                      Request for Comments Summary

                        RFC Numbers 2800-2899

Status of This Memo

   This RFC is a slightly annotated list of the 100 RFCs from RFC 2800
   through RFCs 2899. This is a status report on these RFCs. This memo
   provides information for the Internet community. It does not specify
   an Internet standard of any kind. Distribution of this memo is
   unlimited.

Note

   Many RFCs, but not all, are Proposed Standards, Draft Standards, or
   Standards. Since the status of these RFCs may change during the
   standards processing, we note here only that they are on the
   standards track. Please see the latest edition of "Internet Official
   Protocol Standards" for the current state and status of these RFCs.
   In the following, RFCs on the standards track are marked [STANDARDS-
   TRACK].

RFC   Author   Date   Title
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2899   Ginoza   May 2001   Request for Comments Summary

This memo.

2898   Kaliski   Sep 2000   PKCS #5: Password-Based
                                      Cryptography Specification
                                      Version 2.0

This document provides recommendations for the implementation of
password-based cryptography, covering key derivation functions,
encryption schemes, message-authentication schemes, and ASN.1 syntax
identifying the techniques. This memo provides information for the
Internet community.

2897   Cromwell   Aug 2000   Proposal for an MGCP Advanced
                                            Audio Package

This document is a proposal to add a new event/signal package to the
MGCP (Media Gateway Control Protocol) protocol to control an ARF (Audio
Resource Function) which may reside on a Media Gateway or specialized
Audio Server. This memo provides information for the Internet
community.

2896   Bierman   Aug 2000   Remote Network Monitoring MIB
                                            Protocol Identifier Macros

This memo contains various protocol identifier examples, which can be
used to produce valid protocolDirTable INDEX encodings, as defined by
the Remote Network Monitoring MIB and the RMON Protocol Identifier
Reference. This memo provides information for the Internet community.

2895   Bierman   Aug 2000   Remote Network Monitoring MIB
                                            Protocol Identifier Reference

This memo defines a notation describing protocol layers in a protocol
encapsulation, specifically for use in encoding INDEX values for the
protocolDirTable, found in the RMON-2 MIB. [STANDARDS TRACK]

2894   Crawford   Aug 2000   Router Renumbering for IPv6

This document defines a mechanism called Router Renumbering ("RR") which
allows address prefixes on routers to be configured and reconfigured
almost as easily as the combination of Neighbor Discovery and Address
Autoconfiguration works for hosts. [STANDARDS TRACK]

2893   Gilligan   Aug 2000   Transition Mechanisms for IPv6
                                            Hosts and Routers

This document specifies IPv4 compatibility mechanisms that can be
implemented by IPv6 hosts and routers. [STANDARDS TRACK]

2892   Tsiang   Aug 2000   The Cisco SRP MAC Layer
                                        Protocol

This document specifies the MAC layer protocol, "Spatial Reuse Protocol"
(SRP) for use with ring based media. This is a second version of the
protocol (V2). This memo provides information for the Internet
community.

2891   Howes   Aug 2000   LDAP Control Extension for
                                        Server Side Sorting of Search
                                        Results

This document describes two LDAPv3 control extensions for server side
sorting of search results. These controls allows a client to specify
the attribute types and matching rules a server should use when
returning the results to an LDAP search request. [STANDARDS TRACK]

2890   Dommety   Sep 2000   Key and Sequence Number
                                        Extensions to GRE

This document describes extensions by which two fields, Key and Sequence
Number, can be optionally carried in the GRE Header. [STANDARDS TRACK]

2889   Mandeville   Aug 2000   Benchmarking Methodology for
                                        LAN Switching Devices

This document is intended to provide methodology for the benchmarking of
local area network (LAN) switching devices. This memo provides
information for the Internet community.

2888   Srisuresh   Aug 2000   Secure Remote Access with L2TP

The objective of this document is to extend security characteristics of
IPsec to remote access users, as they dial-in through the Internet.
This memo provides information for the Internet community.

2887   Handley   Aug 2000   The Reliable Multicast Design
                                        Space for Bulk Data Transfer

This document provides an overview of the design space and the ways in
which application constraints affect possible solutions. This memo
provides information for the Internet community.

