**Schematic overview Network-Shares for storing RawData-files**

Techmachine-1

Techmachine-2

Techmachine-n

\\TCE00\

Rawdata.txt

unilink.txt

UNILAB

UTSCMECELL  
-filename\_xy\_data

**ATHENA**

UNI-reports

**ATHENA-2.0**

UNI-reports

REDSHIFT

\\S3-storage\

Rawdata.txt

unilink.txt

AWS-CLOUD

Aws/dms-replication

Network-share

UTLONGTEXT  
dOC\_ID =#LNK  
TEXT\_LINE=//tce00/  
TEXT\_LINE = //S3/

UTSCMECELL  
-filename\_xy\_data

UTLONGTEXT  
dOC\_ID =#LNK  
TEXT\_LINE=//tce00/  
TEXT\_LINE = //S3/

Questions:

1)Is Athena-2.0 capable of accessing files from AWS on a on-premise network-server/share depending on the server/filename coming from unilab? What should we do to make this possible?

2)Is Athena capable of accessing files on a S3-storage from AWS depending on the server/filename coming from unilab? What should we do to make this possible?

3)Will testmachine be able to store files on a S3-storage-subfoleder from AWS conform local network-share? What should we do to make this possible? Can this be done making use of a network-share?

4)Is it possible to create same directory-structure as on current network-shares?

Difficulties:

It is probably not an option to switch all testmachines in a big bang to store raw-data-files in an S3-storage. We will need to do some investigation how the testmachines are using the network-shares, and if they are using config-files of netwerk-shares for this.

There is a lot of historic data available on network-shares related to a server/filename in unilab-method-cells. Moving files from network-share cannot be done without changing the server/filename in unilab.

This means that Athena and Athena-2.0 must be capable of retrieving raw-data files from the current network-shares as from the S3-storage.

**Answer Shailender (05-03-2024)**

Hi Peter,

Athena 2.0 can access files from any network share. As we are using Linux to host Athena 2.0, I would have to configure Linux machine to access Windows shared folder [\\tce00](file:///\\tce00).

For files on S3, there are Python libraries to access files.

Files from test machines or from TCE00 can be synched to S3 via file gateway sync service from AWS. We are already using it in all plants to take backups. Henrique can work with Rahul Rao and Thiyagarajan to configure for test machines in Enschede to sync files on S3.

So essentially we have both the options available. As configuring File gateway will take time, we can start with direct access to TCE00.