DTN Evolution (UvA)

Data transfers among DTN can adopt a number of the data transfer protocol, such as GridFTP, MDTM, FDT. We propose to evaluate and compare these different techniques' performance in our field lab and determine under which condition and characteristics each one of them is more suitable for adoption.

We will also consider what hardware and protocols are useful in a wide range of real world workflows, and if practical, determine a standard design that fits most workflows.

We also plan an extended and improved version of our SC17 demonstration for the 2018 edition of the SuperComputing conference.

Deliverables:

D2.1 – Report on the data transfer protocols in DTN field labs (Q3)

D2.2 – Demonstration at SC2018 in collaboration with KLM (Q4)