2886   Taylor   Sep 2000   Megaco Errata

This document records the errors found in the Megaco/H.248 protocol
document, along with the changes proposed in the text of that document
to resolve them. [STANDARDS TRACK]

2885   Cuervo   Sep 2000   Megaco Protocol version 0.8

This document is common text with Recommendation H.248 as redetermined
in Geneva, February 2000. It must be read in conjunction with the
Megaco Errata, RFC 2886. [STANDARDS TRACK]

2884   Hadi Salim   Jul 2000   Performance Evaluation of
                                        Explicit Congestion
                                        Notification (ECN) in IP
                                        Networks

This memo presents a performance study of the Explicit Congestion
Notification (ECN) mechanism in the TCP/IP protocol using our
implementation on the Linux Operating System. This memo provides
information for the Internet community.

2883   Floyd   Jul 2000   An Extension to the Selective
                                        Acknowledgement (SACK) Option
                                        for TCP

This note defines an extension of the Selective Acknowledgement (SACK)
Option for TCP. [STANDARDS TRACK]

2882   Mitton   Jul 2000   Network Access Servers
                                        Requirements: Extended RADIUS
                                        Practices

This document describes current practices implemented in NAS products
that go beyond the scope of the RADIUS (Remote Authentication Dial In
User Service) RFCs 2138, 2139. This memo provides information for the
Internet community.

2881   Mitton   Jul 2000   Network Access Server
                                         Requirements Next Generation
                                         (NASREQNG) NAS Model

This document describes the terminology and gives a model of typical
Network Access Server (NAS). This memo provides information for the
Internet community.

2880   McIntyre   Aug 2000   Internet Fax T.30 Feature
                                         Mapping

This document describes how to map Group 3 fax capability identification
bits, described in ITU T.30, into the Internet fax feature schema
described in "Content feature schema for Internet fax". This memo
provides information for the Internet community.

2879   Klyne   Aug 2000   Content Feature Schema for
                                         Internet Fax (V2)

This document defines a content media feature schema for Internet fax.
[STANDARDS TRACK]

2878   Higashiyama   Jul 2000   PPP Bridging Control Protocol
                                         (BCP)

This document defines the Network Control Protocol for establishing and
configuring Remote Bridging for PPP links. [STANDARDS TRACK]

2877   Murphy, Jr.   Jul 2000   5250 Telnet Enhancements

This memo describes the interface to the IBM 5250 Telnet server that
allows client Telnet to request a Telnet terminal or printer session
using a specific device name. This memo provides information for the
Internet community.

2876   Pawling   Jul 2000   Use of the KEA and SKIPJACK
                                         Algorithms in CMS

This document describes the conventions for using the Key Exchange
Algorithm (KEA) and SKIPJACK encryption algorithm in conjunction with
the Cryptographic Message Syntax [CMS] enveloped-data and encrypted-
data content types. This memo provides information for the Internet
community.

2875   Prafullchandra Jul 2000   Diffie-Hellman
                                         Proof-of-Possession Algorithms

This document describes two methods for producing an integrity check
value from a Diffie-Hellman key pair. [STANDARDS TRACK]

2874   Crawford   Jul 2000   DNS Extensions to Support IPv6
                                         Address Aggregation and
                                         Renumbering

This document defines changes to the Domain Name System to support
renumberable and aggregatable IPv6 addressing. [STANDARDS TRACK]

2873   Xiao   Jun 2000   TCP Processing of the IPv4
                                         Precedence Field

This memo describes a conflict between TCP and DiffServ on the use of
the three leftmost bits in the TOS octet of an IPv4 header. [STANDARDS
TRACK]

2872   Bernet   Jun 2000   Application and Sub
                                         Application Identity Policy
                                         Element for Use with RSVP

RSVP signaling messages typically include policy data objects, which in
turn contain policy elements. Policy elements may describe user and/or
application information, which may be used by RSVP aware network
elements to apply appropriate policy decisions to a traffic flow. This
memo details the usage of policy elements that provide application
information. [STANDARDS TRACK]

2871   Rosenberg   Jun 2000   A Framework for Telephony
                                         Routing over IP

This document serves as a framework for Telephony Routing over IP
(TRIP), which supports the discovery and exchange of IP telephony
gateway routing tables between providers. This memo provides
information for the Internet community.

2870   Bush   Jun 2000   Root Name Server Operational
                                        Requirements

The primary focus of this document is to provide guidelines for
operation of the root name servers. This document specifies an Internet
Best Current Practices for the Internet Community, and requests
discussion and suggestions for improvements.

