

Setup :

Test setup included 2 node, 4 node relay, 10 node mesh, 4 node star

Each server hosts a set of files and no file is served by 2 servers initially. We then try to pull a file to any peer and then try to fetch the same file from another peer. This is when he should see two servers serving the same file mentioning which is primary and which is secondary.

We have a update thread which updates the file mtime and version. Depending on push or pull, the cached file on the server gets invalidated time to time and even gets updated.

Test Case	Type	Status	Comments
Relay 2 node. Tried to fetch the file from compute-0-3 to compute-0-2, then the file from compute-0-3 to compute-0-0 PUSH	Positive	Pass	
Relay 2 node. Tried to fetch the file from compute-0-3 to compute-0-2, then the file from compute-0-3 to compute-0-0 PULL	Positive	Pass	
Relay 4 node . Tried to fetch the file from compute-0-3 to compute-0-2, then the file from compute-0-3 to compute-0-0 PULL	Positive	Pass	Servers serving the file with all the details of mtime, version were displayed
Relay 4 node . Tried to fetch the file from compute-0-3 to compute-0-2, then the file from compute-0-3 to compute-0-0 PUSH	Positive	Pass	Servers serving the file with all the details of mtime, version were displayed
Mesh 10 node Pull	Positive	Pass	*
Mesh 10 node Push	Positive	Pass	*

There are known stability issues with the server code especially when we enable the triggers to update the file automatically. Since servers were not stable, we were not able to test completely / capture the data for other configurations. Due to lack to time we could not debug the issues and fix them