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ControlNet: Error 16#0304

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Summary

ControlNet: Error 16#0304

Problem

- When scheduling the ControlNet network, selected the **Merge** option. Produce/Consume between two Logix5000 processors fails over ControlNet. The I/O tree in RSLogix 5000 software shows a yellow triangle on the remote controller. The error for the module shows: **16#0304 Not Configured to Send Scheduled Data**

Environment

- ControlNet network
- Each Logix5000 processor produces and consumes data.

Cause

The **Merge** option is meant to schedule with low impact on a running system. A system with two controllers that both require scheduling is not an appropriate system for the **Merge** option because, without exception, both controllers must be placed in **Program** mode.

Solution

Do one of the following:

- Reschedule the network in RSNetWorx for ControlNet software. When prompted, select **Optimize and Rewrite** instead of **Merge**.
- Consider redesigning the application so that all produced tags are in one controller and all consumed tags are in the other controller. This avoids the necessity of using

Optimize and Rewrite when scheduling the ControlNet network.

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