2869   Rigney   Jun 2000   RADIUS Extensions

This document describes additional attributes for carrying
authentication, authorization and accounting information between a
Network Access Server (NAS) and a shared Accounting Server using the
Remote Authentication Dial In User Service (RADIUS) protocol described
in RFC 2865 and RFC 2866. This memo provides information for the
Internet community.

2868   Zorn   Jun 2000   RADIUS Attributes for Tunnel
                                        Protocol Support

This document defines a set of RADIUS (Remote Authentication Dial In
User Service) attributes designed to support the provision of compulsory
tunneling in dial-up networks. This memo provides information for the
Internet community.

2867   Zorn   Jun 2000   RADIUS Accounting
                                        Modifications for Tunnel
                                        Protocol Support

This document defines new RADIUS (Remote Authentication Dial In User
Service) accounting Attributes and new values for the existing Acct-
Status-Type Attribute designed to support the provision of compulsory
tunneling in dial-up networks. This memo provides information for the
Internet community.

2866   Rigney   Jun 2000   RADIUS Accounting

This document describes a protocol for carrying accounting information
between a Network Access Server and a shared Accounting Server. This
memo provides information for the Internet community.

2865   Rigney   Jun 2000   Remote Authentication Dial In
                                        User Service (RADIUS)

This document describes a protocol for carrying authentication,
authorization, and configuration information between a Network Access
Server which desires to authenticate its links and a shared
Authentication Server. [STANDARDS TRACK]

2864   McCloghrie   Jun 2000   The Inverted Stack Table
                                        Extension to the Interfaces
                                        Group MIB

This memo defines a portion of the Management Information Base (MIB) for
use with network management protocols in the Internet community. In
particular, it describes managed objects which provide an inverted
mapping of the interface stack table used for managing network
interfaces. [STANDARDS TRACK]

2863   McCloghrie   Jun 2000   The Interfaces Group MIB

This memo discusses the 'interfaces' group of MIB-II, especially the
experience gained from the definition of numerous media-specific MIB
modules for use in conjunction with the 'interfaces' group for managing
various sub-layers beneath the internetwork-layer. It specifies
clarifications to, and extensions of, the architectural issues within
the MIB-II model of the 'interfaces' group. [STANDARDS TRACK]

2862   Civanlar   Jun 2000   RTP Payload Format for
                                        Real-Time Pointers

This document describes an RTP payload format for transporting the
coordinates of a dynamic pointer that may be used during a presentation.
[STANDARDS TRACK]

2861   Handley   Jun 2000   TCP Congestion Window
                                        Validation

This document describes a simple modification to TCP's congestion
control algorithms to decay the congestion window cwnd after the
transition from a sufficiently-long application-limited period, while
using the slow-start threshold ssthresh to save information about the
previous value of the congestion window. This memo defines an
Experimental Protocol for the Internet community.

2860   Carpenter   Jun 2000   Memorandum of Understanding
                                        Concerning the Technical Work
                                        of the Internet Assigned
                                        Numbers Authority

This document places on record the text of the Memorandum of
Understanding concerning the technical work of the IANA that was signed
on March 1, 2000 between the IETF and ICANN, and ratified by the ICANN
Board on March 10, 2000. This memo provides information for the
Internet community.

2859   Fang   Jun 2000   A Time Sliding Window Three
                                        This memo defines a Time

This memo defines a Time Sliding Window Three Colour Marker (TSWTCM),
which can be used as a component in a Diff-Serv traffic conditioner.
This memo defines an Experimental Protocol for the Internet community.

2858   Bates   Jun 2000   Multiprotocol Extensions for
                                        BGP-4

This document defines extensions to BGP-4 to enable it to carry routing
information for multiple Network Layer protocols (e.g., IPv6, IPX,
etc...). [STANDARDS TRACK]

2857   Keromytis   Jun 2000   The Use of HMAC-RIPEMD-160-96
                                        within ESP and AH

This memo describes the use of the HMAC algorithm in conjunction with
the RIPEMD-160 algorithm as an authentication mechanism within the
revised IPSEC Encapsulating Security Payload (ESP) and the revised IPSEC
Authentication Header (AH). [STANDARDS TRACK]

2856   Bierman   Jun 2000   Textual Conventions for
                                        Additional High Capacity Data
                                        Types

