

# April 29 nfsv4wg Meeting

**Draft (as of 4/6/2020)**

## 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	<a href="https://ietf.webex.com/ietf/j.php?MTID=mc94bcfcac7f9759b4eaf77e723052d91">https://ietf.webex.com/ietf/j.php?MTID=mc94bcfcac7f9759b4eaf77e723052d91</a>		
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.

This agenda is preliminary and it will not be finalized until several weeks from now. However, it is unlikely that there will be changes in the set of talks to be given or large changes to the time allocated to each topic. With the expected two-hour meeting length, it is unlikely that we will be able to add many new substantial talks not discussed yet. Nevertheless, there is some room for changes before this is published generally, which I expect to do one week before the meeting, on April 22.

- The ordering of items is open to change and suggestions for appropriate re-orderings will be welcomed.
- In some cases, the talk description has not been provided by the speaker and what appears is my best guess at an eventual talk description. In such cases, the description is shown with a light blue background. I would appreciate it if speakers could provide me with better descriptions soon.
- If you really need more time than is currently allocated, please let me know and I'll try to address the issue. Although we no longer have a hard stop when the room is cleared, we should not allow the meeting to drag on.

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 do 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.

Who	Time	MS	Doc	Description
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: <ul style="list-style-type: none"> <li>• Quic</li> <li>• MpTcp</li> <li>• Within RPC-TLS, potential work to enable user certs or EAP.</li> </ul>