

Name: Vadim Minchuk and Thuan Tran

SOAP VS REST

SOAP

- Exposes Components of application logics as services (back ends)
- Only has XML
- Built in error handling
- Stateless
- Language, platform independent

REST

- Defining a public API to access resources
 - Does not exposes back end to users => better secret
- Client-server architecture.
- Allows for more data format
- Has multiple operations: GET POST PUT DELETE
- More dynamic, offer caching
- Require use of HTTP

REST is more common. It is used by major services such as Yahoo, Ebay, Amazon and Google

Depends on what you want to do. REST is simpler. It facilitates client-server interactions. It consumes less bandwidth. The results can be cached, hence more efficient

SOAP makes it easier to operate across firewalls and proxies without modification to the SOAP protocol

There isn't a clear winner. Based on what you want to do, either SOAP or REST can be more efficient than the other