This memo specifies new textual conventions for additional high capacity
data types, intended for SNMP implementations which already support the
Counter64 data type. [STANDARDS TRACK]

2855   Fujisawa   Jun 2000   DHCP for IEEE 1394

This memo describes specific usage of some fields of DHCP (Dynamic Host
Configuration Protocol) messages. IEEE Std 1394-1995 is a standard for
a High Performance Serial Bus. Since 1394 uses a different link-layer
addressing method than conventional IEEE802/Ethernet, the usage of some
fields must be clarified to achieve interoperability. [STANDARDS TRACK]

2854   Connolly   Jun 2000   The 'text/html' Media Type

This document summarizes the history of HTML development, and defines
the "text/html" MIME type by pointing to the relevant W3C
recommendations. This memo provides information for the Internet
community.

2853   Kabat   Jun 2000   Generic Security Service API
                                          Version 2 : Java Bindings

This document specifies the Java bindings for GSS-API (Generic Security
Service Application Program Interface) which is described at a language
independent conceptual level in RFC 2743. [STANDARDS TRACK]

2852   Newman   Jun 2000   Deliver By SMTP Service
                                          Extension

This memo defines a mechanism whereby a SMTP client can request, when
transmitting a message to a SMTP server, that the server deliver the
message within a prescribed period of time. [STANDARDS TRACK]

2851   Daniele   Jun 2000   Textual Conventions for
                                          Internet Network Addresses

This MIB module defines textual conventions to represent commonly used
Internet network layer addressing information. [STANDARDS TRACK]

2850   IAB   May 2000   Charter of the Internet
                                          Architecture Board (IAB)

This memo documents the composition, selection, roles, and organization
of the Internet Architecture Board. It replaces RFC 1601. This
document specifies an Internet Best Current Practices for the Internet
Community, and requests discussion and suggestions for improvements.

2849   Good   Jun 2000   The LDAP Data Interchange
                                        Format (LDIF) - Technical
                                        Specification

This document describes a file format suitable for describing directory
information or modifications made to directory information. [STANDARDS
TRACK]

2848   Petrack   Jun 2000   The PINT Service Protocol:
                                        Extensions to SIP and SDP for
                                        IP Access to Telephone Call
                                        Services

This document contains the specification of the PINT Service Protocol
1.0, which defines a protocol for invoking certain telephone services
from an IP network. [STANDARDS TRACK]

2847   Eisler   Jun 2000   LIPKEY - A Low Infrastructure
                                        Public Key Mechanism Using SPKM

This memorandum describes a method whereby one can use GSS-API (Generic
Security Service Application Program Interface) to supply a secure
channel between a client and server, authenticating the client with a
password, and a server with a public key certificate. [STANDARDS TRACK]

2846   Allocchio   Jun 2000   GSTN Address Element
                                        Extensions in E-mail Services

This memo defines a full syntax for a specific application in which
there is a need to represent GSTN (Global Switched Telephone Network)
addressing and Internet addressing. [STANDARDS TRACK]

2845   Vixie   May 2000   Secret Key Transaction
                                        Authentication for DNS (TSIG)

This protocol allows for transaction level authentication using shared
secrets and one way hashing. It can be used to authenticate dynamic
updates as coming from an approved client, or to authenticate responses
as coming from an approved recursive name server. [STANDARDS TRACK]

2844   Przygienda   May 2000   OSPF over ATM and Proxy-PAR

This memo specifies, for OSPF implementors and users, mechanisms
describing how the protocol operates in ATM networks over PVC (Permanent
Virtual Connections) and SVC (Switched Virtual Circuit) meshes with the
presence of Proxy-PAR (PNNI Augmented Routing). This memo defines an
Experimental Protocol for the Internet community.

2843   Droz   May 2000   Proxy-PAR

The intention of this document is to provide general information about
Proxy-PAR (PNNI Augmented Routing). [STANDARDS TRACK]

2842   Chandra   May 2000   Capabilities Advertisement
                                         with BGP-4

This document defines new Optional Parameter, called Capabilities, that
is expected to facilitate introduction of new capabilities in BGP by
providing graceful capability advertisement without requiring that BGP
peering be terminated. [STANDARDS TRACK]

2841   Metzger   Nov 2000   IP Authentication using Keyed
                                         SHA1 with Interleaved Padding
                                         (IP-MAC)

This document describes the use of keyed SHA1 (Secure Hash Algorithm)
with the IP Authentication Header. This memo defines a Historic
Document for the Internet community.

