IETF 116 NFSv4 Working Group

Welcome (back) to Yokohama

Chris bashed. Note we reserved 90 minutes, but agenda filed up - will need more time at next meeting. The schedule was tight with the number of drafts and topics in the working group. The working group would like to start regular interim meetings and finishing up that scheduling needs to be taken to the mailing list.

Interim Meetings etc (Chris Inacio)

Designated experts needs to be updated - IANA registries (Thomas Haynes)

Interim meetings and draft progress.

Poll sent out to determine regular interim meeting times for working on docs. Chris will take to list and reconfirm the dates people said they could attend and send out invites for interim meeting.

pNFS Layout (Hellwig)

Working on updates for SCSI layout with NVME, most the technical work is resolved at this point, close to WGLC. 2 outstanding items (1) current name for standards track document and (2) need updated bcp14 language. Using the old xmlrfc v2 and needs to upgrade; ars has a script to share. Will start WGLC after update on the list.

RDMA Commit (Talpey)

Requesting WG adoption. Poll in the room was 6/6 in favor and chairs noted that the draft has had some reviews. Will follow up on the mailing list for adoption call.

5661bis (Noveck)

I18N is still an issue within the draft and 5661. Sense of the WG seems to be that we should reconsider the approach and get outside support. AD will provide support for external I18N support. Current implementations are not very supportive of I18N was mentioned; a better design will possibly improve this situation.

Implementation Status (Lever)

A quick presentation about implementation status of RPC over TLS. Looking good on a number of platforms; Linux kernel requires TLS negotiation done outside of kernel. Linux getting close, but working through some of the upcalls needed to finish off the TLS negotiations. TLS present in FreeBSD and MacOS.

Delstid (Haynes)

We will bring this to WGLC on the mailing list.

Flex File Layout (Haynes)

We will start WGLC on this draft on the list.

LAYOUTRETURN (Haynes)

We will bring an adoption call to the list.

Sequence ID Calibration (Yang Jing)

They are seeing errors from their NFS client to their NFS server. When the sequence IDs become out of sync, the client aborts the connection. The proposal is to be able to add function points to read/reset the sequence ID between the server and client.

Their proposed IDs are already in use is the first issue. The consensus appeared to be that this would potentially be a debugging feature but shouldn't be added to production and standardized.

Various WG members were willing to continue some amount of conversation on how to suppport this, take it to the list.

Wrap UP

Unfortunately, the network on site dropped early and wrap conversations didn't happen.