

CableLabs[®] Definition MIB Specification **Superseded**

CL-SP-MIB-CLABDEF-I02-020920

Issued

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Document Status Sheet

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Key to Document Status Codes:

- Work in Progress** An incomplete document, designed to guide discussion and generate feedback, which may include several alternative requirements for consideration.
- Draft** A document in specification format considered largely complete, but lacking review by Members and vendors. Drafts are susceptible to substantial change during the review process.
- Issued** A stable document, which has undergone rigorous member and vendor review and is suitable for product design and development, cross-vendor interoperability, and for certification testing.
- Closed** A static document, reviewed, tested, validated, and closed to further engineering change requests to the specification through CableLabs.

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1 SCOPE

Superseded

This specification describes CableLabs Definition MIB requirements.

2 REFERENCES

2.1 Normative References

In order to claim compliance with this specification, it is necessary to conform to the following standards and other works as indicated, in addition to the other requirements of this specification. Notwithstanding, intellectual property rights may be required to use or implement such normative references.

[1] CableHome 1.0 Specification, CH-SP-I02-020920, September 20, 2002

2.2 Reference Acquisition

CableLabs Specifications:

- Cable Television Laboratories, Inc., <http://www.CableLabs.com/CableHome>

3 ACRONYMS

This specification uses the following acronyms:

CA	Certificate Authority
PS	Portal Services

4 REQUIREMENTS

The CableLabs Definition MIB MUST be implemented as defined below.

```

CLAB-DEF-MIB DEFINITIONS ::= BEGIN
IMPORTS
    MODULE-IDENTITY,
    X509Certificate          FROM DOCS-BPI2-MIB
    enterprises              FROM SNMPv2-SMI;

cableLabs MODULE-IDENTITY
    LAST-UPDATED      "0209200000Z" -- September 20, 2002
    ORGANIZATION      "CableLabs"
    CONTACT-INFO
        "Ralph Brown
        Postal: Cable Television Laboratories, Inc.
              400 Centennial Parkway
              Louisville, Colorado 80027-1266
              U.S.A.
        Phone:  +1 303-661-9100
        Fax:    +1 303-661-9199
        E-mail: r.brown@cablelabs.com"
    DESCRIPTION
        "This MIB module supplies the basic management object categories for Cable
        Labs."

    ::= { enterprises 4491 }

clabFunction          OBJECT IDENTIFIER ::= { cableLabs 1 }
clabFuncMib2          OBJECT IDENTIFIER ::= { clabFunction 1 }
clabFuncProprietary  OBJECT IDENTIFIER ::= { clabFunction 2 }
clabProject           OBJECT IDENTIFIER ::= { cableLabs 2 }
clabProjDocsis        OBJECT IDENTIFIER ::= { clabProject 1 }
clabProjPacketCable  OBJECT IDENTIFIER ::= { clabProject 2 }
clabProjOpenCable    OBJECT IDENTIFIER ::= { clabProject 3 }
clabProjCableHome    OBJECT IDENTIFIER ::= { clabProject 4 }
clabSecurity          OBJECT IDENTIFIER ::= { cableLabs 3 }

clabSecCertObject    OBJECT IDENTIFIER ::= { clabSecurity 1 }

clabSrvcPrvdrRootCACert  OBJECT-TYPE
    SYNTAX              X509Certificate
    MAX-ACCESS           read-only
    STATUS               current
    DESCRIPTION
        "The X509 DER-encoded CableLabs Service Provider Root CA Certificate."
    REFERENCE
        "CableLabs CableHome Specification Section 11"
    ::= { clabSecCertObject 1 }

clabCVCRootCACert     OBJECT-TYPE
    SYNTAX              X509Certificate
    MAX-ACCESS           read-only
    STATUS               current
    DESCRIPTION
        "The X509 DER-encoded CableLabs CVC Root CA Certificate."
    REFERENCE
        "CableLabs CableHome Specification Section 11 for Standalone PS Elements only"
    ::= { clabSecCertObject 2 }

```

```
clabCVCCACert          OBJECT-TYPE
    SYNTAX              X509Certificate
    MAX-ACCESS          read-only
    STATUS              current
    DESCRIPTION
        "The X509 DER-encoded CableLabs CVC CA Certificate."
    REFERENCE
        "CableLabs CableHome Specification Section 11 for Standalone PS Elements only"
        ::= { clabSecCertObject 3 }

clabMfgCVCCert         OBJECT-TYPE
    SYNTAX              X509Certificate
    MAX-ACCESS          read-only
    STATUS              current
    DESCRIPTION
        "The X509 DER-encoded Manufacturer CVC Certificate."
    REFERENCE
        "CableLabs CableHome Specification Section 11 for Standalone PS Elements only"
        ::= { clabSecCertObject 4 }

END
```

Appendix I REVISION HISTORY

The following Engineering Change Notices were incorporated into CL-SP-MIB-CLABDEF-I02-020920:

ECN	ECN Date	Summary
CH1-N-02016	7/25/02	Add a new branch into the CLABDEF MIB for CableLabs Security for CableLabs certificates.