

802.1ASdr Editor's Report

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IEEE 802.1 Maintenance

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Introduction

- The Scope of 802.1SDdr as stated in the PAR is as follows
 - 5.2.b Scope of the project:** This amendment changes the non-inclusive, insensitive, and deprecated terminology including those identified by IEEE P1588g and IEEE editorial staff, replacing them with their suitable terminology wherever possible.
- The PAR states the dependence on IEEE P1588g
 - 5.3 Is the completion of this standard contingent upon the completion of another standard?** Yes
 - Explanation:** The amendment depends upon the alternative terminology selected by IEEE P1588g. The Project Authorization Request (PAR) is submitted prior to the completion of IEEE P1588g to expedite changes and industry alignment on inclusive terminology.

Non-inclusive terms in IEEE 802.1AS

Master is used 1169 times in the document

- Master
- Grandmaster
- ClockMasterSyncSend
- ClockMasterSyncReceive
- ClockMasterSyncOffset
- ClockMasterReceive
- ClockMaster
- MasterPort
- MasterTime
- clockMasterLogSyncInterval
- updateMasterTime
- masterPriorityVector
- RepeatedMasterInfo
- SUPERIOR_MASTER_PORT
- masterPriority
- masterStepsRemoved
- SuperiorMasterInfo
- InferiorMasterInfo
- INFERIOR_MASTER_OR_OTHER_PORT_UPDATE
- grandmasterIdentity
- grandmasterClockQuality
- grandmasterPriority1
- grandmasterPriority2
- alternateMasterFlag
- rcvdMDSyncDot11MasterA
- initReqParamsDot11MasterB
- ftmReqGrantedMaster
- offsetFromMaster
- AcceptableMaster
- AcceptableMasterTable
- AcceptableMasterTableDS
- AcceptableMasterTableEnabled
- AcceptableMasterPort
- AcceptableMasterPortDS
- AcceptableMasterArray
- ftmReqGrantedMaster

Non-inclusive terms in IEEE 802.1AS

Slave is used 338 times in the document

- Slave
- ClockSlaveSync
- ClockSlaveTime
- ClockSlave
- SlaveTimeCallback
- SlaveTimeCallbackPhase
- SlavePort
- rcvdClockSlaveTime
- updateSlaveTime
- dot11SlaveMac
- slaveMacOfLastRequest
- initReqParamsDot11Slave
- ftmReqGrantedSlave
- setMDSyncParamsDot11Slave
- setMDSyncRecieveDottSlave
- slaveOnlyClock

P1588g update

- Second round of straw polls concluded on 2021-05-03
- Leader-Follower was selected as an alternative nomenclature for Master-Slave in the straw poll run-off, and it will be used as a basis for the draft amendment.

Non-inclusive terms in IEEE 802.1AS

If we replace Master with Leader ...

Old Nomenclature	New Nomenclature	Old Nomenclature	New Nomenclature	Old Nomenclature	New Nomenclature
Master	Leader	rcvdMDSyncDot11MasterA	rcvdMDSyncDot11LeaderA	rcvdMDSyncDot11MasterA	rcvdMDSyncDot11LeaderA
Grandmaster	GrandLeader	initReqParamsDot11MasterB	initReqParamsDot11LeaderB	initReqParamsDot11MasterB	initReqParamsDot11LeaderB
ClockMasterSyncSend	ClockLeaderSyncSend	ftmReqGrantedMaster	ftmReqGrantedLeader	ftmReqGrantedMaster	ftmReqGrantedLeader
ClockMasterSyncReceive	ClockLeaderSyncReceive	offsetFromMaster	offsetFromLeader	offsetFromMaster	offsetFromLeader
ClockMasterSyncOffset	ClockLeaderSyncOffset	AcceptableMaster	AcceptableLeader	AcceptableMaster	AcceptableLeader
ClockMasterReceive	ClockLeaderReceive	AcceptableMasterTable	AcceptableLeaderTable	AcceptableMasterTable	AcceptableLeaderTable
ClockMaster	ClockLeader	AcceptableMasterTableDS	AcceptableLeaderTableDS	AcceptableMasterTableDS	AcceptableLeaderTableDS
MasterPort	LeaderPort	AcceptableMasterTableEnabled	AcceptableLeaderTableEnabled	AcceptableMasterTableEnabled	AcceptableLeaderTableEnabled
MasterTime	LeaderTime	AcceptableMasterPort	AcceptableLeaderPort	AcceptableMasterPort	AcceptableLeaderPort
clockMasterLogSyncInterval	clockLeaderLogSyncInterval	AcceptableMasterPortDS	AcceptableLeaderPortDS	AcceptableMasterPortDS	AcceptableLeaderPortDS
updateMasterTime	updateLeaderTime	AcceptableMasterArray	AcceptableLeaderArray	AcceptableMasterArray	AcceptableLeaderArray
masterPriorityVector	LeaderPriorityVector	ftmReqGrantedMaster	ftmReqGrantedLeader	ftmReqGrantedMaster	ftmReqGrantedLeader

Non-inclusive terms in IEEE 802.1AS

If we replace Slave with Follower ...

Old Nomenclature	New Nomenclature
Slave	Follower
ClockSlaveSync	ClockFollowerSync
ClockSlaveTime	ClockFollowerTime
ClockSlave	ClockFollower
SlaveTimeCallback	FollowerTimeCallback
SlaveTimeCallbackPhase	FollowerTimeCallbackPhase
SlavePort	FollowerPort
rcvdClockSlaveTime	rcvdClockFollowerTime

Old Nomenclature	New Nomenclature
updateSlaveTime	updateFollowerTime
dot11SlaveMac	dot11FollowerMac
slaveMacOfLastRequest	FollowerMacOfLastRequest
initReqParamsDot11Slave	initReqParamsDot11Follower
ftmReqGrantedSlave	ftmReqGrantedFollower
setMDSyncParamsDot11Slave	setMDSyncParamsDot11Follower
setMDSyncRecieveDottSlave	setMDSyncRecieveDottFollower
slaveOnlyClock	FollowerOnlyClock

IEEE 802.1ASdr next steps

- Suggested to wait for P1588g draft amendment before we start working on IEEE 802.1ASdr
- The editor is following closely the work in P1588g and will report back periodically