```
        device-authentication-credential(1)
        network-authentication-credential(2)
```

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Question

❑ Should we add children values denoting the defined certification types under the credential-type node?

```
iso(1)
    identified-organization(3)
        ieee(111)
            standards-association-numbered-series-standards(2)
                access-networks-working-group(1904)
                    siepon-4(4)
                        authentication(1)
                            credential-type(1)
                                device-authentication-credential(1)
                                network-authentication-credential(2)
```

Motion #?

WG instructs the WG Chair to take steps necessary to add to the OID repository the code-points for additional OID children under the OID parent node `iso(1),identified-organization(3),ieee(111),` `standards-association-numbered-series-standards(2),` `access-networks-working-group(1904):`
  - `siepon-1(1)`
  - `vlc(2)}`
  - `siepon-4(4),authentication(1),credential-type(1)`

  - Moved:
  - Second:

  - (Technical, required >= 2/3)

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- `siepon-1(1)`
- `vlc(2)`
- `siepon-4(4),authentication(1),credential-type(1):`
    - `device-authentication-credential(1),`
    - `network-authentication-credential(2)`

- Moved:
- Second:
- (Technical, required >= 2/3)