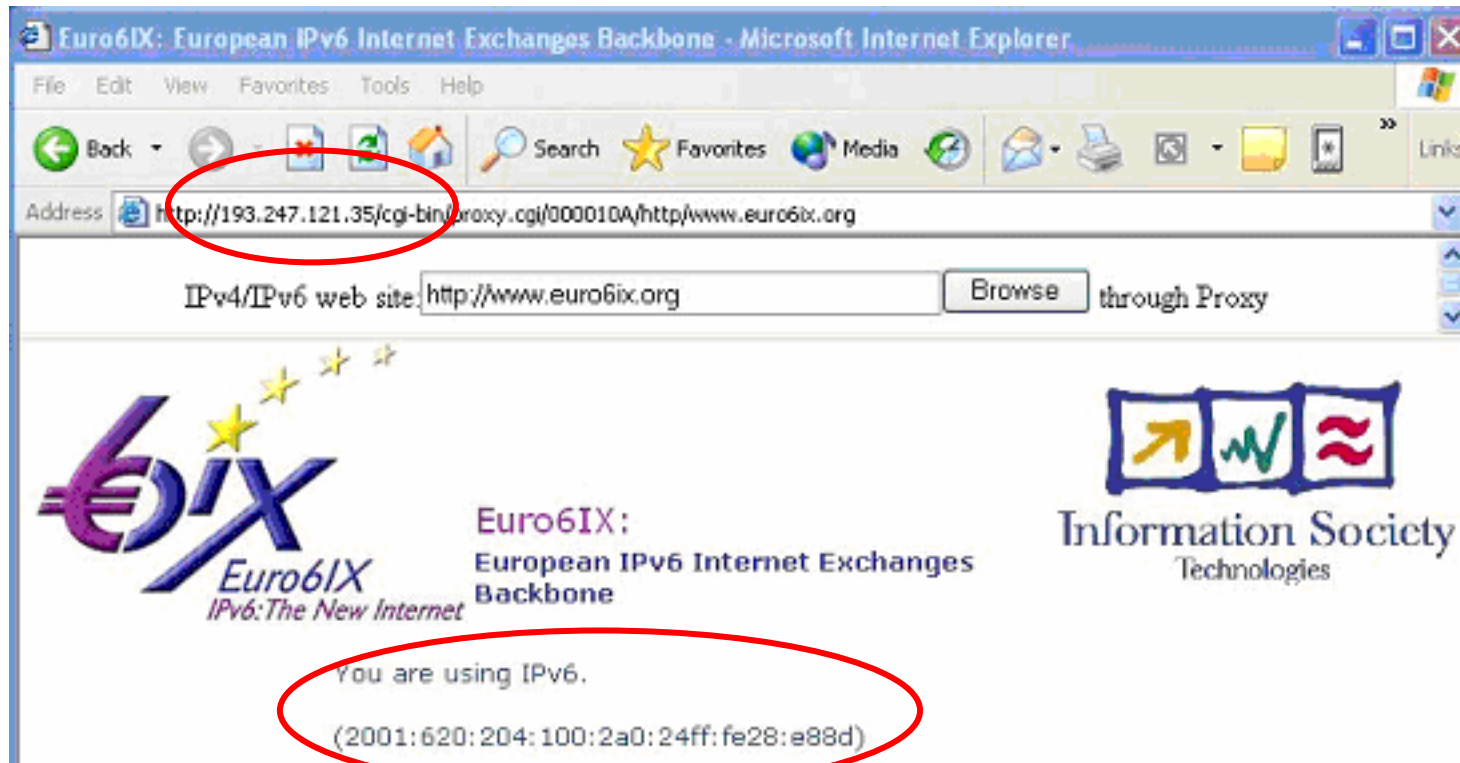# An IPv4/IPv6 Web Proxy

- A web proxy can act as an interface between client and server.
- It can accept requests from IPv4 users, retrieve data from IPv6 web sites and send it back to the user.

A Transition Mechanism

- A Proxy Server is a software entity which does something for you. It supports many protocols and can be used for different purposes. It can represent an important tool also for private networks like Intranets, or behind firewall systems.

- People using a proxy server feel as if they are getting responses directly from remote servers.

- In order to browse an IPv6 web site the user only needs to type the URL in the field in the proxy, as show on the previous slide.

- Such an application can smoothen the transition from IPv4 to IPv6 by providing users with easy access to IPv6 only websites.

- The proxy can easily be extended to provide other services beside HTML.