

الله أكبر

Iran National Information Network (IR-NIN)

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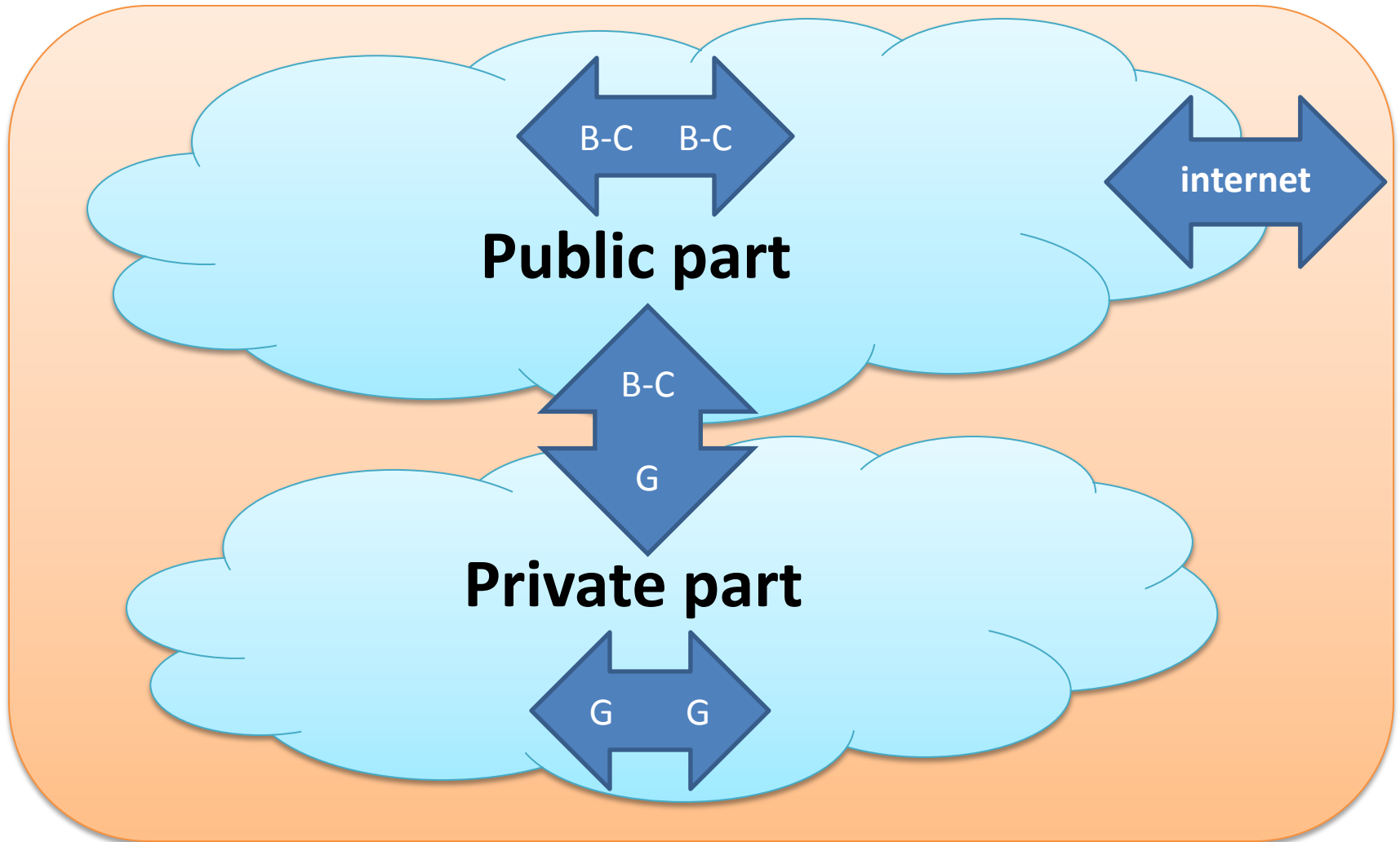
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Why IR-NIN?

