April 29 nfsv4wg Meeting

Final Version (sent on 4/22/2020)

Introduction

This description is for our Interim virtual meeting occurring on April 29 (at 10AM PDT == 5PM UTC).   It contains similar material to our cancelled on-site second session which was to be held at IETF107 in Vancouver. Given the cancellation of IETF 107, it is now easily attended by those not prepared to deal with the corporate Travel Approval Process, the threat of Covid-19, and the troubling prospect of shrinking-airline-seat dysphoria.

Meeting Scheduling and Access

Time and Date	PDT	10:00-12:00	Wednesday April 29, 2020
	CDT	12:00-14:00	
	EDT	13:00-15:00	
	UTC	17:00-19:00	
	CEST	19:00-21:00	
Meeting URL	https://ietf.webex.com/ietf/j.php?MTID=mc94bcfcac7f9759b4eaf77e723052d91		
Meeting Number (access code)	612 392 860		
Meeting Password	jVqPpSMm443		

Meeting Agenda

This agenda is for our Interim virtual meeting occurring on April 29 (at 10AM PDT == 5PM UTC).   It contains similar material to our cancelled on-site second session which was to be held at IETF107 in Vancouver.

We have retained much of the originally announced structure, with an earlier meeting focusing on the working group's current agenda (including stuff related to rfc5661bis) and a later meeting emphasizing our future work.

Note that, with regard to the milestone (**MS**) column:

- WBD means that we expect this item to get a milestone soon after the meeting and expect the working group discussion to contribute to the target date to be chosen.
- TBD means that we not have a milestone for this item and may decide to create one, based in part, on the results of the working group discussion.

Who	Time	MS	Doc	Description
D. Noveck	5 min.		N/A	Introduction including NOTE WELL.
D. Noveck	5 min.		N/A	Agenda bashing.
S. Faibish	20 min.	Yes.	No.	Discussion of progress and plans for standards-track document describing use of NVMe in connection with pNFS.
C. Lever, L. Eggert	15 min.		N/A	Will describe potential use of github in connection with managing working group documents. Lars will provide a demo illustrating how this is used in the Quic WG.
C. Lever	15 min.	No.	No.	Discussion of directory performance scalability.
D. Noveck	15 min.	TBD	No	Discussion of possible work to distribute metadata operations, without any attempt to stripe directories.
S. Faibish	15 min.	TBD	I-D	Discussion of proposed storage compression attributes.
T. Talpey	10 min.	TBD	I-D	Background and upcoming outlook for extensions to RDDP protocols in support of memory placement and "push mode". Discussion of whether NFSv4 is an appropriate working group for the effort, in place of former RDDP.
C. Lever	15 min.	TBD	No.	Discussion of potential work to enable new RPC transports, including: • Quic • MpTcp • Within RPC-TLS, potential work to enable user certs or EAP.