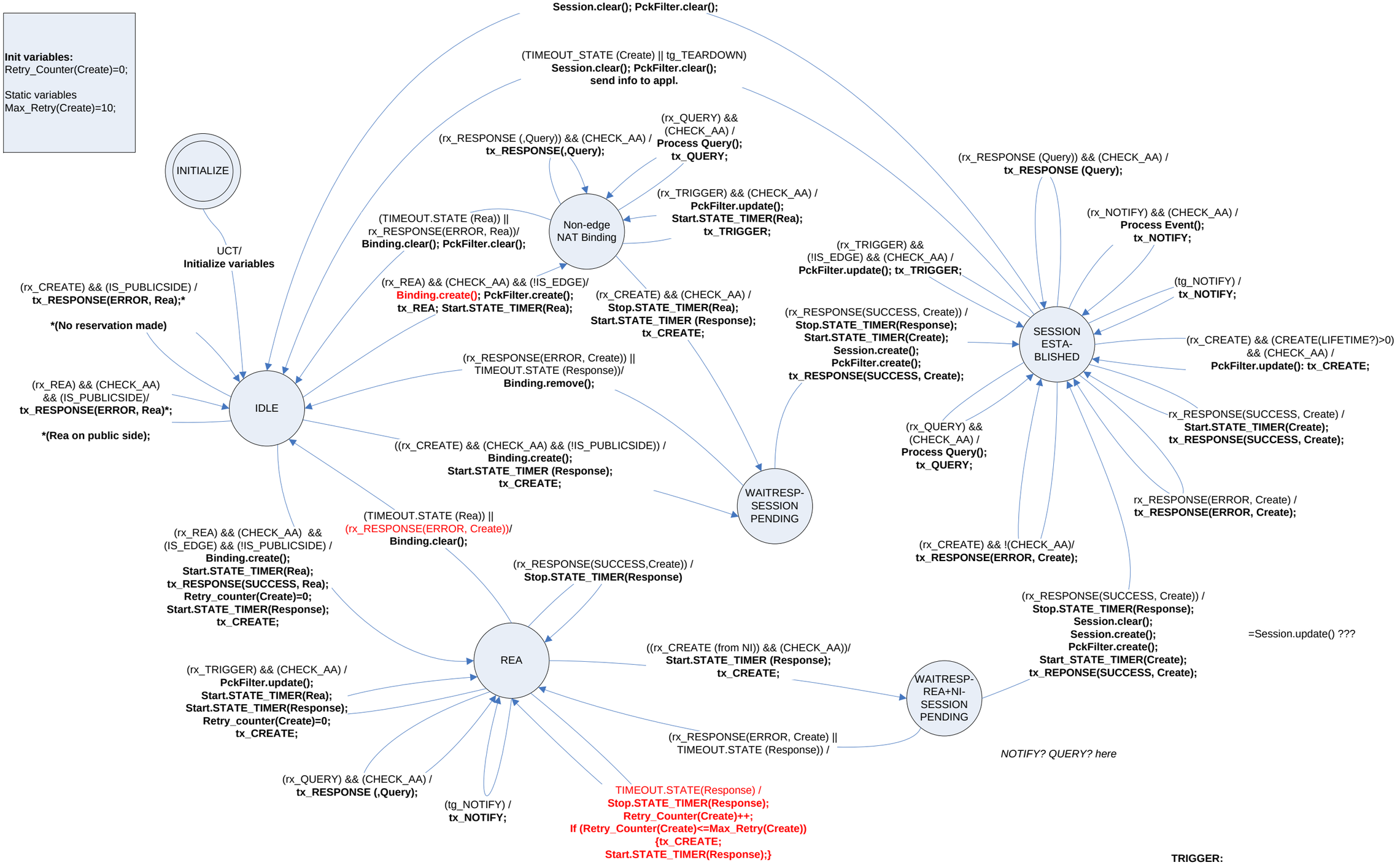
NATFW NSLP
NSIS FORWARDER (NF)
NAT Functionality

OPEN ISSUE: CREATE TRIGGER IN CREATE MESSAGE!

RED TRANSITIONS/CONDITIONS/ACTIONS =
Not mentioned by draft – Transition is a proposed solution

Init variables:
Retry_Counter(Create)=0;

Static variables
Max_Retry(Create)=10;



TRIGGER:
Tg_CREATE: Externally invoked trigger for session CREATE
Tg_EVENT: Externally invoked trigger for sending NOTIFY event

PROCEDURES/FUNCTIONS:
IS_PUBLICSIDE: Checks if CREATE/REA has been received on public side (NAT)
IS_EDGE: Checks if this NF is on the network edge
Create Binding(): Sets up a NAT outbound binding
CHECK_AA, CHECK_LP: Checks AA and LP
Process Query(): Processes a query message
Process Event(): Analyze event and behave based on event

CREATE(*POLICY?*): Gets the Policy object in the CREATE message

* After reception of a QUERY the node decides based on the QUERY object to respond with a RESPONSE(Query) or forward the QUERY to the next NF.

TIMERS:
TIMEOUT_REFRESH: Refresh interval timer expiration
TIMEOUT_STATE: State lifetime timer expiration