

Time Setup

Introduction

The router has two different ways to set up time base: one is using computer time base via HTTP protocol, another is using NTP (Network Time Protocol) client to get time base from the time server. If you want to use any time-based function (ex. Call Schedule), the system time function should be worked properly in advance.

Configuration

- Set Time Base Using Web Browser

1. Before setting time base using web browser, you have to make sure if the computer time is exact or not. Login **Web Configurator** -> click **Time Setup**.

The screenshot displays the 'Time Setup' configuration page. At the top, there is a breadcrumb trail '> System Management > Time Setup' and a '<< Main Menu' link. Below this, the 'Time Information' section shows the 'Current System Time' as '2000 Jan 1 Sat 0 : 0 : 3' with an 'Inquire Time' button. The 'Time Setup' section contains two radio buttons: 'Use Browser Time' (selected) and 'Use Internet Time Client'. Under 'Use Internet Time Client', there are fields for 'Time Protocol' (set to 'NTP (RFC-1305)'), 'Server IP Address' (128.86.8.123), 'Time Zone' ((GMT+08:00) Taipei), and 'Automatically Update Interval' (30 sec). 'Cancel' and 'OK' buttons are at the bottom. A footer contains the text 'Copyright (c) 2002, DrayTek Corp. All Rights Reserved.'

2. Select **Use Browser Time** and click **OK** button. Click **Time Setup** again and push **Inquire Time** to set time base to the router.

> System Management > Time Setup << Main Menu

Time Information << Back

Current System Time

Time Setup

Use Browser Time
 Use Internet Time Client

Time Protocol

Server IP Address

Time Zone

Automatically Update Interval

Copyright (c) 2002, DrayTek Corp. All Rights Reserved.

3. The **Current System Time** block will display exact time information as your computer.

- Set Time Base Using Time Client

1. Before setting up the time base using time client, you have to make sure if the time server is working properly. If the time server is located at the Internet, you should also make sure the router has Internet access capability. Login **Web Configurator** -> click **Time Setup**.

2. Click **Use Internet Time Client**, Choose **Time Protocol** as **NTP**, give an IP address of time server in the **Server IP Address**, and then choose an exact time zone in the **Time Zone** and select an updated time interval in **Automatically Update Interval**. The following is an given example.

> System Management > Time Setup << Main Menu

Time Information << Back

Current System Time

Time Setup

Use Browser Time
 Use Internet Time Client

Time Protocol

Server IP Address

Time Zone

Automatically Update Interval

Copyright (c) 2002, DrayTek Corp. All Rights Reserved.

3. Click **OK** button, wait for few seconds, and the time client will get time base from the specified time server. Click **Time Setup** again to check **Current System Time** information as below.

The screenshot displays a web-based configuration interface for time management. At the top, the breadcrumb navigation shows '> System Management > Time Setup' and a '<< Main Menu' link. Below this, the 'Time Information' section features a 'Current System Time' field displaying '2002 May 19 Sun 16 : 38 : 12' and an 'Inquire Time' button. A '<< Back' link is also present. The 'Time Setup' section contains two radio buttons: 'Use Browser Time' (unselected) and 'Use Internet Time Client' (selected). Under 'Use Internet Time Client', there are four input fields: 'Time Protocol' (a dropdown menu set to 'NTP (RFC-1305)'), 'Server IP Address' (four individual input boxes containing '128', '86', '8', and '123'), 'Time Zone' (a dropdown menu set to '(GMT+08:00) Taipei'), and 'Automatically Update Interval' (a dropdown menu set to '30 sec'). At the bottom of the configuration area are 'Cancel' and 'OK' buttons. A footer bar at the very bottom contains the text 'Copyright (c) 2002, DrayTek Corp. All Rights Reserved.'