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Standarder RFC

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Nogle udvalgte standarder for Internet
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Indhold

1.	Indledning.....	4
2.	RFC standarder	5
1.1.	SMTP.....	5
1.2.	POP3.....	7
1.3.	HTTP.....	8
1.4.	FTP.....	9

1. Indledning

Jeg beskriver nogle udvalgte standarder i TCP/IP verdenen, der har stor betydning for dannelsen af standard for Internetkommunikation. Jeg tager nogle udvalgte standarder og lister deres referencer til disse.

2. RFC standarder

RFC står for Request For Comments.

1.1. SMTP

- 0733 Standard for the format of ARPA network text messages. D. Crocker, J. Vittal, K.T. Pogran, D.A. Henderson. Nov-21-1977. (Format: TXT=73006 bytes) (Obsoletes RFC0724) (Obsoleted by RFC0822) (Status: UNKNOWN)
- 0772 Mail Transfer Protocol. S. Sluizer, J. Postel. Sep-01-1980. (Format: TXT=61061 bytes) (Obsoleted by RFC0780) (Status: UNKNOWN)
- 0780 Mail Transfer Protocol. S. Sluizer, J. Postel. May-01-1981. (Format: TXT=80352 bytes) (Obsoletes RFC0772) (Obsoleted by RFC0788) (Status: UNKNOWN)
- 0788 Simple Mail Transfer Protocol. J. Postel. Nov-01-1981. (Format: TXT=109001 bytes) (Obsoletes RFC0780) (Obsoleted by RFC0821) (Status: UNKNOWN)
- 0821 Simple Mail Transfer Protocol. J. Postel. Aug-01-1982. (Format: TXT=124482 bytes) (Obsoletes RFC0788) (Obsoleted by RFC2821) (Also STD0010) (Status: STANDARD)
- 0822 Standard for the format of ARPA Internet text messages. D. Crocker. Aug-13-1982. (Format: TXT=109200 bytes) (Obsoletes RFC0733) (Obsoleted by RFC2822) (Updated by RFC1123, RFC1138, RFC1148, RFC1327, RFC2156) (Also STD0011) (Status: STANDARD)
- 1123 Requirements for Internet Hosts - Application and Support. R. Braden, Ed.. October 1989. (Format: TXT=245503 bytes) (Updates RFC0822) (Updated by RFC1349, RFC2181) (Also STD0003) (Status: STANDARD)
- 1138 Mapping between X.400(1988) / ISO 10021 and RFC 822. S.E. Kille. Dec-01-1989. (Format: TXT=191029 bytes) (Obsoleted by RFC1327, RFC2156) (Updates RFC0822, RFC0987, RFC1026) (Updated by RFC1148) (Status: EXPERIMENTAL)
- 1148 Mapping between X.400(1988) / ISO 10021 and RFC 822. S.E. Kille. Mar-01-1990. (Format: TXT=194292 bytes) (Obsoleted by RFC1327, RFC2156) (Updates RFC0822, RFC0987, RFC1026, RFC1138) (Status: EXPERIMENTAL)
- 1327 Mapping between X.400(1988) / ISO 10021 and RFC 822. S. Hardcastle-Kille. May 1992. (Format: TXT=228598 bytes) (Obsoletes RFC0987, RFC1026, RFC1138, RFC1148) (Obsoleted by RFC2156) (Updates RFC0822) (Updated by RFC1495) (Status: PROPOSED STANDARD)
- 1349 Type of Service in the Internet Protocol Suite. P. Almquist. July 1992. (Format: TXT=68949 bytes) (Obsoleted by RFC2474) (Updates RFC1248, RFC1247, RFC1195, RFC1123, RFC1122, RFC1060, RFC0791) (Status: PROPOSED STANDARD)
- 1495 Mapping between X.400 and RFC-822 Message Bodies. H. Alvestrand, S. Kille, R. Miles, M. Rose, S. Thompson. August 1993. (Format: TXT=20071 bytes) (Obsoleted by RFC2156) (Updates RFC1327) (Status: PROPOSED STANDARD)
- 2156 MIXER (Mime Internet X.400 Enhanced Relay): Mapping between X.400

