Contribution towards P802.1ASdm/D0.3 Comment resolution

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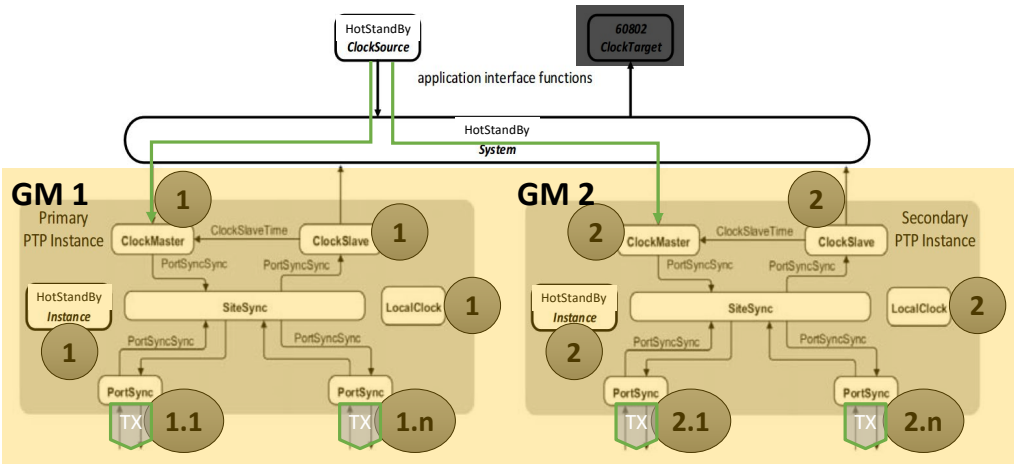
The following text should be amended to form a new chapter 17.4.3.

Dual-Domain, Single-Source GrandMaster

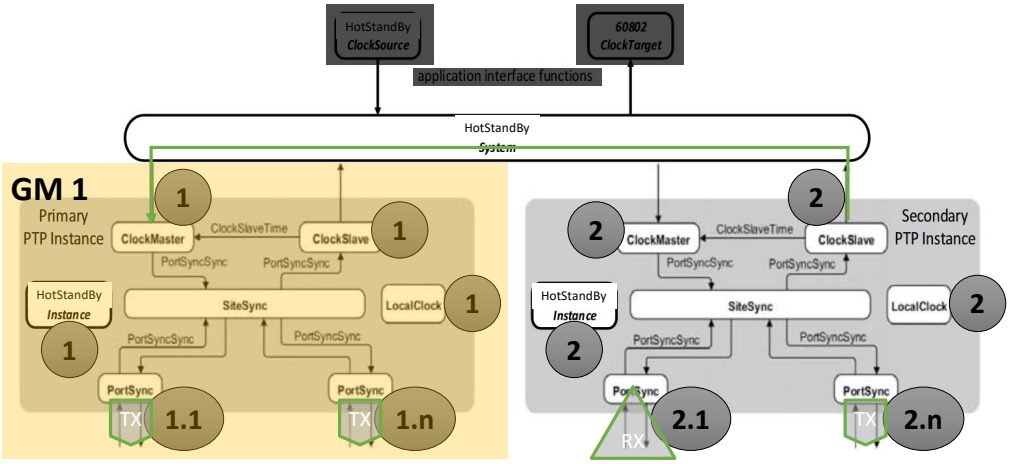
When both the primary and secondary PTP Instance are grandmaster (i.e., no external port in SlavePort state), the HotStandbySystem shall transfer phase and frequency from the HotStandbyClockSource to both the ClockMaster of the primary and secondary PTP Instances. The phase and frequency are transferred using the ClockSourceTime interface, but with the modification that the ClockSourceTime.invoke function is received by the HotStandbySystem entity from the HotStandbyClockSource entity and sent to the ClockMaster entity of both PTP Instances.



No ClockTarget Application is present in this device.