2840   Altman   May 2000   TELNET KERMIT OPTION

This document describes an extension to the Telnet protocol to allow the
negotiation, coordination, and use of the Kermit file transfer and
management protocol over an existing Telnet protocol connection. This
memo provides information for the Internet community.

2839   da Cruz   May 2000   Internet Kermit Service

This document describes a new file transfer service for the Internet
based on Telnet Protocol for option negotiation and Kermit Protocol for
file transfer and management. This memo provides information for the
Internet community.

2838   Zigmond   May 2000   Uniform Resource Identifiers
                                        for Television Broadcasts

This document describes a widely-implemented URI scheme, as World-Wide
Web browsers are starting to appear on a variety of consumer electronic
devices, such as television sets and television set-top boxes, which are
capable of receiving television programming from either terrestrial
broadcast, satellite broadcast, or cable. In this context there is a
need to reference television broadcasts using the URI format described
in RFC 2396. This memo provides information for the Internet community.

2837   Teow   May 2000   Definitions of Managed Objects
                                        for the Fabric Element in
                                        Fibre Channel Standard

This memo defines an extension to the Management Information Base (MIB)
for use with network management protocols in TCP/IP-based internets. In
particular, it defines the objects for managing the operations of the
Fabric Element portion of the Fibre Channel Standards. [STANDARDS
TRACK]

2836   Brim   May 2000   Per Hop Behavior
                                        Identification Codes

This document defines a binary encoding to uniquely identify PHBs (Per
Hop Behaviors) and/or sets of PHBs in protocol messages. [STANDARDS
TRACK]

2835   Pittet   May 2000   IP and ARP over HIPPI-6400
                                        (GSN)

This document further specifies a method for resolving IP addresses to
HIPPI-6400 (High-Performance Parallel Interface) hardware addresses
(HARP) and for emulating IP broadcast in a logical IP subnet (LIS) as a
direct extension of HARP. Furthermore, it is the goal of this memo to
define a IP and HARP that will allow interoperability for HIPPI-800 and
HIPPI-6400 equipment both broadcast and non-broadcast capable networks.
[STANDARDS TRACK]

2834   Pittet   May 2000   ARP and IP Broadcast over
                                           HIPPI-800

This document specifies a method for resolving IP addresses to ANSI
High-Performance Parallel Interface (HIPPI) hardware addresses and for
emulating IP broadcast in a logical IP subnet (LIS) as a direct
extension of HARP (hardware addresses). This memo defines a HARP that
will interoperate between HIPPI-800 and HIPPI-6400 (also known as
Gigabyte System Network, GSN). This document (when combined with RFC
2067 "IP over HIPPI") obsoletes RFC 1374. [STANDARDS TRACK]

2833   Schulzrinne   May 2000   RTP Payload for DTMF Digits,
                                           Telephony Tones and Telephony
                                           Signals

This memo describes how to carry dual-tone multifrequency (DTMF)
signaling, other tone signals and telephony events in RTP packets.
[STANDARDS TRACK]

2832   Hollenbeck   May 2000   NSI Registry Registrar
                                           Protocol (RRP) Version 1.1.0

This document describes a protocol for the registration and management
of second level domain names and associated name servers in both generic
Top Level Domains (gTLDs) and country code Top Level Domains (ccTLDs).
This memo provides information for the Internet community.

2831   Leach   May 2000   Using Digest Authentication as
                                           a SASL Mechanism

This specification defines how HTTP Digest Authentication can be used as
a SASL mechanism for any protocol that has a SASL (Simple Authentication
and Security Layer) profile. [STANDARDS TRACK]

2830   Hodges   May 2000   Lightweight Directory Access
                                           Protocol (v3): Extension for
                                           Transport Layer Security

This document defines the "Start Transport Layer Security (TLS)
Operation" for LDAP. [STANDARDS TRACK]

2829   Wahl   May 2000   Authentication Methods for
                                        LDAP

This document specifies particular combinations of security mechanisms
which are required and recommended in LDAP implementations. [STANDARDS
TRACK]

2828   Shirey   May 2000   Internet Security Glossary

This Glossary provides abbreviations, explanations, and recommendations
for use of information system security terminology. This memo provides
information for the Internet community.

