class Hello Service: public Service { Registred Override on Create () }
Registred ( vegister Service Handler ( vegister Service Handler ( vegister Service Handler ) while creating) override on Bind the Service! Whether to register during ? onUnbind onBind Override override orRebird

ovenide on Destry

brivate class Service Hondler (message msg) S Notification Manager n n. register (msg) ontreate can be implicitly called so that ony app/activity can actually straight away call bird. If no such Service thread is created, then the bird function automatically creates the Service thread. Every app has used unbind. Then, on Destroy is called automatically. Background job would completely stop. Other apps which want to use it night notice that nothing has happened in the background.

Background jobs are run with weaker forwinty on the weaker/less powerful cores. They consume memory. It is possible that Android's framework aidistely stops on app from creating more services. You should not utilize Services for cintical work. Payment => Not as a service. Otherwise data might become inconsistent, which is indesirable A second schene of creating buckground tasks is to use Work Manager class and schedule tasks using it.

Services don't run in Theads. So with a lot of tests, they might become unresponsive.

(Small amount of computation per service).

Most services tend to use notifications and Snetwork resources/sensors Continuous access to these resources. Resources can be expensive to use; both monetary cost and power consumption. Minimize the amount of probes on the

Hw as much as possible

During mediation by the service, you can

coalesce/merge the requests:

across multiple apply including messages and emails. Cannot be done for any real-time application, (watching video or listing to audio)

=) they consume more power.

Can we move some computation of the Services into a server machine?? more the conjutation to a server, and thus some energy; on can it be useful? => Yes; it is often done; but suffers from bring challenges. () Is there something that can be done? Federated learning is one strategy. Latercy aspect > Services typically do not require very low latercy.

> Not very good for Snort phones are integrated with cloud services:

X86-64

ARM

Orchitecture

ARM

Orchitecture

Orchitecture

Orchitecture

OS (qualify of service) for wireless

networks

In the worst case; what is the minimum How is the problem of different architectures handled?

Translate machine code from ARM to x86-64.

Not in runtine > happen a proporci

Sphone's APK can activate a service on the cloud's version of APK.

Grougle Translate, etc.