Single-Domain, Network-Source GrandMaster Bridge

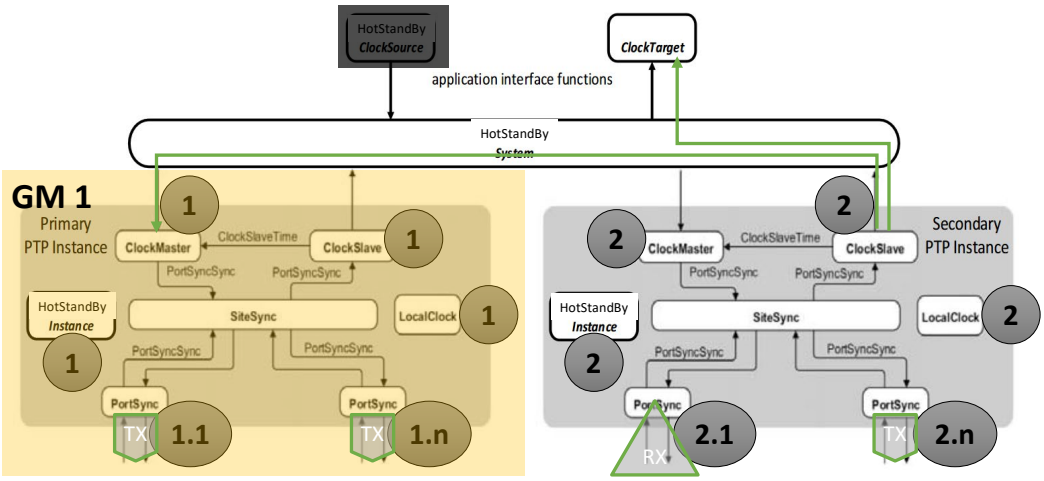
When any single one PTP Instance is grandmaster (i.e., no external port in SlavePort state), the HotStandbySystem shall transfer phase and frequency from the ClockSlave of the other PTP Instance to the ClockMaster of the PTP Instance acting as GrandMaster.



No ClockSource or ClockTarget Application is present in this device.

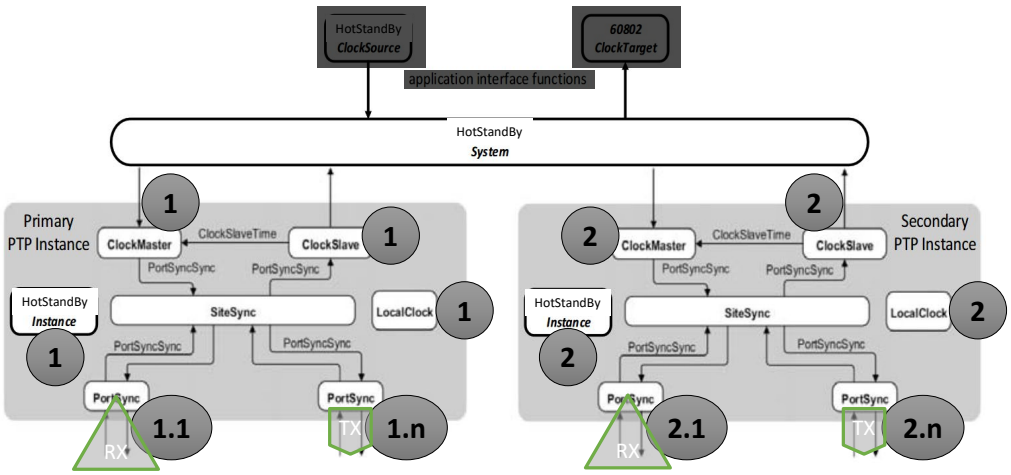
Combined Single-Domain, Network-Source GrandMaster Bridge + Target (Slave)

When any single one PTP Instance is grandmaster (i.e., no external port in SlavePort state) and an application layer ClockTarget is present, the HotStandbySystem shall transfer phase and frequency from the ClockSlave of the other PTP Instance to the ClockMaster of the PTP Instance acting as GrandMaster as well as to the ClockTarget.



