─────────────────── MODULE $E2Node$ ───────────────────

EXTENDS API

LOCAL INSTANCE $Naturals$

LOCAL INSTANCE $Sequences$

CONSTANT $Nodes$

───────────────── MODULE NB ─────────────────

$SendE2SetupRequest(c) \triangleq$
 $\land API!E2AP!Client!Send(c, [type \mapsto API!E2AP!Protocol.E2Setup])$
 $\land$ UNCHANGED $\langle\rangle$

$HandleE2SetupResponse(c, m) \triangleq$
 $\land API!E2AP!Client!Receive(c)$
 $\land$ UNCHANGED $\langle\rangle$

$HandleMessage(c, m) \triangleq$
 $\land \lor \land m.type = API!E2AP!Protocol.E2SetupResponse$
   $\land HandleE2SetupResponse(c, m)$
 $\land$ UNCHANGED $\langle\rangle$

$Handle(c) \triangleq API!E2AP!Client!Handle(c, HandleMessage)$

$Servers \triangleq API!E2AP!Servers$

$Connections \triangleq API!E2AP!Connections$

$Connect(s, d) \triangleq API!E2AP!Client!Connect(s, d)$

$Init \triangleq$ TRUE

$Next \triangleq$
 $\lor \exists s \in Nodes, d \in Servers : Connect(s, d)$
 $\lor \exists c \in Connections : Handle(c)$

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LOCAL $NB \triangleq$ INSTANCE NB

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$Init \triangleq$
 $\land NB!Init$

$Next \triangleq$
 $\lor NB!Next$

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\ * Modification History

\ * Last modified *Fri Aug* 13 04:57:05 *PDT* 2021 by *jordanhalterman*

\ * Created *Tue Aug* 10 04:55:53 *PDT* 2021 by *jordanhalterman*