

Discovery of Service consumption by STAs

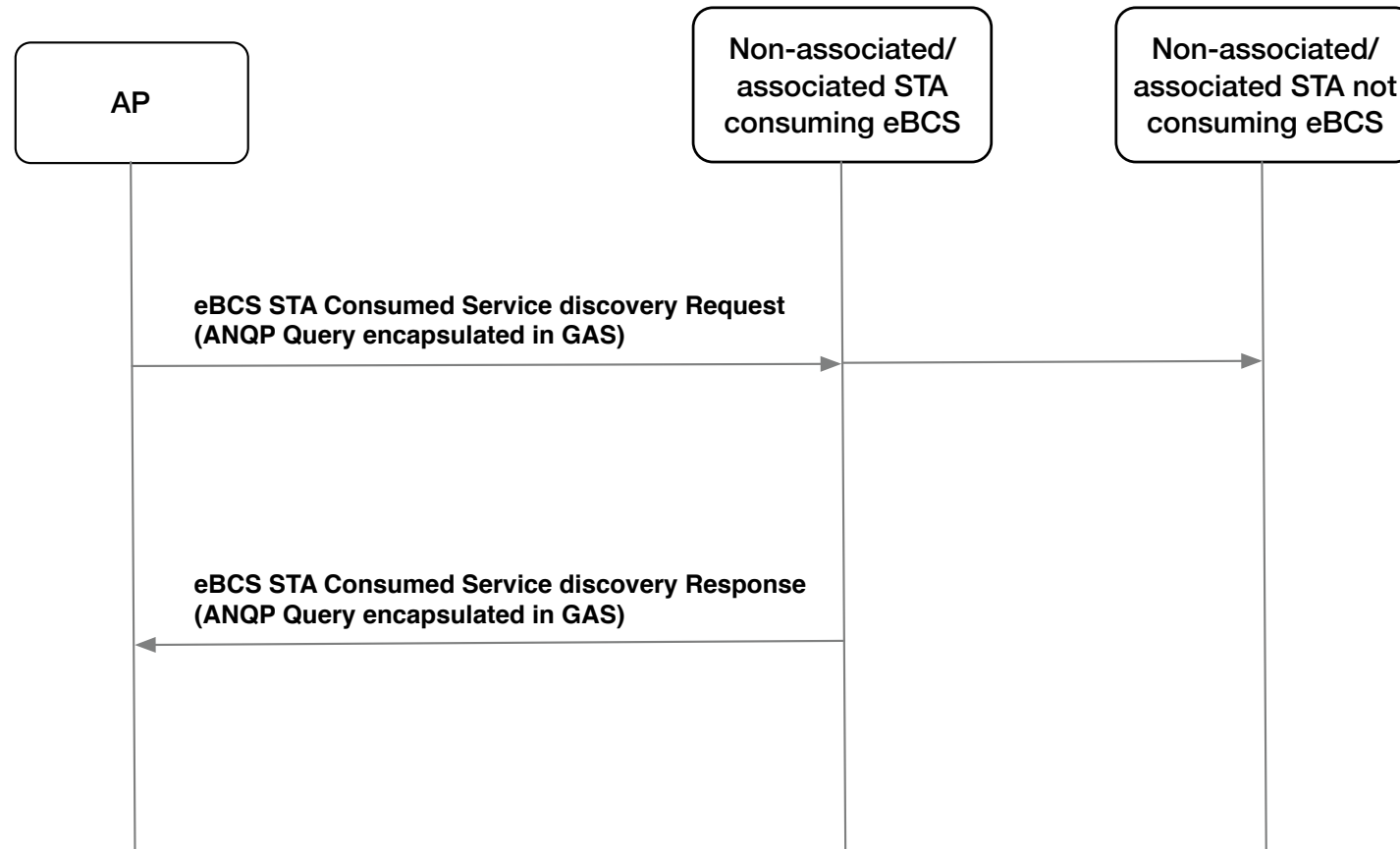
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Service discovery requirements

- Within the requirements document there is the explicit need for service discovery:
 - **R3.5.2:** 802.11bc amendment shall have a mechanism to facilitate the discovery of STAs consuming a particular broadcast service.
- This must be done for associated/un-associated STAs
- **Proposal is to use ANQP Request/Response originated from AP**

Operation



Replying STAs are the ones consuming the service

Considerations

- GAS in broadcast will require all STAs (associated/non-associated) to process the message.
 - Suggestion-> Reserve a groupcast address for STA service discovery
- Large number of STAs may be answering the request
 - Query must contain the service asked for (there should be no possibility to ask for all services)
 - This can also be mitigated by using GAS with a groupcast address (GAS implements mechanisms to reduce the signalling storms)

Straw Poll 1

- **Do you agree to add to the TGbc SFD:**
 - **TGbc shall define a mechanism for APs to discover services consumed by STAs through an extension to ANQP.**