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

EXTENDS API

LOCAL INSTANCE $Naturals$

LOCAL INSTANCE $Sequences$

LOCAL INSTANCE $FiniteSets$

CONSTANT $Nodes$

ASSUME $\wedge\ IsFiniteSet(Nodes)$
$\wedge\ \forall\, n \in Nodes : n \in \text{STRING}$

$vars \triangleq \langle\rangle$

───────────────── MODULE $Store$ ─────────────────

$Init \triangleq \text{TRUE}$

$Next \triangleq \text{FALSE}$

──

LOCAL $Store \triangleq$ INSTANCE $Store$

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

$SendE2SetupRequest(c) \triangleq$
   $\wedge\ API!E2AP!Client!Send!E2SetupRequest(c, [foo \mapsto \text{"bar"}])$

$HandleE2SetupResponse(c, m) \triangleq$
   $\wedge\ \text{UNCHANGED}\ \langle\rangle$

$Init \triangleq$
   $\wedge\ \text{TRUE}$

$Next \triangleq$
   $\vee\ \exists\, n \in Nodes,\, s \in API!E2AP!Servers : API!E2AP!Client!Connect(n, s)$
   $\vee\ \exists\, c \in API!E2AP!Connections : API!E2AP!Client!Disconnect(c)$
   $\vee\ \exists\, c \in API!E2AP!Connections :$
       $\vee\ SendE2SetupRequest(c)$
       $\vee\ API!E2AP!Client!Receive!E2SetupResponse(c, HandleE2SetupResponse)$

──

LOCAL $NB \triangleq$ INSTANCE NB

──

$Init \triangleq$

1

$\land NB\,!\,Init$
$\land Store\,!\,Init$

$Next \;\triangleq$
    $\lor NB\,!\,Next$
    $\lor Store\,!\,Next$