Draft-ietf-nfsv4-internationalization

Current Status and Further Steps

David Noveck
For NFSv4 Interim
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• Further Steps. (Slides 9-12)
Current Status
Overview

• -06 (now -07) is pretty much complete.
• Have to deal with following issues before full completion
  • Complete adjusting to IDNA changes..
  • Deal with external reviews
    • Including a major decision to be made. (see Slides 10-11)
Current Status
External Review Summary

• Internationalization early review (see Slide 5).
  • By Nico. Williams.
  • Made some suggestions that were incorporated over a year ago.

• Unofficial review (see Slides 6-7).
  • By J. Klensin.
  • Objected to the material suggested by Nico.

• Official ARTART review (see Slide 8).
  • By. A Gulbrandsen.
  • Thinks things are pretty much OK.
Current Status
Early Internationalization Review

• Nico’s headline was “On the Right Track”, but ...
  • Really suggested I write an entirely different document, dealing with multiple protocols.
  • Ignored that.

• Also had some useful suggestions, that I did incorporate:
  • Client awareness needs (for name caching) regarding normalization and case-insensitivity. On the server
  • Issues regarding difficulty of case mapping when doing internationalization (e.g. Turkish I and Ý).
Current Status
Unofficial J. Klensin Review (Slide One of Two)

• Got this after requesting ARTART review and dealt with it in that context.
  • Not available on datatracker but I can find the emails we exchanged if people are interested in the details.
• A lot of issues raised consisted of warning me *not* to do certain things. (e.g. consistently dropping diacritics).
  • Never even thought about doing many of those things.
  • Document not studied in detail.
Current Status
Unofficial J. Klensin Review (Slide Two of Two)

• Objected to most of the material added in response to the N. Williams review.
  • He felt it made the document too complicated.
  • I had been prepared to just delete that material.

• Made a number of suggestions that I decided to follow. Will incorporate those in -07.
  • Issue of encoding knowledge in LOOKUP.
  • Suggestions about dealing with IDNA issue by referring to other documents making it somebody else’s problem.
Current Status
Official ARTART Review

• Headline was “Almost ready”
• Available in datatracker.
• Has some easily dealt with issues and suggestions for clarification.
  • Intend to incorporate these in next draft
Further Steps
Planning for -08

• Things I know should be in it:
  • Two suggestions from J. Klensin
  • All of the suggestions from the official ARTART review.

• One issue I remain unsure about:
  • Proper status of Nico-suggested material.
  • See Next Slide for discussion of decision to be made.
Further Steps  
Decision to be Made  

• We have three possible choices: 
  • Leave in the changes suggested by Nico  
    • After all, Official Review was OK with these.  
  • Take them out as suggested by J. Klensin  
    • Would have to address these issue in the future, anyway.  
  • Move the material into appendices.  
    • Might simplify the approval process.  
    • Would give current guidance to those working on case-insensitive implementations.
Further Steps
Organizing Decision Process

• Need to get working group consensus., but this might be hard because of,
  • Limited group interest in internationalization issues.
  • The issue is not really technical but fundamentally political.

• Still we will need to agree on a way forward.
  • I will probably rely on Zahed’s political judgment.
Further Steps
Proposal for Mock-up Draft

• To support decision-making process, need to give the group a comparison of various approaches, so will provide the following:
  • New personal draft draft-dnoveck-i18n-extrev-try-00.
  • Will follow the approach of moving the new material into appendices.
  • Hope to have this done by 12/19 interim.

• Working group members could compare:
  • This mockup draft -07, the mockup draft With appendices deleted
  • Given this decision, it would be easy to get an -08 to proceed with.