- Internet users has been growth rapidly and Demand for access to the Internet has increased in Iran
- Emerging technologies and new applications and services in internet such as CDN, cloud computing and Multi media
- Technical Requirements for E-government and Interactive and e-services

IR-NIN

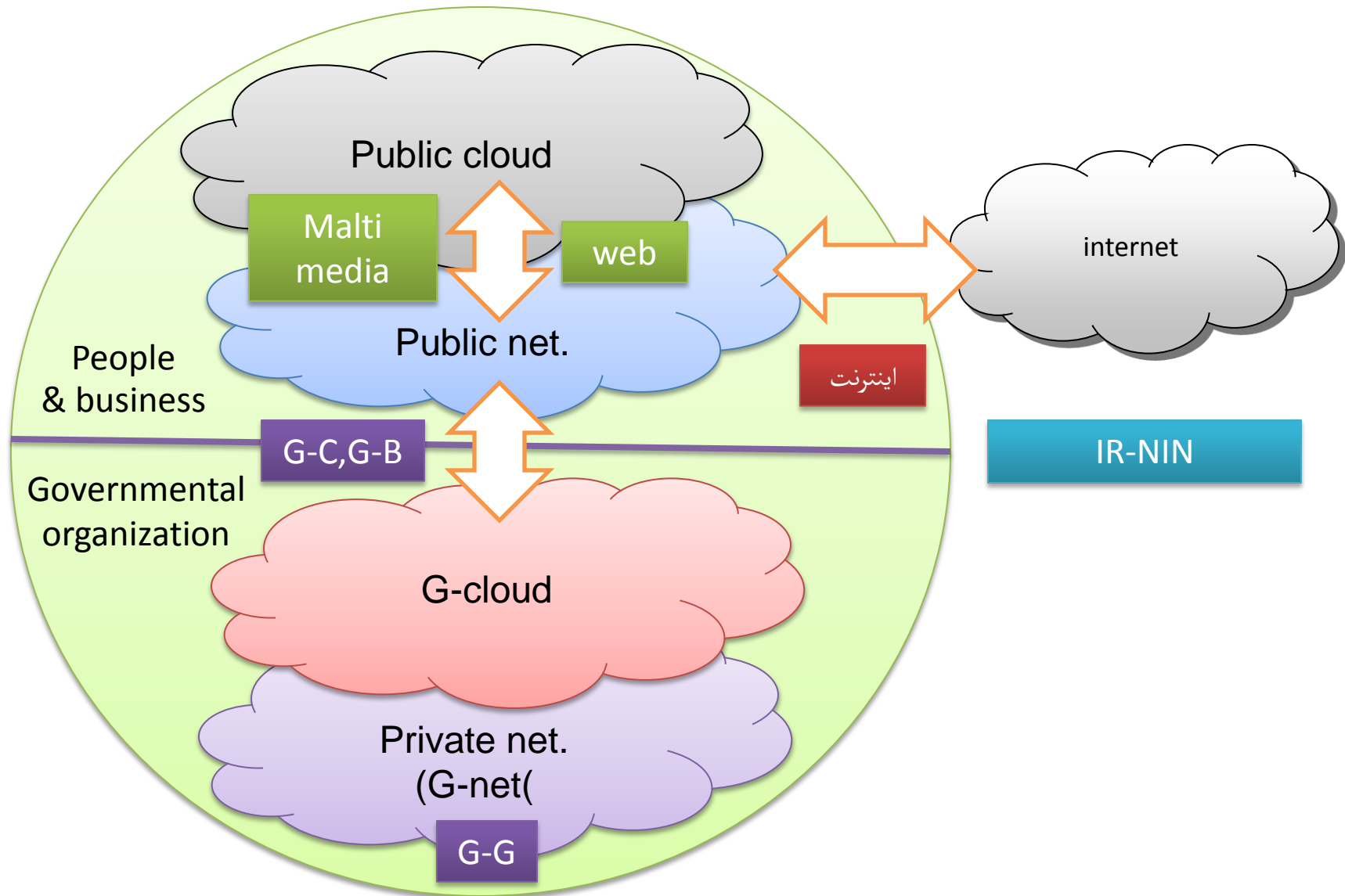
E-government infrastructure



IR-NIN model

- This network has two main Part :
 - Public part for delivering NIN services to public and business users
 - Private part for delivering NIN services to governmental users
- Each part of NIN has two layer:
 - Communication layer consists of core, Edge and access sub layer networks for delivering
 - Information layer consists of IDCs and Databases for delivering cloud computing services

IR-NIN Applications & services



IR-NIN Applications & services

- Private part
 - G-cloud services (IAAS,PAAS,SAAS) to provide E-government Technical requirement
 - Access private and secure Network
 - GSB Services to exchange information and web services between governmental organization
- Public part
 - Cloud computing services for general and commercial purpose
 - Access public broadband network to internet
 - Public services such as e-mail and search engine

