

How to update IBM i for the new Daylight Savings Time (DST) rules

Issue

In 2007, Daylight Savings Time was expanded to a wider range of dates in the US. PHP scripts may display the wrong time if the new timezone descriptions have not been loaded on the IBM i. This article explains how to find the IBM instructions to update IBM i for the current DST start and end dates.

Environment

IBM i, any currently supported version.

Resolution

Please update your system with the new DST timezone descriptions.

You can also update your system immediately. On the above listed page, click the link labeled "Daylight Saving Time Manual Instructions".

On the page that comes up, find "Operating System Daylight Saving Time Manual Instructions" and expand the topic by clicking the blue arrow. Then, find your time zone on the list, and expand that topic. Follow the instructions for your time zone.

For newer versions of IBM i, you just need to make sure you have the correct value specified for the QTIMZON system value. This table, from the article linked to above, tells the correct values.

Time zone description	New 2007 rules QTIMZON value	Prior QTIMZON value
Atlantic Time	QN0400AST2	QN0400AST
Eastern Time	QN0500EST3	QN0500EST
Central Time	QN0600CST2	QN0600CST
Mountain Time	QN0700MST3	QN0700MST
Pacific Time	QN0800PST2	QN0800PST
Alaska Time	QN0900AST2	QN0900AST
Hawaii-Aleutian Time	QN1000HAS2	QN1000HAST