Configuration Guide

How to Configure the DSR Series
for WAN failover

Overview

This guide describes how to configure the D-Link DSR Series Services Router for WAN failover over the PPPoE and 3G connections. All screenshots in this document are captured from firmware version 3.11 of DSR-250N.

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1. INTRODUCTION

1.1. Purpose

The D-Link DSR Series uses WAN failover technology to make sure an enterprise stays connected to the Internet. It provides a redundant connection so network traffic can still connect through the Internet over the 3G interface if the PPPoE connection goes down.

1.2. Scope

This document describes the WAN failover configuration steps for network administrators.

1.3. Hardware Requirements

DSR-certified 3G dongles including D-Link DWM-152 A1/A2/A3, DWM-156 A1/A2/A3/A4/A5/A6/A7/A8, DWM-157 C1 and DWM-158 E1, DWM-221 & 222, Huawei E1550, E173 and EC306.
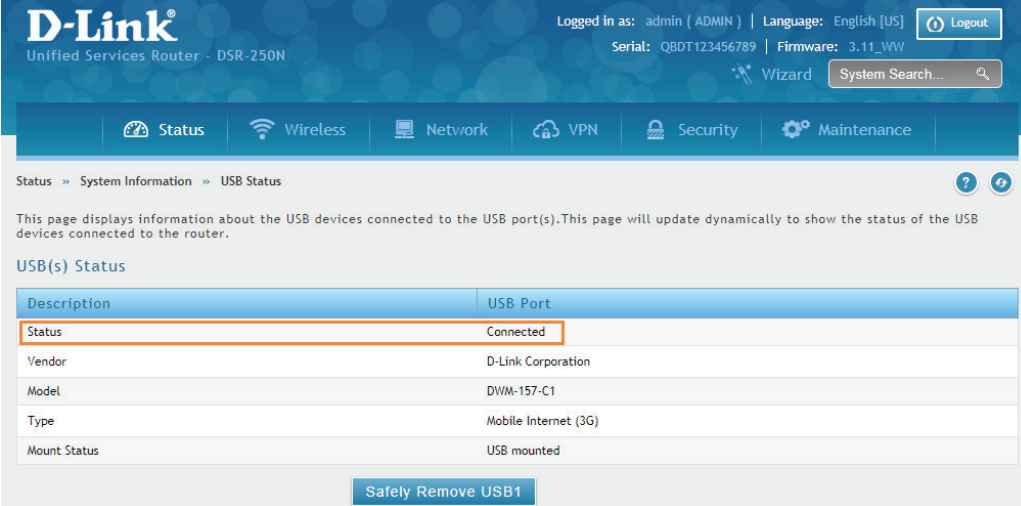
1.4. Software Requirements

A web browser such as Internet Explorer, Firefox or Google Chrome.
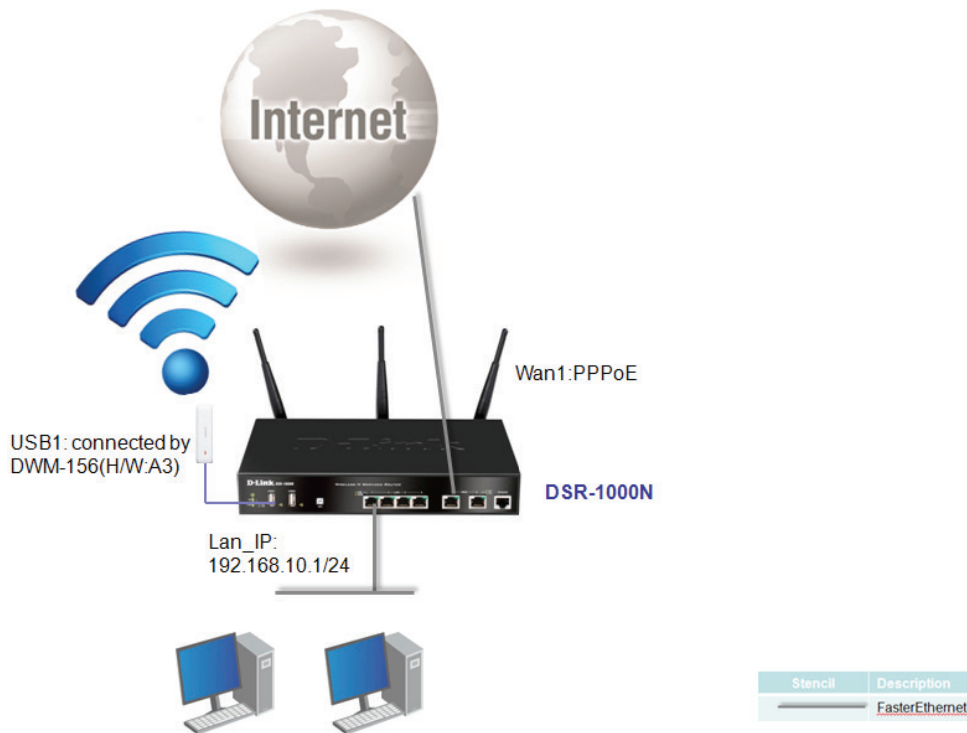
WAN FAILOVER CONFIGURATION

Step 1. Insert the certified 3G dongle into the USB port.

Step 2. Go to Status>>System Information>>USB Status, and check to make sure the 3G dongle is connected to DSR.

Step 3. Go to Network>>Internet>>WAN Settings, and enter all information provided by the ISP (e.g. username and password) for connecting to the Internet. In this example, PPPoE is selected for connecting to the Internet.

ISP Connection Type: Choose PPPoE (enter the Username/Password).

Username: Enter the username provided by your ISP.

Password: Enter the password provided by your ISP.

Step 4. Go to Network>>Internet>>Rollover WAN Settings, and configure all ISP provided information for 3G connections.

Step 5. Go to Setup>>Internet Settings>>WAN mode:

Select Auto-Rollover Using WAN Port from the drop-down menu, and click Save.

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