Motivation

- RFC3315 defines how to request options:
  - send ORO
- RFC3315 does not define:
  - how to request sub-options
- Goal: One page clarification draft
Previous proposed solutions

1) Include ORO in message, request options on any levels
   + maintain current status quo
   - all requests are global

2) Include ORO instance in each requested scope
   + possible per instance granularity
     (e.g. request one IA_PD with PD_EXCLUDE and one without)
   + good server scalability when more options are defined
   - requires some implementation on server
   - interoperability concerns
   - problem: What if client sends ORO as suboption and server does not support it?

Recommendation from last meeting: unified approach
Proposed approach

Client requests SUBOPT_ORO
Did server respond with SUBOPT_ORO?

No

single ORO, top level
(as usual)

Yes

Single ORO, top level
for options that should appear everywhere

Put ORO as sub-option
for options that should appear only in one instance
Next Steps

- Accept this approach? => Adopt?
- Propose yet another approach? Volunteers?
- No consensus? => Drop the work?
Thank you