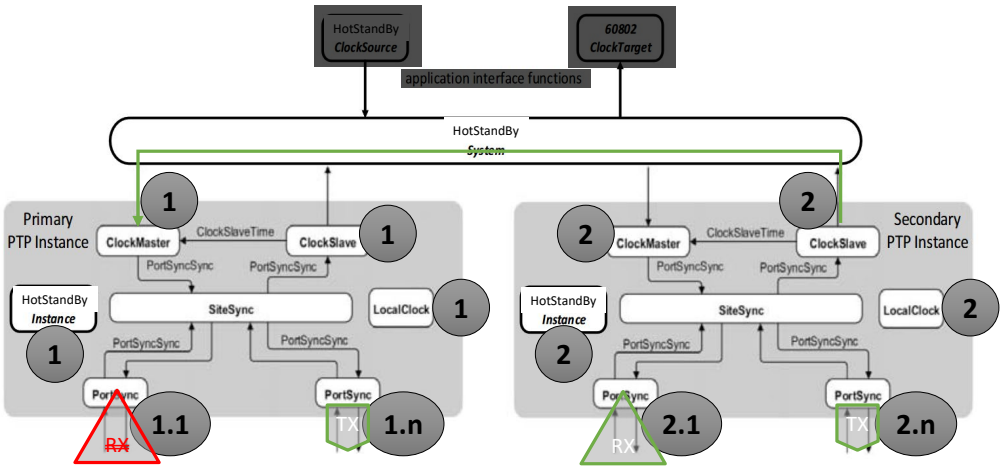
No ClockSource Application is present in this device.

Dual-Domain, Network -Source Bridge



No ClockSource or ClockTarget Application is present in this device.

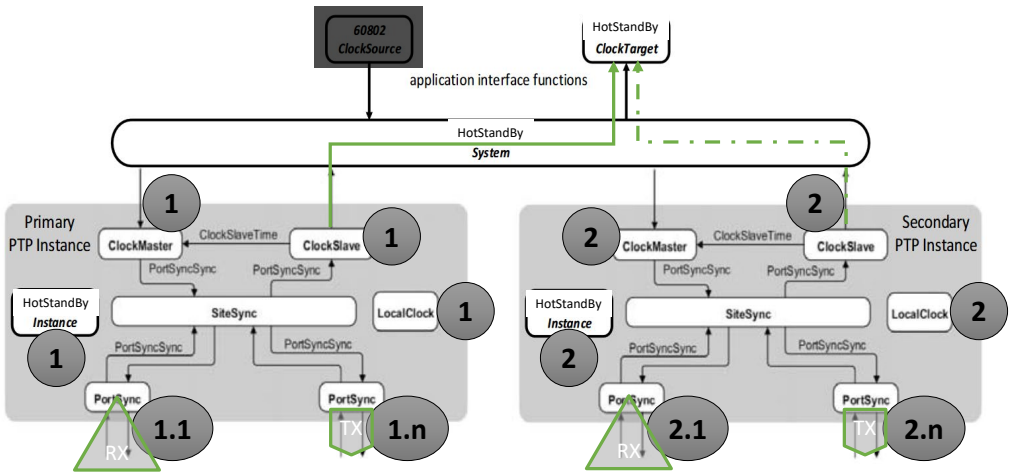
When no PTP Instance is grandmaster (i.e., both have external ports in SlavePort state), the HotStandbySystem shall be prepared to transfer phase and frequency from the ClockSlave of the other PTP Instance still synchronized to the ClockMaster of the PTP Instance that has lost it's synchronisation.



Combined Dual-Domain, Network-Source Bridge + Target (Slave)

When no PTP Instance is grandmaster (i.e., both have external ports in SlavePort state), the HotStandbySystem shall transfer phase and frequency from the ClockSlave of at least one PTP Instance to the (HotStandby-)ClockTarget

Better would be if the HotStandbySystem could be configured transfer phase and frequency from both PTP Instances to the HotStandby-ClockTarget for comparison.



No ClockSource Application is present in this device.

When no PTP Instance is grandmaster (i.e., both have external ports in SlavePort state), the HotStandbySystem shall be prepared to transfer phase and frequency from the ClockSlave of the PTP Instance still synchronized to the ClockMaster of the PTP Instance that has lost it's synchronisation as well as to the ClockTarget.