

NJSC «Medical university Astana»

## **IWS**

Theme: Information search in a specialty profile on the Internet, use of cloud services for storage and data processing.

Prepared by: Zhumadil Dariya  
Speciality: General medicine  
Group: 119  
Checked by: Baktiarova N.A.

Nur-Sultan 2019 y.



*If you're tired of running between work and home with a USB flash drive, carrying a laptop with the necessary files all the time, and you want your important files to be available to you or your team on any computer or mobile device, then cloud storage can come to your aid.*

# What is it?

Cloud data storage - an online storage model in which data is stored on numerous servers distributed on the network and provided for use by customers.



# The main advantage of the “cloud”

- The ability to access data from any computer with Internet access.
- You can always share files with friends by opening access or sending a link to the file.
- In the event of a device breakdown or loss, your files in the “cloud” will always remain safe and sound.



# The algorithm for working with any cloud application



1. Launch Play Market
2. Download the desired application application
3. Open and register if necessary.
4. After registration in the application, we go through the photos.
5. Turn on automatic synchronization



- Accessibility - “clouds” are accessible to everyone and everywhere where there is Internet and from any device where there is a browser
- Low cost - pay only the actual use of cloud resources by the user
- Flexibility - unlimited computing resources
- Reliability - specially equipped ones have additional power sources, resistance to DDOS attacks.
- Security - a high level of security with a competent organization.

- Software - the user cannot customize applications for himself
- Permanent connection to the network - to work with the "cloud" you need a constant connection to the network.
- Not all data can be trusted with a third-party Internet provider
- Not every application can save intermediate stages of processing at least on a flash drive

## **How Cloud Storage Works**

On all devices through which the client wants to have access to files, you will need to install special software (software that you will be kindly offered to download and install). It will copy the user-specified folders and files to the cloud storage and will monitor the changes to the files on the computer on which it is running. With various changes in the cloud-controlled folder, the software will automatically make similar changes to the cloud storage. That is, you can edit the file in the computer, and then, opening it in the laptop, it will always be the latest version. Accordingly, this procedure can be carried out in the completely reverse order. Thus, when connecting devices of each type to the cloud storage, the client gets the opportunity to always have the latest set of files on hand.

# Cloud Mail.Ru



Cloud Mail.Ru - cloud data storage of the Russian company Mail.Ru Group. Allows you to store music, videos, images and other files in the cloud and synchronize data on computers, smartphones or tablets, as well as share them with other Internet users. The service allows you to store up to 8 GB of information for free.



# Microsoft OneDrive



**Microsoft OneDrive**

Microsoft Corporation

Работа

Бестселлеры, № 4

УДАЛИТЬ

ОТКРЫТЬ

Есть платный контент

OneDrive (formerly SkyDrive) is a cloud storage service created in August 2007 and managed by Microsoft. OneDrive service allows you to store up to 5 GB of information for free.

# Google Photos



Google Photos

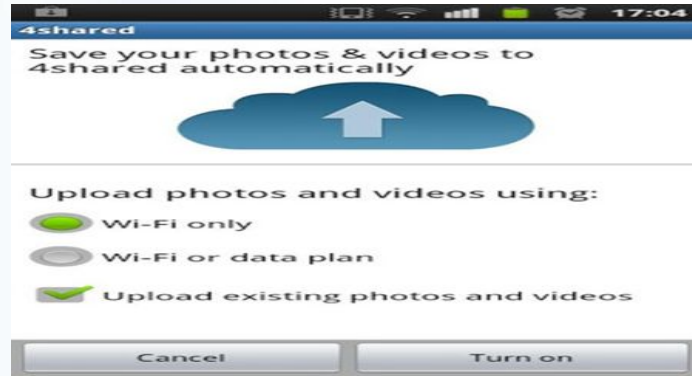
Google Photos is a new solution for working with photos and videos that meets the needs of today's users. Photos and videos are automatically uploaded to the cloud, organized and made available for search immediately after upload. You can quickly share them with anyone and not worry about running out of space on your device. The service allows you to store up to 15 GB of files for free.

# Amazon Web Services (AWS)



Amazon Web Services (AWS) is not just a cloud-based data warehouse, but a whole host of global services. For 12 months, you can test AWS for free.

# 4shared



4shared allows users to upload and download files. Basic registration allows you to upload up to 10 GB to your account. After registration is confirmed by e-mail, the volume increases to 15 GB. Premium users get 100 GB at their disposal. Users can leave a rating of files, comment on them. Each user has an individual custom page with his statistics.

## Conclusion

In conclusion, I want to point out that cloud data custodians are very necessary nowadays. This can be confirmed by a number of reasons: lack of hard disk space, not OS durability, “running around with a flash card”, and so on. In my work, it is indicated that cloud storage is a kind of online service that provides the ability to store files on a remote server. The work also indicates the pros and cons of these programs. The main plus is that there is access to your data from anywhere in the world where there is Internet access. The main disadvantage is security and confidentiality when transmitting or receiving data. My work talks about the most famous “clouds” and “cloud technologies.”

## References

1. D.Shynbekov,R.Uskenbayeva, V.Serbin “Information and communication technologies”
2. <https://school-herald.ru/ru/article/view?id=631>
3. <https://www.seagate.com/ru/ru/tech-insights/cloud-compute-and-cloud-storage-architecture-master-ti/>
4. <https://sibac.info/studconf/science/lxxiii/150227>
5. <https://sibac.info/studconf/science/lxxiii/150227>