

Рубежная работа 1

Вариант 3

Когда понадобится публичное облако, а когда частное?

Публичное облако рекомендуется использовать, когда:

1. Resource savings: When or if the organization wants to reduce infrastructure costs, as public clouds provide scalable, pay-as-you-go resources.
2. Flexibility and scalability: Quickly configure and scale resources without the need for physical expansion.
3. Availability: Geographically distributed data centers provide high availability.
4. Short-term projects: For example, when launching a campaign or testing a new development.

Частное облако необходимо, когда:

1. High security requirements: For critical data such as medical information or financial records.
2. Control and compliance with regulations: For example, in the banking or military sector, where there are strict requirements for data storage and access.
3. Specific infrastructure requirements: When an organization needs a unique configuration.
4. Constant workload: For long-term projects that require constant and reliable resources.

Рубежная работа 2

Вариант 3

В настоящий момент, особенно на западе, есть тренд и спрос на адаптацию контента для людей с ограниченными возможностями. Предложите облачные сервисы, которые могли бы помочь быстро адаптировать ваше приложение.

The following cloud services in my opinion can be used to adapt the application:

1. Text-to-speech translation and vice versa:
 - AWS Polly: For creating audio content from texts.
 - Google Cloud Text-to-Speech: Customizable voices and support for multiple languages.
2. Image processing for visually impaired users:
 - Azure Computer Vision: Object recognition, text recognition, and image description.
 - Google Cloud Vision API: Generating descriptions for images.
3. Speech recognition and subtitles:
 - AWS Transcribe: Create subtitles from audio recordings.
 - Google Speech-to-Text: Speech recognition for automatic generation of subtitles.
4. Accessibility analysis:
 - Google Lighthouse (via cloud functions): Checking the accessibility of the interface.
5. Adapting interfaces:
 - Azure Cognitive Services Personalizer: Customize the interface to meet individual needs.