

Neda By Name Service

Neda Document Number: 104-104-01

Last Updated: 1999/03/13 01:21:24

Doc. Revision: 1.3

Neda Communications, Inc.

September 2, 1998

Contents

- 1 By Name Service Background 5**
- 1.1 Basic Concept 5
- 1.2 Examples 6

Chapter 1

By Name Service Background

1.1 Basic Concept

Usually email addresses have the form of "someName@someDomain.com". This provides the user with one single mailbox. The problem is that when the person uses that mailbox for various purposes. For example to subscribe to various mailing lists, participate in usenet groups, for work, for family, for play. Over time he gets on all kinds of "spam" lists.

The common traditional way of dealing with this problem is to use inbox sorters and various filters to get rid of spam and to prioritize incoming messages based on the originator or the subject.

We think there is a better way of dealing with this.

The idea revolves around providing multiple mailboxes and addresses that the user can use depending on the nature of his/her use of email.

For example, you would use one address for personal use and a different one for work related activities.

The "by name service" make your name be part of the traditional domain part and provide various "selectors" such

- fax@John.Doe.u.byname.com
- personal@John.Doe.u.byname.com

By having multiple ways to represent yourself, you have the control over incoming messages without having to use the mail sorter or any other filters.

The "by name service" is also related to the "by number service". For more information on the "By Numbaer Service", please visit [Neda Numbering Plan](#) web site.

Here are the list of possible addresses that you can have:

```
lists
fax
personal
vendors
public          @John.Doe.u.byname.com
work
pager
etwp
emergency
```

The "u" represent the Duplicate Resolver. This resolver is to distinguish between two or more John Doe.

1.2 Examples

Let's take the case of "John Doe the Road Warrior" who spent most of his time outside the office. He relies a lot on his pager, his fax machine, and does a lot of email for work and personal use. On an average day, Mr. Doe receives about 70 emails or more. Let's see how the "By Name Service" can help him to solve the problems.

- When he participate in the newsgroup or usenet groups, he uses the "public@John.Doe.u.byname.com" address. Most of the "spam" will also be directed to this email address.
- For work, he gaves his colleagues his "work@John.Doe.u.byname.com". That way, he knows that the incoming emails that he gets are work-related email which might be important for him.
- For personal use, John Doe uses the "personal@John.Doe.u.byname.com" address. His family, relatives, or anybody that are important are given this email address.
- The "emergency@John.Doe.u.byname.com" is used for emergency or urgent situation only. Obviously, this email is very imprtantant to him.

- For business transaction, he may use the “vendors@John.Doe.u.byname.com”. For example, if he bought some equipment from a company, he will give the vendor this email address for any problems or questions.
- For the Neda Enhanced Two-Way Paging (ETWP), he uses “etwp@John.Doe.u.byname.com”
- For fax purposes, he can use “fax@John.Doe.u.byname.com”
- To page him, someone can use the “pager@John.Doe.u.byname.com” address.

Clearly, John Doe can eliminate the headache of sorting the emails by using the “By Name Service”