Impact of Daylight Savings Time on Optical Products in Australia

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Introduction

The Commonwealth Games are coming to Melbourne in 2006. The time for daylight savings in many states in Australia has been altered. This document describes the impact of the change in daylight savings time on Optical products, and provides a workaround.

In Australia, the end of the daylight savings time has been moved from the last week of March to the first week of April. The implication of this change is that instead of ending on Sunday, the 26th of March, 2006 at 3:00AM, the daylight savings time will end on Sunday, the 2nd of April, 2006 at 3:00AM. This change applies only for the year 2006. The change in daylight savings time affects these states in Australia:

- Victoria
- Tasmania
- South Australia
- New South Wales

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on these software and hardware versions:

- ONS 15454W
- ONS 15454
- ONS 15327
- ONS 15310
- ONS 15600
- ONS 153xx

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure

that you understand the potential impact of any command.

Conventions

Refer to Cisco Technical Tips Conventions for more information on document conventions.

Background Information

All versions of the Cisco Transport Controller (CTC) provide you with the ability to enable or disable Daylight Savings Time, and also to change the time on your nodes.

In a situation where the dates are different from the defaults, as is the case in Australia to accommodate the Common Wealth games, you must assume manual control over the time settings, and make changes during the period when the default behavior no long applies.

Problem

During the period between 26th March and 2nd April 2006, the system will automatically follow the rules set for the previous daylight savings time. In other words, the system will automatically modify the clock and reflect incorrect time, because, on 26th March 2006, the system will automatically presume that the daylight savings time has taken effect.

During this period, you need to assume manual control over the system time and force the system clock to reflect the correct time at the start and end of the period. Note that this problem does not apply if you use an NTP or SNTP system that is updated to reflect the 2006 daylight savings time rules.

Solution

Use this solution to solve the problem.

Use the capability to modify the system time, and reset the system clock.

1. Manually disable the daylight savings time on 26th March, 2006.
2. Reset the system clock to reflect the correct time.
3. Enable the daylight savings time once again on 2nd April 2006, and ensure that the time is correct.

Note: For more information on time zone configuration and how to reset the time, refer to the relevant procedure guide for the Cisco ONS release that you use. For example, if you use Cisco ONS 15454, refer to Cisco ONS 15454 Procedure Guide, Release 7.0.

Related Information

- **Technical Support & Documentation − Cisco Systems**

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