2827   Ferguson   May 2000   Network Ingress Filtering:
                                        Defeating Denial of Service
                                        Attacks which employ IP Source
                                        Address Spoofing

This paper discusses a simple, effective, and straightforward method for
using ingress traffic filtering to prohibit DoS (Denial of Service)
attacks which use forged IP addresses to be propagated from 'behind' an
Internet Service Provider's (ISP) aggregation point. This document
specifies an Internet Best Current Practices for the Internet Community,
and requests discussion and suggestions for improvements.

2826   IAB   May 2000   IAB Technical Comment on the
                                        Unique DNS Root

This document discusses the existence of a globally unique public name
space in the Internet called the DNS (Domain Name System). This name
space is a hierarchical name space derived from a single, globally
unique root. It is a technical constraint inherent in the design of the
DNS. One root must be supported by a set of coordinated root servers
administered by a unique naming authority. It is not technically
feasible for there to be more than one root in the public DNS. This
memo provides information for the Internet community.

2825   IAB   May 2000   A Tangled Web: Issues of I18N,
                                        Domain Names, and the Other
                                        Internet protocols

This document is a statement by the Internet Architecture Board. It is
not a protocol specification, but an attempt to clarify the range of
architectural issues that the internationalization of domain names
faces. This memo provides information for the Internet community.

2824   Lennox   May 2000   Call Processing Language
                                        Framework and Requirements

This document describes an architectural framework we call a processing
language, as a simple and standardized way for implementing and
deploying Internet telephony. A large number of the services we wish to
make possible for Internet telephony require fairly elaborate
combinations of signalling operations, often in network devices, to
complete. It also outlines requirements for such a language. This memo
provides information for the Internet community.

2823   Carlson   May 2000   PPP over Simple Data Link
                                        (SDL) using SONET/SDH with
                                        ATM-like framing

This document extends methods found in the Point-to-Point Protocol (PPP)
and RFCs 1662 and 2615 to include a new encapsulation for PPP called
Simple Data Link (SDL). SDL provides a standard method for transporting
multi-protocol datagrams over point-to-point links, and RFCs 1662 and
2615 provide a means to carry PPP over Synchronous Optical Network
(SONET) and Synchronous Digital Hierarchy (SDH) circuits. SDL provides
a very low overhead alternative to HDLC-like encapsulation, and can also
be used on SONET/SDH links. This memo defines an Experimental Protocol
for the Internet community.

2822   Resnick   Apr 2001   Internet Message Format

This document specifies a syntax for text messages that are sent between
computer users, within the framework of "electronic mail" messages.
[STANDARDS TRACK]

2821   Klensin   Apr 2001   Simple Mail Transfer Protocol

This document is a self-contained specification of the basic protocol
for the Internet electronic mail transport. [STANDARDS TRACK]

2820   Stokes   May 2000   Access Control Requirements
                                       for LDAP

This document describes the fundamental requirements of an access
control list (ACL) model for the Lightweight Directory Application
Protocol (LDAP) directory service. This memo provides information for
the Internet community.

2819   Waldbusser   May 2000   Remote Network Monitoring
                                       Management Information Base

This memo defines a portion of the Management Information Base (MIB) for
use with network management protocols in TCP/IP-based internets. In
particular, it defines objects for managing remote network monitoring
devices. [STANDARDS TRACK]

2818   Rescorla   May 2000   HTTP Over TLS

This memo describes how to use Transport Layer Security (TLS) to secure
Hypertext Transfer Protocol (HTTP) connections over the Internet. This
memo provides information for the Internet community.

2817   Khare   May 2000   Upgrading to TLS Within
                                       HTTP/1.1

This memo explains how to use the Upgrade mechanism in HTTP/1.1 to
initiate Transport Layer Security (TLS) over an existing TCP connection.
[STANDARDS TRACK]

2816   Ghanwani   May 2000   A Framework for Integrated
                                       Services Over Shared and
                                       Switched IEEE 802 LAN
                                       Technologies

This memo describes a framework for supporting IETF Integrated Services
on shared and switched LAN infrastructure. This memo provides
information for the Internet community.