- and RFC 822/MIME. S. Kille. January 1998. (Format: TXT=280385 bytes)
(Obsoletes RFC0987, RFC1026, RFC1138, RFC1148, RFC1327, RFC1495)
(Updates RFC0822) (Status: PROPOSED STANDARD)
- 2181 Clarifications to the DNS Specification. R. Elz, R. Bush. July
1997. (Format: TXT=36989 bytes) (Updates RFC1034, RFC1035, RFC1123)
(Updated by RFC2535) (Status: PROPOSED STANDARD)
- 2474 Definition of the Differentiated Services Field (DS Field) in the
IPv4 and IPv6 Headers. K. Nichols, S. Blake, F. Baker, D. Black.
December 1998. (Format: TXT=50576 bytes) (Obsoletes RFC1455, RFC1349)
(Updated by RFC3168, RFC3260) (Status: PROPOSED STANDARD)
- 2535 Domain Name System Security Extensions. D. Eastlake 3rd. March
1999. (Format: TXT=110958 bytes) (Obsoletes RFC2065) (Updates
RFC2181, RFC1035, RFC1034) (Updated by RFC2931, RFC3007, RFC3008,
RFC3090, RFC3226, RFC3445) (Status: PROPOSED STANDARD)
- 2821 Simple Mail Transfer Protocol. J. Klensin, Ed.. April 2001.
(Format: TXT=192504 bytes) (Obsoletes RFC0821, RFC0974, RFC1869)
(Status: PROPOSED STANDARD)
- 3168 The Addition of Explicit Congestion Notification (ECN) to IP. K.
Ramakrishnan, S. Floyd, D. Black. September 2001. (Format: TXT=170966
bytes) (Obsoletes RFC2481) (Updates RFC2474, RFC2401, RFC0793)
(Status: PROPOSED STANDARD)
- 3260 New Terminology and Clarifications for Diffserv. D. Grossman.
April 2002. (Format: TXT=21900 bytes) (Updates RFC2474, RFC2475,
RFC2597) (Status: INFORMATIONAL)

1.2. POP3

- 1081 Post Office Protocol: Version 3. M.T. Rose. Nov-01-1988. (Format: TXT=37009 bytes) (Obsoleted by RFC1225) (Status: UNKNOWN)
- 1082 Post Office Protocol: Version 3: Extended service offerings. M.T. Rose. Nov-01-1988. (Format: TXT=25423 bytes) (Status: UNKNOWN)
- 1225 Post Office Protocol: Version 3. M.T. Rose. May-01-1991. (Format: TXT=37340 bytes) (Obsoletes RFC1081) (Obsoleted by RFC1460) (Status: DRAFT STANDARD)
- 1460 Post Office Protocol - Version 3. M. Rose. June 1993. (Format: TXT=38827 bytes) (Obsoletes RFC1225) (Obsoleted by RFC1725) (Status: DRAFT STANDARD)
- 1725 Post Office Protocol - Version 3. J. Myers, M. Rose. November 1994. (Format: TXT=35058 bytes) (Obsoletes RFC1460) (Obsoleted by RFC1939) (Also STD0053) (Status: STANDARD)
- 1939 Post Office Protocol - Version 3. J. Myers, M. Rose. May 1996. (Format: TXT=47018 bytes) (Obsoletes RFC1725) (Updated by RFC1957, RFC2449) (Also STD0053) (Status: STANDARD)
- 1957 Some Observations on Implementations of the Post Office Protocol (POP3). R. Nelson. June 1996. (Format: TXT=2325 bytes) (Updates RFC1939) (Status: INFORMATIONAL)
- 2449 POP3 Extension Mechanism. R. Gellens, C. Newman, L. Lundblade. November 1998. (Format: TXT=36017 bytes) (Updates RFC1939) (Status: PROPOSED STANDARD)

1.3. HTTP

- 1945 Hypertext Transfer Protocol -- HTTP/1.0. T. Berners-Lee, R. Fielding, H. Frystyk. May 1996. (Format: TXT=137582 bytes) (Status: INFORMATIONAL)
- 2068 Hypertext Transfer Protocol -- HTTP/1.1. R. Fielding, J. Gettys, J. Mogul, H. Frystyk, T. Berners-Lee. January 1997. (Format: TXT=378114 bytes) (Obsoleted by RFC2616) (Status: PROPOSED STANDARD)
- 2616 Hypertext Transfer Protocol -- HTTP/1.1. R. Fielding, J. Gettys, J. Mogul, H. Frystyk, L. Masinter, P. Leach, T. Berners-Lee. June 1999. (Format: TXT=422317, PS=5529857, PDF=550558 bytes) (Obsoletes RFC2068) (Updated by RFC2817) (Status: DRAFT STANDARD)
- 2817 Upgrading to TLS Within HTTP/1.1. R. Khare, S. Lawrence. May 2000. (Format: TXT=27598 bytes) (Updates RFC2616) (Status: PROPOSED STANDARD)

