

Configure IPv6 Tunnel on WAP551 and WAP561 Access Points

Objective

The WAP551 and WAP561 devices support the Intra-Site Automatic Tunnel Addressing Protocol (ISATAP). ISATAP encapsulates IPv6 packets within IPv4 packets. This enables the WAP to be capable with IPv6 Tunneling. With IPv6 tunneling capabilities, the WAP device can communicate with remote IPv6-capable hosts even when the LAN that connects them does not support IPv6.

The objective of this document is to show you how to configure IPv6 Tunneling on the WAP561 and WAP551.

Applicable Devices

- WAP551
- WAP561

Software Version

- 1.0.4.2

Configuration of IPv6 Tunnel

Step 1. Log in to the Access Point Configuration Utility and choose **LAN > IPv6 Tunnel**. The *IPv6 Tunnel* page opens:

IPv6 Tunnel

ISATAP Status: Enable

ISATAP Capable Host: (xxx.xxx.xxx.xxx / Hostname max 253 characters, Default: isatap)

ISATAP Query Interval: sec. (Range: 120-3600, Default: 120)

ISATAP Solicitation Interval: sec. (Range: 120-3600, Default: 120)

ISATAP IPv6 Link Local Address:

ISATAP IPv6 Global Address:

Save

Step 2. Check **Enable** in the *ISATAP Status* field to enable ISATAP.

Step 3. Enter the IP address or DNS name of the ISATAP router in the *ISATAP Capable Host* field. The default name is isatap.

Step 4. The WAP resolves the ISATAP host name into an IP address through DNS query. In

the *ISATAP Query Interval* field, enter the desired interval at which the WAP device should send these queries to the DNS server.

Step 5. The router gets periodic information on Global IPv6 address prefixes from an ISATAP router through solicitation messages and replies. In the *ISATAP Solicitation Interval* field, enter the desired interval at which the WAP should send these solicitation messages to the ISATAP router(s).

Step 6. Click **Save** to update settings.