



WebDav and dCache

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Web Distributed Authoring and Versioning (WebDAV) is an extension of the Hypertext Transfer Protocol (HTTP) that makes the Web a readable and **writable** medium

PROPOSED STANDARD

RFC 2518 since
1999

▶ WebDav

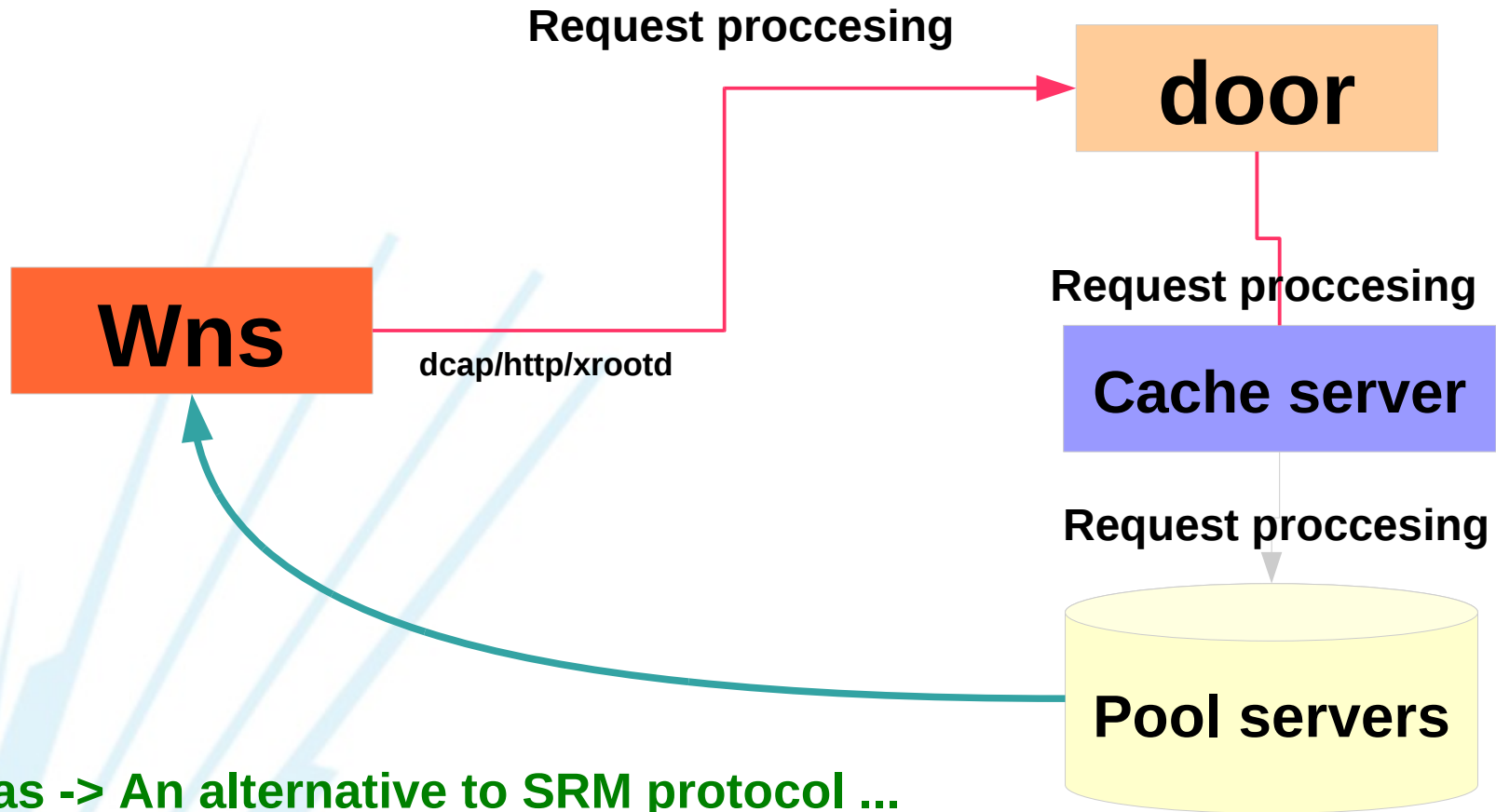


- provides web-based network file system (allows browsing, upload and download, renaming, moving, copying and deleting files)



Https can used as a transfer protocol : X509

WebDav and dcache



Atlas -> An alternative to SRM protocol ...

"Experiences with http/WebDAV protocols for data access in high throughput computing",
Journal of Physics: Conference Series 331 (2011) 072003 (CHEP 2011)



Atlas wish !



- Tests with WebDAV also write (PUT, MKCOL, MOVE).
- Test protocol to rename files
 - The migration Rucio (new system Data Management) need the renaming of all files in ATLAS.
- ATLASPPSSCRATCHDISK token associated with ~ 500 GB `srm://ccsrm.in2p3.fr/pnfs/in2p3.fr/data/atlas/atlasppsscratchdisk` and access in READ / WRITE this directory via webDAV.