METHUSELAH MUSIC PROJECT

ALEC MILLMAN

LIS 4850- DIGITAL PRESERVATION

FINAL PROJECT VIRTUAL PRESENTATION

JUNE 4, 2020

INSTITUTION PURPOSE & GOALS

- The MMP is an online collective dedicated to the preservation of performed live music of all varieties and performed in all forums
- What sets the MMP apart is preserving the unembellished, unadulterated, as-it-happened audio experience in a lossless file format
  - Allows end-user to download file, mix and alter for personal use as they see fit
  - Future phases will also see MMP housing uncompressed audio files

DATA COLLECTED & STORED

Phase 1:

Lossless Formats

- FLAC
- WavPac
- ATRAC
- Monkey's Audio
- Dolby's TrueHD
- shn
- TTA
- ALAC

Phase ?

Uncompressed formats

- WAV (sans uncompressed files)
- AIFF
- DSD
- BWF

NDSA COMPLIANCE- THE GOOD STUFF

LEVEL 1

SECURITY/CONTROL

- All files are the responsibility and under control of the MMP team, even if the uploader is a team member
- Tiered levels of admin abilities
  - Safeguard against accidental deletion/other data corruption
- Admins w/o deletion abilities:
  - Corky Wolfcastle
  - Diomedes Jackson
  - Nestor Gondolli
- God-mode Admins
  - Clytemnestra Rothchild
  - Todd Parker

METADATA CURATION

- MMP team performs weekly inventory/integrity checks- and backs up content- across multiple local servers
  - Crucially, the servers are within close proximity

FILE FORMATS

- MMP currently has Leve 2 compliance
  - Verifying file formats
  - Relationships with the content creators

NDSA COMPLIANCE- THE SAD FACE

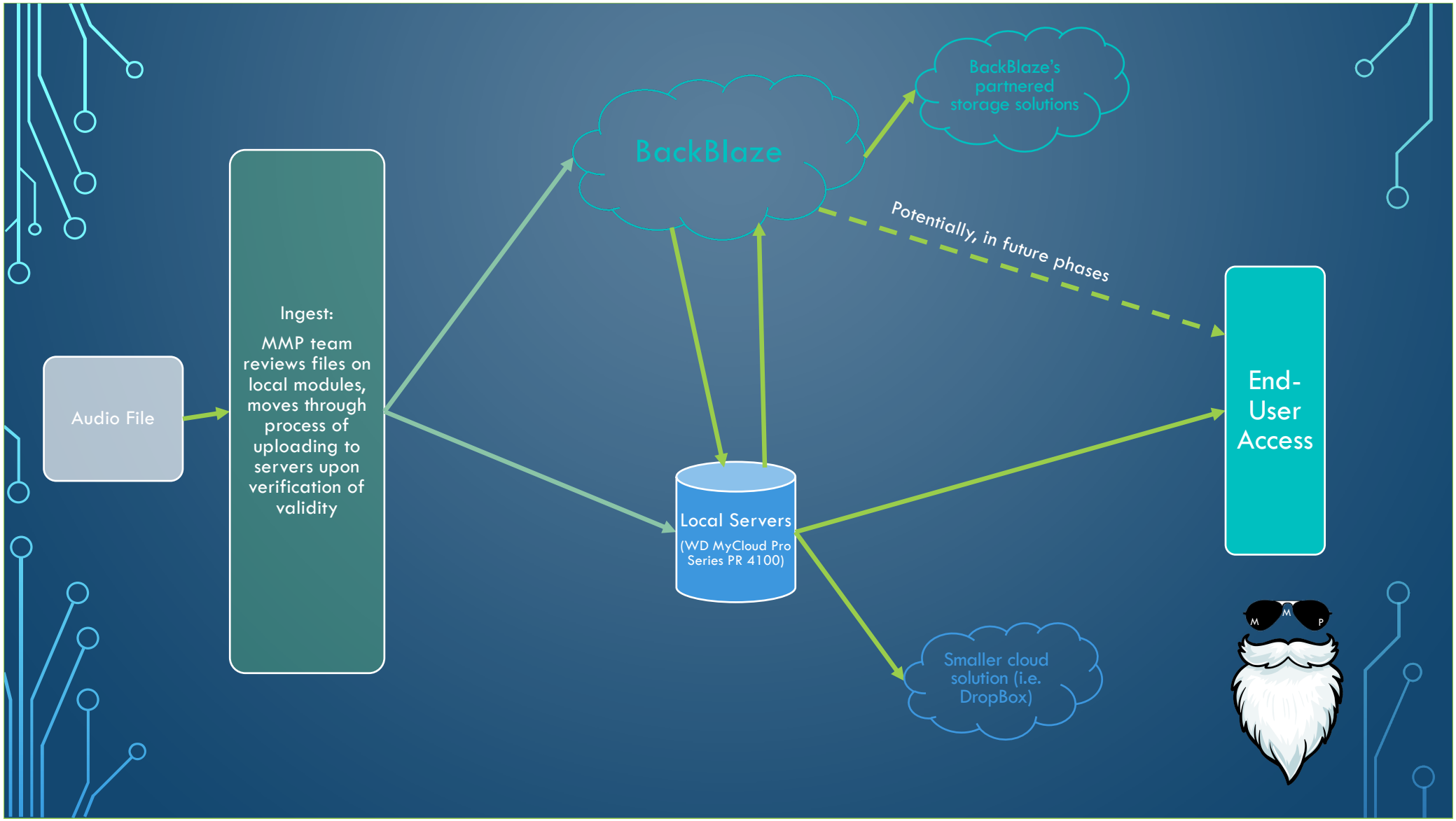
LEVEL 1

Storage

- Multiple servers, but close proximity (multiple in single location(s))

Data Integrity

- No verified checksum procedure
- Cannot generate the metadata without content


Audio File
Ingest:
MMP team reviews files on local modules, moves through process of uploading to servers upon verification of validity
BackBlaze
BackBlaze's partnered storage solutions
Potentially, in future phases
Local Servers
(WD MyCloud Pro Series PR 4100)
End-User Access
Smaller cloud solution (i.e. DropBox)

SOURCES

- *Backblaze B2 Cloud Storage*. (n.d.). Retrieved June 2, 2020, from https://www.backblaze.com/b2/cloud-storage.html
- *Backblaze Business Backup*. (n.d.). Retrieved June 2, 2020, from https://www.backblaze.com/business-backup.html
- *Best audio format file types | Adobe*. (n.d.). Retrieved June 2, 2020, from https://www.adobe.com/creativecloud/video/discover/best-audio-format.html
- Comparison of audio coding formats. (2020). In *Wikipedia*. https://en.wikipedia.org/w/index.php?title=Comparison_of_audio_coding_formats&oldid=952371741
- *Levels of Digital Preservation*. (n.d.). National Digital Stewardship Alliance - Digital Library Federation. Retrieved June 2, 2020, from http://ndsa.org//publications/levels-of-digital-preservation/
- *My Cloud Pro Series PR4100*. (n.d.). Western Digital Store. Retrieved June 2, 2020, from https://shop.westerndigital.com/products/network-attached-storage/wd-my-cloud-pro-series-pr4100
- Phillips, M. (n.d.). *The NDSA Levels of Digital Preservation: An Explanation and Uses*. 7.
- *The 10 Most Common Audio Formats: Which One Should You Use?* (n.d.). MakeUseOf. Retrieved June 2, 2020, from https://www.makeuseof.com/tag/audio-file-format-right-needs/