1.4. FTP

- 0114 File Transfer Protocol. A.K. Bhushan. Apr-10-1971. (Format: TXT=38981 bytes) (Updated by RFC0133, RFC0141, RFC0171, RFC0172) (Status: UNKNOWN)
- 0133 File Transfer and Error Recovery. R.L. Sunberg. Apr-27-1971. (Format: TXT=8322 bytes) (Updates RFC0114) (Status: UNKNOWN)
- 0141 Comments on RFC 114: A File Transfer Protocol. E. Harslem, J.F. Heafner. Apr-29-1971. (Format: TXT=3781 bytes) (Updates RFC0114) (Status: UNKNOWN)
- 0171 The Data Transfer Protocol. A. Bhushan, B. Braden, W. Crowther, E. Harslem, J. Heafner, A. McKenzie, J. Melvin, B. Sundberg, D. Watson, J. White. Jun-01-1971. (Format: TXT=20616 bytes) (Obsoleted by RFC0264) (Updates RFC0114) (Updated by RFC0238) (Status: UNKNOWN)
- 0172 The File Transfer Protocol. A. Bhushan, B. Braden, W. Crowther, E. Harslem, J. Heafner, A. McKenzie, J. Melvin, B. Sundberg, D. Watson, J. White. Jun-23-1971. (Format: TXT=21328 bytes) (Obsoleted by RFC0265) (Updates RFC0114) (Updated by RFC0238) (Status: UNKNOWN)
- 0238 Comments on DTP and FTP proposals. R.T. Braden. Sep-29-1971. (Format: TXT=2735 bytes) (Updates RFC0171, RFC0172) (Status: UNKNOWN)
- 0264 The Data Transfer Protocol. A. Bhushan, B. Braden, W. Crowther, E. Harslem, J. Heafner, A. McKenzie, B. Sundberg, D. Watson, J. White. Jan-04-1972. (Format: TXT=20907 bytes) (Obsoletes RFC0171) (Obsoleted by RFC0354) (Updated by RFC0310) (Also RFC0265) (Status: UNKNOWN)
- 0265 The File Transfer Protocol. A. Bhushan, B. Braden, W. Crowther, E. Harslem, J. Heafner, A. McKenzie, J. Melvin, B. Sundberg, D. Watson, J. White. Nov-17-1971. (Format: TXT=3914 bytes) (Obsoletes RFC0172) (Obsoleted by RFC0354) (Updated by RFC0281, RFC0294, RFC0310) (Also RFC0264) (Status: UNKNOWN)
- 0281 Suggested addition to File Transfer Protocol. A.M. McKenzie. Dec-08-1971. (Format: TXT=12006 bytes) (Updates RFC0265) (Status: UNKNOWN)
- 0294 The Use of "Set Data Type" Transaction in File Transfer Protocol. A.K. Bhushan. Jan-25-1972. (Format: TXT=3924 bytes) (Updates RFC0265) (Status: UNKNOWN)
- 0310 Another Look at Data and File Transfer Protocols. A.K. Bhushan. Apr-03-1972. (Format: TXT=18593 bytes) (Updates RFC0264, RFC0265) (Status: UNKNOWN)
- 0354 File Transfer Protocol. A.K. Bhushan. Jul-08-1972. (Format: TXT=58074 bytes) (Obsoletes RFC0264, RFC0265) (Obsoleted by RFC0542) (Updated by RFC0385, RFC0454, RFC0683) (Status: UNKNOWN)
- 0385 Comments on the File Transfer Protocol. A.K. Bhushan. Aug-18-1972. (Format: TXT=13030 bytes) (Updates RFC0354) (Updated by RFC0414) (Status: UNKNOWN)

- 0414 File Transfer Protocol (FTP) status and further comments. A.K. Bhushan. Dec-29-1972. (Format: TXT=12845 bytes) (Updates RFC0385) (Status: UNKNOWN)
- 0454 File Transfer Protocol - meeting announcement and a new proposed document. A.M. McKenzie. Feb-16-1973. (Format: TXT=78966 bytes) (Updates RFC0354) (Status: UNKNOWN)
- 0542 File Transfer Protocol. N. Neigus. Aug-12-1973. (Format: TXT=100666 bytes) (Obsoletes RFC0354) (Obsoleted by RFC0765) (Updated by RFC0614, RFC0640) (Also RFC0454, RFC0495) (Status: UNKNOWN)
- 0614 Response to RFC 607: "Comments on the File Transfer Protocol". K.T. Pogran, N. Neigus. Jan-28-1974. (Format: TXT=11409 bytes) (Updates RFC0542, RFC0607) (Status: UNKNOWN)
- 0640 Revised FTP reply codes. J. Postel. Jun-19-1974. (Format: TXT=39670 bytes) (Updates RFC0542) (Status: UNKNOWN)
- 0765 File Transfer Protocol specification. J. Postel. Jun-01-1980. (Format: TXT=146641 bytes) (Obsoletes RFC0542) (Obsoleted by RFC0959) (Status: UNKNOWN)
- 0959 File Transfer Protocol. J. Postel, J.K. Reynolds. Oct-01-1985. (Format: TXT=147316 bytes) (Obsoletes RFC0765) (Updated by RFC2228, RFC2640, RFC2773) (Also STD0009) (Status: STANDARD)