

```

┌────────────────────────── MODULE SDRAN ───────────────────────────┐

EXTENDS API

CONSTANT E2TNodes

E2T  $\triangleq$  INSTANCE E2T WITH Nodes  $\leftarrow$  E2TNodes

CONSTANT E2Nodes

E2Node  $\triangleq$  INSTANCE E2Node WITH Nodes  $\leftarrow$  E2Nodes

CONSTANT xApps

LOCAL xApp(app, nodes)  $\triangleq$  INSTANCE xApp WITH App  $\leftarrow$  app, Nodes  $\leftarrow$  nodes

Init  $\triangleq$ 
   $\wedge$  API!Init
   $\wedge$  E2T!Init
   $\wedge$  E2Node!Init
   $\wedge \forall app \in \text{DOMAIN } xApps : xApp(app, xApps[app])!Init$ 

Next  $\triangleq$ 
   $\vee$  API!Next
   $\vee$  E2T!Next
   $\vee$  E2Node!Next
   $\vee \exists app \in \text{DOMAIN } xApps : xApp(app, xApps[app])!Next$ 

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\ * Modification History
\ * Last modified Fri Aug 13 06:01:47 PDT 2021 by jordanhalterman
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