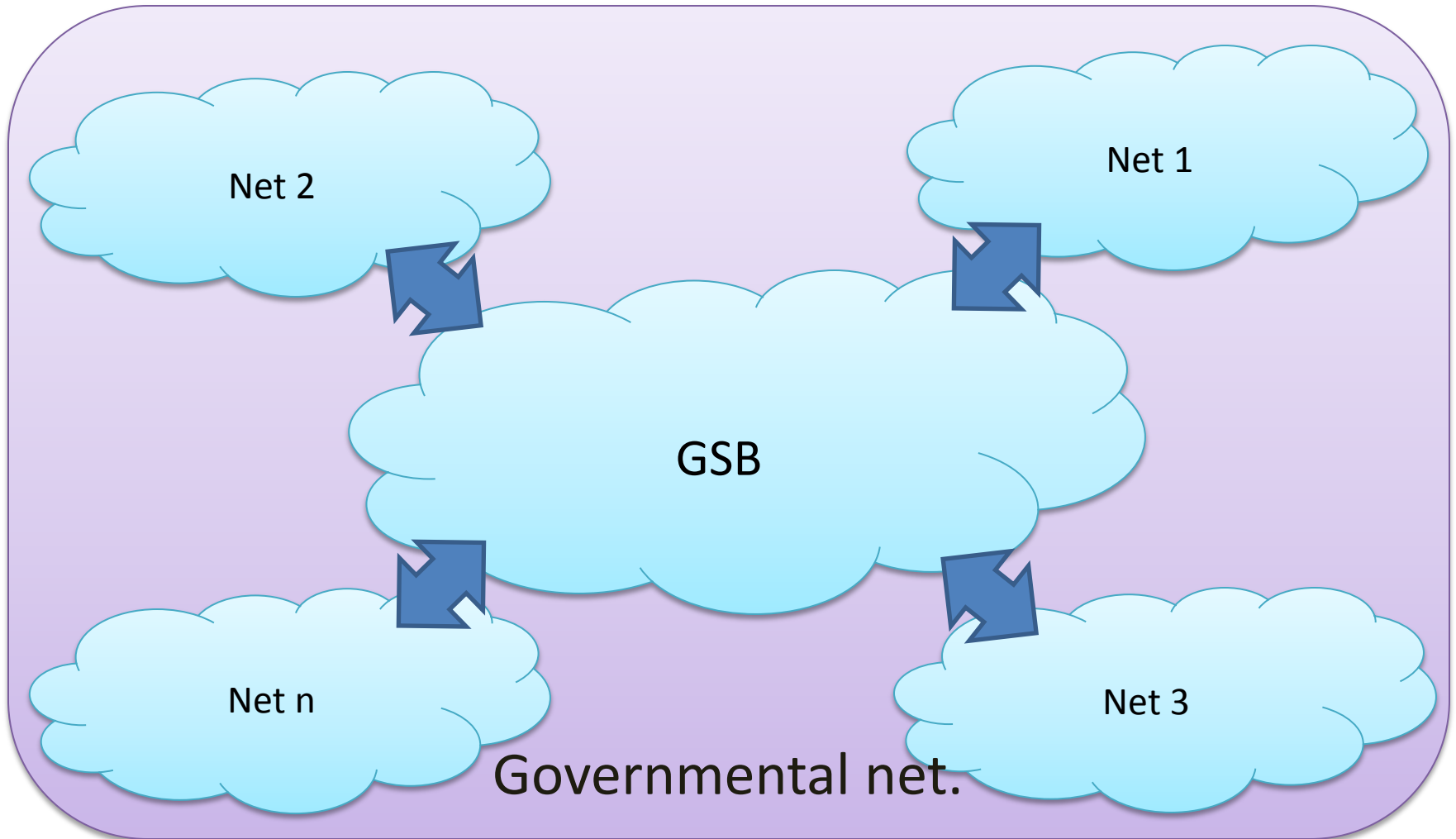
IR-NIN

IR-GSB(Government Service Bus)

- GSB is one of the main section in the private part of IR-NIN to Exchange Information and web services
- GSB has hardware and software layer and a typical GSB now design and implement as a pilot in Tehran and 10 ministries is connected to this.
- To planning and programming GSB we used IR-eGif

IR-NIN

IR-GSB(Government Service Bus)



Thank you for attention