

# **Draft-ietf-nfsv4- internationalization**

## ***Current Status and Further Steps***

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For NFSv4 Interim  
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- Current Status (Slides 3-8)
  - Dealing with External Reviews (Slides 4-8).
- 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 i).

# 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.