



Notes

- CDN may need different approach?
 - NSF was AI suggested approach
 - Mount virtual storage and share over network

Service Overviews

- Auth
 - Handles authentication logic for API requests and also for front end applications.
 - Uses Active Directory with credentials → Calls AD Service
 - Logs/Audits login attempts
 - Constructs session user object
 - Passes back (expiring) JWT with a refresh token
- Email
 - Accepts simple parameters to compose NEOnet branded emails
 - Composable templates with Handlebars library
 - Logs/Audits
- Sync
 - Multiple resource sync logic
 - Employees
 - Users
 - Jobs
- DB Backup
 - Small module to handle backup logic
 - Likely calls scripts service
- Files
 - Handles file uploads
 - Verifies file formats and can do compression
 - Handles saving to file system
 - Converts to PDF
 - Extracts Text from existing PDFS
- Tasks
 - Cron job service
 - Schedule recurring tasks in a simple module
- Active Directory
 - Handle login by querying AD
 - Logic to findMany from AD
 - Logic to findOne from AD
 - Utility functions to parse:
 - Date
 - Timestamp
 - GUID
- Triggers
 - Webhook implementations
 - Exposes some type of process to being triggered
 - Used currently for rebuilds and git pulls
- Scripts
 - Executes any arbitrary script that the server can execute (Bash, Node, Python)
 - Any language script could be triggered, runtime just needs installed on server (Go, PHP, etc)
 - Returns the output of the script execution so application can handle return values
- Scrape
 - Web scraping service, used right now to retrieve jobs data from SchoolSpring