Questions

# How many an android have power-saving modes?

Android has two power-saving features

# What are features of these two power-saving modes and how they save power?

The power-saving features that extend battery life for users by managing how apps behave when a device isn't connected to a power source.

* Define the role of Doze mode and App Standby?
* When does a device enter in Doze mode?
* What are two main task Doze mode do while it is active?
* In Doze mode which are four main task and android APIs which doze mode control?
* Explain Maintenance-Window in Doze mode?
* What are the restrictions the system applies to your apps while in Doze?
* What steps should a developer take to display a notification in Doze Mode?
* What steps should a developer take to display an alarm in Doze Mode?
* Many apps function normally across Doze cycles without modification but what are some cases in which its developer responsibility to set optimize the way for Doze Mode?
* Doze mode sometime restrict the network access how you can bypass it if you need it in Doze mode?
* How you can test your device on Doze mode and how to enter and exit from Doze?
* What is role of app standby regrading to the system?
* When does the app enter in standby condition and what are the condition which stop it from entering into standby?
* What happened to standby mode when user plugs the device into a power supply?
* Which firebase feature android recommend to interact with your app while the device is idle?
* Which firebase feature is optimized with Doze and Standby idle modes?
* What will be the behaviour of FCM in Doze and Standby modes in both scenario when priority is set high and normal?
* What does that mean that an app partially exempts from Doze and App Standby optimizations?
* What will be the behaviour of app when it is partially exempts from Doze and App Standby?
* What are ways the system provides for apps to ask users to exempt them from Doze and App Standby?
* How to check weather app is in exemption list?
* Why it is prohibiting apps from requesting direct exemption from Power Management features?
* How to test your app with Doze?
* What are use cases where app can directly request Exemption in Doze mode?