

Sprint 2 Report

Product: NVMe over Fabric

Team: NVMe

Date: 2/11/16

ACTIONS TO STOP DOING

- Going off-topic during scrum meetings because we occasionally discuss solutions to a team member's problem and do not stick to the structure of a SCRUM meeting. By waiting to discuss a solution to a team member's problem until after the SCRUM meeting, we can prevent the team from going off topic during the meeting.

ACTIONS TO START DOING

- Being more aware of other teams because our group was getting loud and we need to respect our surroundings.
- Better accounting of actual hours spent on each user story because we need a better estimation of the number of ideal hours needed to complete each task.

ACTIONS TO KEEP DOING

- Getting everyone more involved in all areas of the project since not everyone is knowledgeable in all areas of the project, and getting everyone involved in multiple areas will help them gain knowledge in a wider range of topics and therefore will help in completing future tasks.
- Solid preparation for meetings with the TA and sponsor so we can provide a succinct message.

- Using Trello and Slack for effective collaboration and communication because it allows for good collaboration and productivity.
- Finishing deliverables efficiently and punctually because it is good practice.

WORK COMPLETED/NOT COMPLETED

Completed:

- As a developer, I need to install the Mellanox drivers so that the Mellanox cards are functioning.
- As a developer, I need to create a full system backup of the physical server so that I can restore to a safe point in the event something happens.
- As a developer, I need to configure a RoCE topology for the servers so that the devices can communicate using RoCE.
- As a developer, I need an upgraded kernel so that I have compatibility with the nbdX server.
- As a developer, I need to build the virtual nbdX server so that I can do performance benchmarking.
- As a developer, I need to understand the Accelio API so that I can familiarize ourselves with the tools necessary for nbdX setup.
- As a developer, I need to test Accelio API calls across the two HPE physical servers so that I can build the virtual nbdX server and ensure that the software stack is working.

Not Completed:

- As a user of the system, I must be able to read online documentation of NVMe over Fabric so that I can build and run the project.
- As a developer, I need to understand the nbdX server technology so that I can better understand the higher layers of the technology stack that I am utilizing.
- As a developer, I need to understand the RoCE protocol so that I can better understand the lower layers of the technology stack that I am utilizing.

WORK COMPLETION RATE

Total user stories completed: 7 stories

Total story points: 44 points

Total estimated ideal work hours completed: 52 hours

Actual work hours completed: 49 hours

Sprint 2 Final Burn Up Chart

APL

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↑
Scrum
Master

