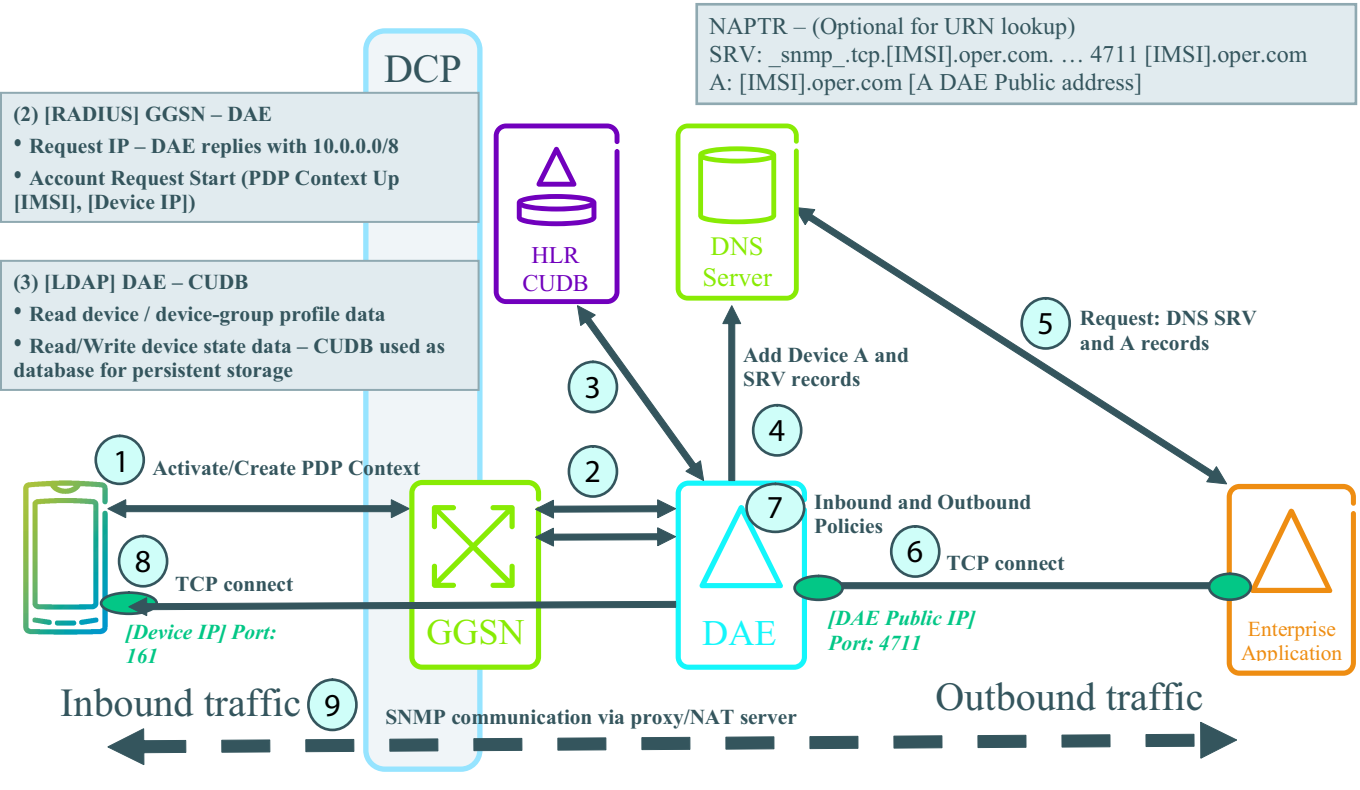
NAPTR – (Optional for URN lookup)
SRV: _snmp_.tcp.[IMSI].oper.com. … 4711 [IMSI].oper.com
A: [IMSI].oper.com [A DAE Public address]
DCP
(2) [RADIUS] GGSN – DAE
• Request IP – DAE replies with 10.0.0.0/8
• Account Request Start (PDP Context Up [IMSI], [Device IP])
(3) [LDAP] DAE – CUDB
• Read device / device-group profile data
• Read/Write device state data – CUDB used as database for persistent storage
HLR CUDB
DNS Server
Add Device A and SRV records
Request: DNS SRV and A records
1 Activate/Create PDP Context
2
3
4
5
6 TCP connect
7 Inbound and Outbound Policies
8 TCP connect
[Device IP] Port: 161
GGSN
DAE
[DAE Public IP] Port: 4711
Enterprise Application
Inbound traffic
9
SNMP communication via proxy/NAT server
Outbound traffic