

Annex X

Service Names Registry

(normative)

X.1 Purpose and scope

This annex is provided to explain how PPDT implementers can register service names to provide public knowledge of services that are available and prevent different services from erroneously using the same name. IANA (Internet Assigned Numbers Authority) maintains a list of service names on the list titled "Protocol and Service Names" available both on their web-site at: <http://www.iana.org/> and on their FTP site at: <ftp://ftp.isi.edu/in-notes/iana/assignments/service-names>. Implementers should only register service names as needed; different names for the same service should be avoided. The registry provides a method to avoid service name collisions.

X.2 service-names list

The service-names list contains an alphabetical listing of each service name following the format as described in the service-names file:

A protocol or service may be up to 40 characters taken from the set of uppercase letters, digits, and the punctuation character hyphen. It must start with a letter, and end with a letter or digit.

Each service name is followed by a brief description of its use. Examples of protocols and services include:

Table 1—Examples of Service Names

Service Name	Service Description
BOOTP	Bootstrap Protocol
BOOTPC	Bootstrap Protocol Client
BOOTPS	Bootstrap Protocol Server
BR-SAT-MON	Backroom SATNET Monitoring
CFTP	CFTP
CHAOS	CHAOS Protocol
CHARGEN	Character Generator Protocol

X.3 Registry process

Implementers of PPDT are encouraged to follow the following process to register their service name with IANA.

1. Check the service-names file available at <http://www.iana.org/> and <ftp://ftp.isi.edu/in-notes/iana/assignments/service-names> to verify that the proposed service has not already been registered and that the proposed service name is not already in use.
2. Send e-mail using the template below to iana@iana.org requesting the new service-name. The IANA web-site may provide updates to the template. IANA will update the list as requests are approved.

Subject: Protocol and Service Names Registry Request

Please add the following service name and description to the Protocol and Service Names list.

Service-name: *<service-name> (40 characters maximum, letters/digits/hyphen only)*
Description: *<description> (brief description, 1 sentence with document reference recommended)*

Contact Name: *<Name> (person to be contacted in case of any problems)*
Contact Name e-mail: *<e-mail address>*
Contact Name Company: *<company name>*

Table 2 - PPDT Service name registry request template

Subject: Protocol and Service Names Registry Request

Please add the following service name and description to the Protocol and Service Names list.

Service-name: XYZ-INPUT
Description: Input data stream for an XYZ as specified in RFC-XXXX

Contact Name: John Doe
Contact Name e-mail: john@anycompany.com
Contact Name Company: AnyCompany, Inc.

Table 3 - PPDT Service name registry request example