

July 8, 2010

JPIX Announces the Trial Service to Provide IPv6v4 Exchange Service to be started — Supporting the IPv4 services over IPv6 Network —

Japan Internet Exchange Co., Ltd.
Sable Networks Corporation

Japan Internet Exchange Co., Ltd. (“JPIX” with HQ at Chiyoda-ku, Tokyo, President and CEO: Yoshiaki Ishida) has announced to start the trial service of “IPv6v4 Exchange Service”.

This “IPv6v4 Exchange Service” aims to offer JPIX customers a smooth transition from IPv4 to IPv6 over the co-existence period. With this service, the JPIX customers become able to provide services to their end-users with IPv6 clients to reach IPv4 content servers over IPv6 network.

It is expected that IPv4 global addresses will run out in around 2011. However, even after the new supply of IPv4 address stops, there are numbers of IPv4 clients at the end-users side. At the same time, IPv4 content servers would remain in use for years. Nevertheless, it becomes inevitable to migrate to the IPv6 network, which means, there should be some kind of services to provide “reachability” to IPv4 content servers over IPv6 network.

In consideration of such transitional period, JPIX has been preparing its “IPv6v4 Exchange Service”. As the first step, the trial service of “IPv6v4 Exchange Service” is ready to provide the connection from IPv4 end-user client to reach to IPv4 content servers over IPv6 network, with the newly developed home gateway equipment and IPv6IPv4 translator. ISPs can utilize this JPIX’s outsourcing services over the transitional period from IPv4 network to IPv6 network.

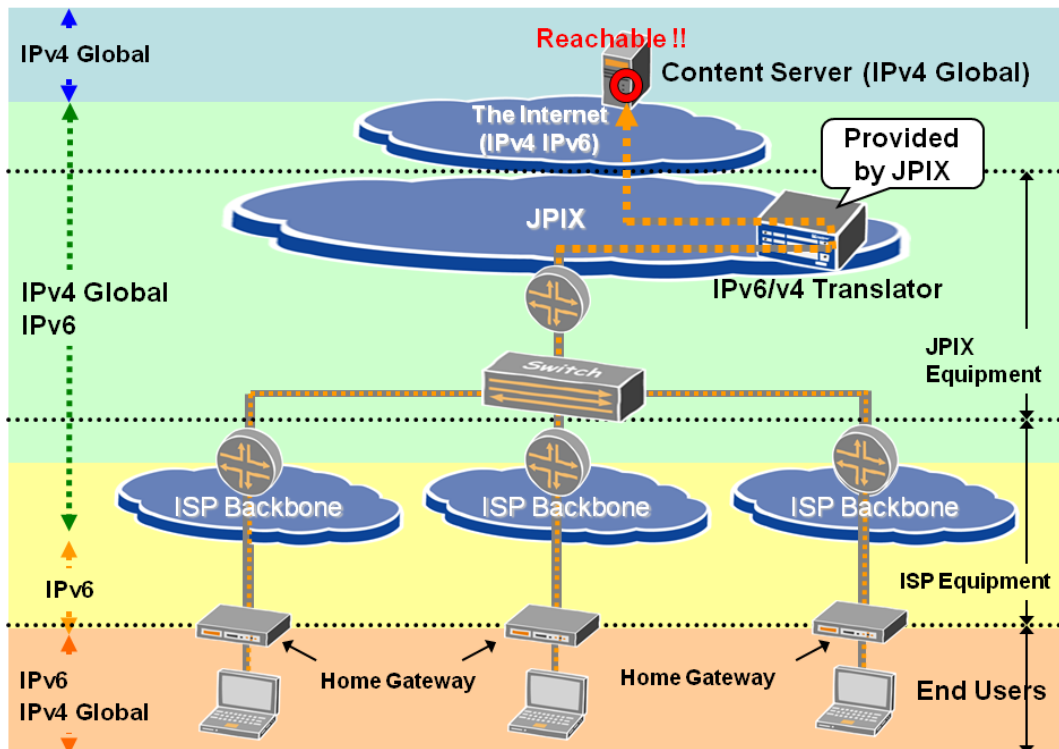
The IPv6IPv4 translator to be deployed at this trial service has been developed by Sable Networks Corporation (“SNC” with HQ at Minato-ku, Tokyo, President and CEO: Susumu Watanabe)

[Summary of IPv6v4 Exchange Service]

- * Trial service: Starts in July, 2010
- * Sites to be covered: JPIX Sites in Tokyo Metropolitan Area
(All sites except for JPIX Nagoya and JPIX Osaka)
- * Features: With this service, IPv4 address will be translated to IPv6 address by Home Gateway at end-user’s site, and such IPv6 address will be translated to IPv4 address by IPv6IPv4 translator at JPIX’s facilities, which means to provide “reachability” of IPv4 addresses over IPv6 network.
- * Service targeted at ISPs
 - ISPs to provide services over IPv6 access network
- * Service Features
 - Since this service is provided by JPIX as outsourced operations, JPIX’s customers such as ISPs can reduce the burden of backbone equipment of IPv6-IPv4 address translators and carrier grade NATs, and related operations.
 - ISPs can avoid such overhead as network migration procedures and a period during which different types of global address schemes coexist since they use either the double-sided configuration consisting of IPv4 and IPv6 global addresses or the single-sided configuration of IPv6 global addresses only for the networks they establish and operate for their end users.

- ISPs can take measures well in advance of 2011-2012 when IPv4 global addresses are expected to run out.

* Concept Diagram



Other details of the service will be determined through the trial service and released from time to time at <http://www.jpix.ad.jp/>.

JPIX will continue with its enterprising efforts for the active deployment of IPv6 due to the shortage of IPv4 global addresses.

About Sable Networks Corporation (SNC)

SNC was established in 2008, to support development, manufacturing, sales and customer support activities of Sable Networks, Inc. (Santa Clara, California, U.S.A.). It is 100% subsidiary of Network Value Components, Ltd. (Yokosuka, Kanagawa-ken, Japan).

For the details of SNC, please visit <http://www.sable.co.jp/> (in Japanese)

Contact Information

Japan Internet Exchange Co., Ltd. <http://www.jpix.ad.jp/>

Sales Department: sales@jpix.ad.jp Telephone: +81-3-3243-8626
(except for Saturdays, Sundays, and national holidays)

Sable Networks Corporation

Katsuko Tokutomi, Marketing <http://www.sable.co.jp/>
E-mail: press@sable.co.jp Telephone: +81-3-5783-1680
(except for Saturdays, Sundays, and national holidays)