

RFC 5333 bis

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ENUM in a Nutshell

- ENUM: E.164 Number to URI Mapping
 - Specified in RFC 6116 & RFC 6117
 - Input: Telephone Number
 - Output: URI
 - Means: DNS & DDDS
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- Abbreviations:
 - **URI**: Uniform Resource Identifier
 - **DNS**: Domain Name System
 - **DDDS**: Dynamic Delegation Discovery System

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- IANA Registration of Enumservices for Internet Calendaring
 - Input: Telephone Number
 - Output: iCalendar URI, used to
 - access calendaring information, or
 - perform scheduling transactions
- Enumservices for iCalendar scheduling
 - ical-sched:mailto / mailto (iMIP)
- Enumservices for iCalendar access
 - ical-access:http / http (CalDAV)
 - ical-access:https / https (CalDAV)

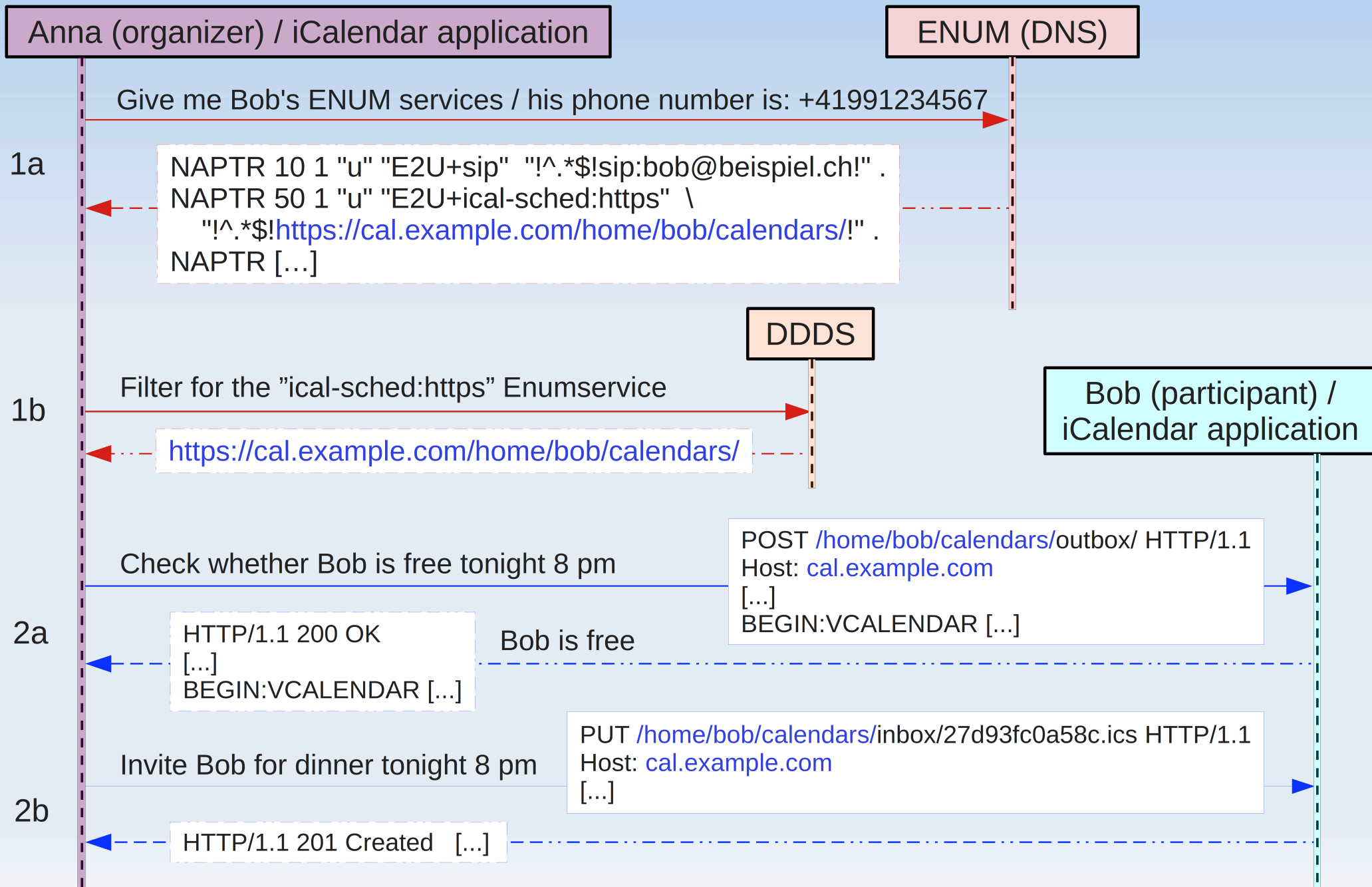
draft-desruisseaux-caldav-sched

- Defines iCalendar scheduling extensions
 - Leverages the scheduling methods defined in the iCalendar Transport-independent Interoperability Protocol (iTIP) [RFC 5546] using CalDAV (HTTP)
 - Permit Calendar Users to perform scheduling transactions, such as:
 - Schedule
 - Reschedule
 - Respond to scheduling request
 - Cancel scheduled calendar components
 - Search for busy time information

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- Add IANA registration of new Enumservices related to draft-desruisseaux-caldav-sched
 - Enumservices for iCalendar scheduling (CalDAV)
 - ical-sched:http / http [if needed]
 - ical-sched:https / https
 - Had to be stripped from RFC 5333 before publication
 - Normative reference to draft-desruisseaux-caldav-sched
- Update existing Calendaring Enumservices [RFC 5333] to be compliant with RFC 6117
 - RFC 6117:
New process for IANA registration of Enumservices

Example Flow: iCal with ENUM



Issue #1

- Do we also need an Enumservice “ical-sched:http”?
 - Or is “ical-sched:https“ sufficient?
 - IOW: If you advertised a CalDAV URI for scheduling, would you ever advertise a http-URI (i.e. not https)?
 - Is this related to draft-hoffman-server-has-tls?
 - Calendaring expert advise welcome

Issue #2

- Do separate Enumservices for scheduling and access make sense?
 - IOW: Is the URI used for scheduling always the same as the URI used for access?
 - This is somewhat related to Issue #1

How to proceed

- How to proceed with RFC 5333 bis:
 - Apparea WG Document [preferred]?
 - Any other existing WG?
 - AD sponsored?
 - New WG [probably not]?

Note: ENUM WG is not an option as it will be shut down shortly

Questions / Feedback

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