

Update on the WG5.1 activities

Synchronisation of activities and developments related to VMM3a/SRS

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What happened since the last RD51 collaboration meeting?

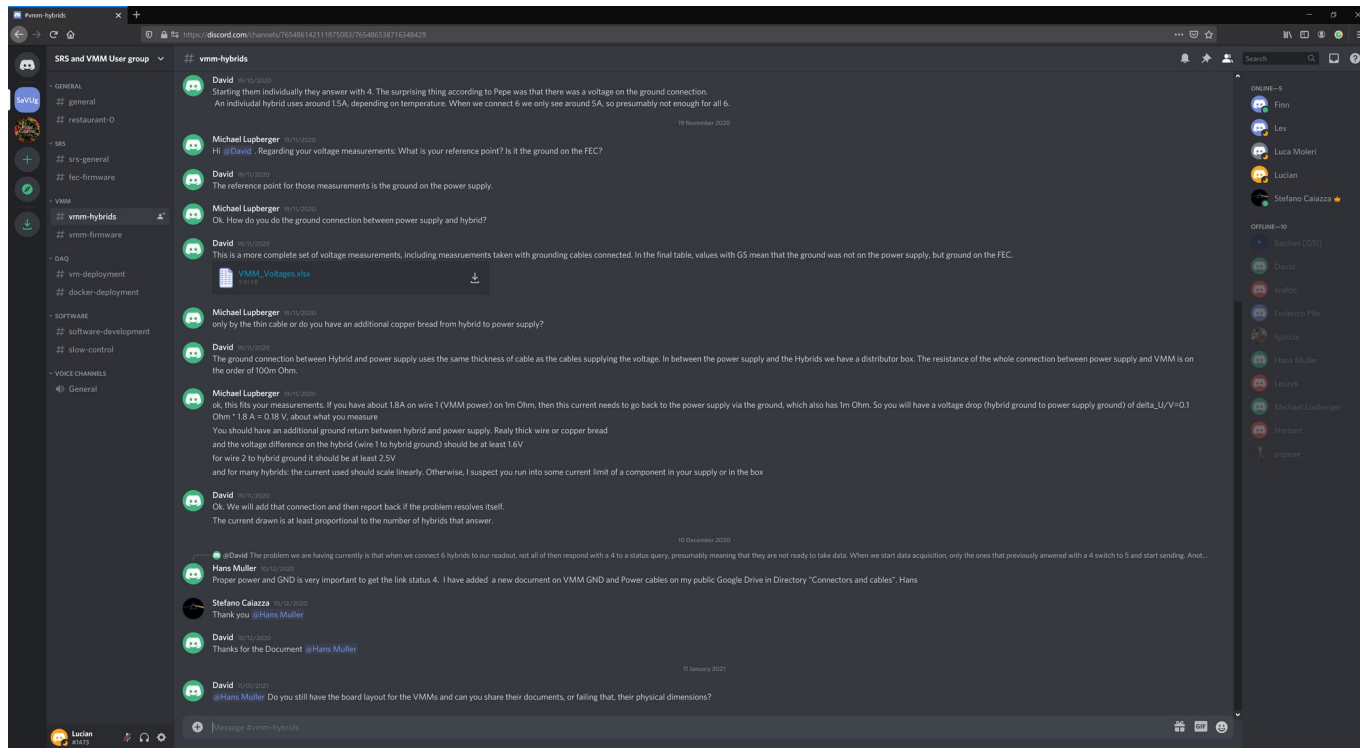
- Meetings on
 - Creating a responsive online community for new users of VMM3a/SRS → Discord
 - VMM hybrid testing with the slow control QA module
 - Noise studies
- You can find the meetings here: <https://indico.cern.ch/category/11660/>
- To access the Indico pages and stay updated, please subscribe to <https://e-groups.cern.ch/e-groups/Egroup.do?egroupId=10355541>

Using VMM3a/SRS

- Finished successfully the first large RD51 production batch of the new hybrids and other SRS components → update from Alex after this presentation
- Lots of new users → guidance on how to set up and use the system is needed
- Documentation of hardware components:
<https://drive.google.com/drive/folders/1h5KLMAa7-bxbPoisnip5Adb4mYc2YMdq>
- Where to find what (software, firmware, documentation)?
→ See the document at the end of this presentation

Exchange channel: Discord

- In case of problems or if you find something important, please share it here: <https://discord.gg/jsT9HgD>
- Discord server, set up by Stefano to start a responsive online community
- Discord is similar to Slack or Mattermost
- In current situation particularly useful, but also for the future!



Update on the virtual machine

- Recall from last update: Francisco set up a virtual machine with all the useful software to operate VMM3a/SRS installed.
- Made the virtual machine available via common RD51 project space on EOS/CERNBox.
 - Project link: </eos/project/r/rd51>
 - Accessible via CERNBox online and remote client. Check https://cernbox-manual.web.cern.ch/cernbox-manual/en/project_space/ to read how to access the project
 - Alternative: directly via lxplus (download via ssh/scp)
- IMPORTANT notes:
 - 1) At the moment you have to subscribe to this e-group: <https://e-groups.cern.ch/e-groups/Egroup.do?egroupId=10391601> (ideally it would just contain rd51-all, but I still have to figure out how to do this)
 - 2) The VM is from autumn 2020, so the software is not in the latest version
 - 3) VMs are not so performant... Nonetheless useful to get a feeling, which software you need (and not need) and how the different software components work together
 - 4) Instruction manual still missing
 - 5) To download, just take everything within /eos/project/r/rd51/WG5/VirtualMachine_VMM3a-SRS_October2020/ → be aware, it is 40 GB large
- → Support from the community on this topic would be helpful!