2815   Seaman   May 2000   Integrated Service Mappings on
                                        IEEE 802 Networks

This document describes mappings of IETF Integrated Services over LANs
built from IEEE 802 network segments which may be interconnected by IEEE
802.1D MAC Bridges (switches). [STANDARDS TRACK]

2814   Yavatkar   May 2000   SBM (Subnet Bandwidth
                                        Manager): A Protocol for
                                        RSVP-based Admission Control
                                        over IEEE 802-style networks

This document describes a signaling method and protocol for RSVP-based
admission control over IEEE 802-style LANs. [STANDARDS TRACK]

2813   Kalt   Apr 2000   Internet Relay Chat: Server
                                        Protocol

This document defines the protocol used by servers to talk to each
other. This memo provides information for the Internet community.

2812   Kalt   Apr 2000   Internet Relay Chat: Client
                                        Protocol

This document defines the Client Protocol, and assumes that the reader
is familiar with the IRC Architecture. This memo provides information
for the Internet community.

2811   Kalt   Apr 2000   Internet Relay Chat: Channel
                                        Management

This document specifies how channels, their characteristics and
properties are managed by IRC servers. This memo provides information
for the Internet community.

2810   Kalt   Apr 2000   Internet Relay Chat:
                                        Architecture

This document is an update describing the architecture of the current
IRC protocol and the role of its different components. Other documents
describe in detail the protocol used between the various components
defined here. This memo provides information for the Internet
community.

2809   Aboba   Apr 2000   Implementation of L2TP
                                         Compulsory Tunneling via
                                         RADIUS

This document discusses implementation issues arising in the
provisioning of compulsory tunneling in dial-up networks using the L2TP
(Layer Two Tunneling Protocol) protocol. This memo provides information
for the Internet community.

2808   Nystrom   Apr 2000   The SecurID(r) SASL Mechanism

This document defines a SASL (Simple Authentication and Security Layer)
authentication mechanism using SecurID (a hardware token card product
(or software emulation thereof) produced by RSA Security Inc., which is
used for end-user authentication), thereby providing a means for such
tokens to be used in SASL environments. This mechanism is only is only
for authentication, and has no effect on the protocol encoding and is
not designed to provide integrity or confidentiality services. This
memo provides information for the Internet community.

2807   Reagle   Jul 2000   XML Signature Requirements

This document lists the design principles, scope, and requirements for
the XML Digital Signature specification. It includes requirements as
they relate to the signature syntax, data model, format, cryptographic
processing, and external requirements and coordination. This memo
provides information for the Internet community.

2806   Vaha-Sipila   Apr 2000   URLs for Telephone Calls

This document specifies URL (Uniform Resource Locator) schemes "tel",
"fax" and "modem" for specifying the location of a terminal in the phone
network and the connection types (modes of operation) that can be used
to connect to that entity. [STANDARDS TRACK]

2805   Greene   Apr 2000   Media Gateway Control Protocol
                                        Architecture and Requirements

This document describes protocol requirements for the Media Gateway
Control Protocol between a Media Gateway Controller and a Media Gateway.
This memo provides information for the Internet community.

2804   IAB   May 2000   IETF Policy on Wiretapping

This document describes the position that the Internet Engineering Task
Force (IETF) has taken regarding the inclusion into IETF standards-track
documents of functionality designed to facilitate wiretapping. This
memo explains what the IETF thinks the question means, why its answer is
"no", and what that answer means. This memo provides information for
the Internet community.

2803   Maruyama   Apr 2000   Digest Values for DOM (DOMHASH)

This memo defines a clear and unambiguous definition of digest (hash)
values of the XML objects regardless of the surface string variation of
XML. This memo provides information for the Internet community.

2802   Davidson   Apr 2000   Digital Signatures for the
                                        v1.0 Internet Open Trading
                                        Protocol (IOTP)

This document describes the syntax and procedures for the computation
and verification of digital signatures for use within Version 1.0 of the
Internet Open Trading Protocol (IOTP). This memo provides information
for the Internet community.

2801   Burdett   Apr 2000   Internet Open Trading Protocol
                                        - IOTP Version 1.0

This document discusses the Internet Open Trading Protocol (IOTP) and
its provision of an interoperable framework for Internet commerce. This
memo provides information for the Internet community.

2800   Reynolds   May 2001   Internet Official Protocol
                                        Standards

This memo contains a snapshot of the state of standardization of
protocols used in the Internet as of April 17, 2001. It lists only
official protocol standards RFCs; it is not a complete index to the RFC
series. [STANDARDS TRACK]

Security Considerations

   This memo does not affect the technical security of the Internet, but
   may cite important security specifications.

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Acknowledgement