

Thursday, March 19, 2009 12:51 PM
SIP Forum UA Config WG
Notes of UA config conference call
2009-03-19,15.00-16.00 GMT

Participants: Scott Lawrence, Rifaat Shekh-Yusef, Michael Procter, Andy Hutton, Sumanth Channabasappa, Marek Dutkiewicz, John Elwell

1. Actions from last week:

- Rifaat to initiate email discussion on parameters needed for NAT traversal Not started

- Rifaat to initiate email discussion on parameters needed for certificates DONE

- Scott and Rifaat to propose new words for 3.1 based on last week's discussion DONE

- Scott to update draft
DONE

2. Confirmation of decision to drop DHCP options other than 15 Marek believes 66 much more widely implemented than 15. Scott believes it is very difficult to get people to program DHCP options correctly, and with 15 it is not an issue because it is always there (even though not used for this purpose today). 66 is used for different purposes (e.g., TFTP, which we will not use), and they all need to be configured in different ways. 15 is in line with the config framework. There was tentative agreement to stick to the decision to specify just option 15 - subject to Marek giving it further consideration.

This led to a discussion of whether we need to specify user-provision of domain name, since option 15 won't work if service provider is a different domain from local network. We can't mandate that devices support this, because those without a suitable user interface will be unable to do so. It was agreed that other means of obtaining this and/or other information, e.g., by manual input, is not precluded, and John will work with Scott to come up with some general text on this.

3. Review of latest draft

Scott had sent out version 0.5 the previous day. The meeting viewed the restructuring favourably.

Based on list questions concerning use of NAPTR, it was questioned whether we should allow the NAPTR step to be by-passed (as indeed many implementations do at present) and even whether we can avoid mandating use of the NAPTR step. Discussion to continue on the list.

Also participants are asked to submit further comments on the current draft, particularly section 3.1, on the list.

4. Discussion on certs

Rifaat's initial proposal on the list had attracted a number of comments. Rifaat clarified that the proposal ignores the initial bootstrap problem. It was agreed that there is a need to load a CA cert into a device, typically a customer one (rather than some default installed by the manufacturer), and this should be included in the list of parameters. It seems we don't need to handle providing a device with its own certificate and private key, because device certificates are typically not used for SIP. Authentication of the device is done by means of a shared secret and SIP digest authentication. Similarly authentication of the provisioning server would typically require a shared secret for SIP/HTTP/HTTPS digest authentication, and there is a bootstrapping issue of how to get this onto the device. Likewise there is a bootstrapping issue of how to get the CA certificate for the provisioning server onto the device. It was unclear to what extent we can specify this bootstrapping process.

5. Proposed slide to show at SIPPING (DISPATCH) (see attached draft) John presented a draft slide to send to SIPPING. It needs to be corrected to show the new date/time for the UA-config meeting (apparently to be billed as a SIPPING ad hoc meeting). This also means that the slide will need to be presented during the SIP session on Tuesday, rather than the later SIPPING session.

6. Confirmation of breakfast time meeting in SF, Wednesday 25th Confirmed

7. Next call 2009-04-02, back to original times (15.00 BST), same bridge.

John