INTERNATIONAL STANDARD ISO/IEC 9594-5

Recommendation ITU-T X.519

Information technology – Open Systems Interconnection – The Directory: Protocol specifications

|  |
| --- |
| Summary  Recommendation ITU-T X.519 | ISO/IEC 9594-5 specifies the Directory Access Protocol, the Directory System Protocol, the Directory Information Shadowing Protocol and the Directory Operational Binding Management Protocol which fulfil the abstract services specified in Recommendation ITU-T X.501 | ISO/IEC 9594-2, Recommendation ITU‑T X.511 | ISO/IEC 9594-3, Recommendation ITU-T X.518 | ISO/IEC 9594-4 and Recommendation ITU-T X.525 | ISO/IEC 9594‑9. It includes specifications for supporting underlying protocols to reduce the dependency on external specifications. The protocols may be encoded using all standard ASN.1 encoding rules. |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| History   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Edition | Recommendation | Approval | Study Group | Unique ID[[1]](#footnote-1)\* | | 1.0 | ITU-T X.519 | 1988-11-25 |  | [11.1002/1000/3007](http://handle.itu.int/11.1002/1000/3007) | | 2.0 | ITU-T X.519 | 1993-11-16 | 7 | [11.1002/1000/3008](http://handle.itu.int/11.1002/1000/3008) | | 3.0 | ITU-T X.519 | 1997-08-09 | 7 | [11.1002/1000/4126](http://handle.itu.int/11.1002/1000/4126) | | 3.1 | ITU-T X.519 (1997) Technical Cor. 1 | 2000-03-31 | 7 | [11.1002/1000/5040](http://handle.itu.int/11.1002/1000/5040) | | 3.2 | ITU-T X.519 (1997) Amd. 1 | 2000-03-31 | 7 | [11.1002/1000/5039](http://handle.itu.int/11.1002/1000/5039) | | 3.3 | ITU-T X.519 (1997) Technical Cor. 2 | 2001-02-02 | 7 | [11.1002/1000/5319](http://handle.itu.int/11.1002/1000/5319) | | 4.0 | ITU-T X.519 | 2001-02-02 | 7 | [11.1002/1000/5321](http://handle.itu.int/11.1002/1000/5321) | | 4.1 | ITU-T X.519 (2001) Cor. 1 | 2008-05-29 | 17 | [11.1002/1000/9437](http://handle.itu.int/11.1002/1000/9437) | | 5.0 | ITU-T X.519 | 2005-08-29 | 17 | [11.1002/1000/8507](http://handle.itu.int/11.1002/1000/8507) | | 5.1 | ITU-T X.519 (2005) Cor. 1 | 2008-05-29 | 17 | [11.1002/1000/9438](http://handle.itu.int/11.1002/1000/9438) | | 5.2 | ITU-T X.519 (2005) Cor. 2 | 2011-02-13 | 17 | [11.1002/1000/11048](http://handle.itu.int/11.1002/1000/11048) | | 5.3 | ITU-T X.519 (2005) Cor. 3 | 2012-04-13 | 17 | [11.1002/1000/11588](http://handle.itu.int/11.1002/1000/11588) | | 6.0 | ITU-T X.519 | 2008-11-13 | 17 | [11.1002/1000/9597](http://handle.itu.int/11.1002/1000/9597) | | 6.1 | ITU-T X.519 (2008) Cor. 1 | 2011-02-13 | 17 | [11.1002/1000/11049](http://handle.itu.int/11.1002/1000/11049) | | 6.2 | ITU-T X.519 (2008) Cor. 2 | 2012-04-13 | 17 | [11.1002/1000/11589](http://handle.itu.int/11.1002/1000/11589) | | 7.0 | ITU-T X.519 | 2012-10-14 | 17 | [11.1002/1000/11741](http://handle.itu.int/11.1002/1000/11741) | | 8.0 | ITU-T X.519 | 2016-10-14 | 17 | [11.1002/1000/13035](http://handle.itu.int/11.1002/1000/13035) | |

|  |
| --- |
| Keywords  Attribute, chaining, directory, directory information tree, directory system agent, directory user agent, distinguished name, referral. |

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. \* To access the Recommendation, type the URL http://handle.itu.int/ in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>. [↑](#footnote-ref-1)