

# Captive portal API hackathon

IETF 106 - capport

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# Capport API: use-cases

## Usage information

Allow users to view how much time or data is left, possibly notify them when it runs out.


## Session management

Allow users to view details of their plan, and modify it (extend, upgrade/downgrade).

## AP-published information

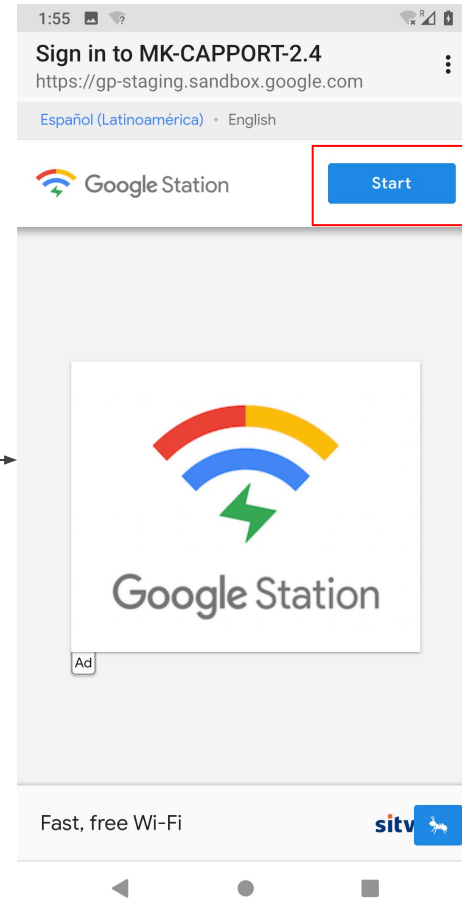
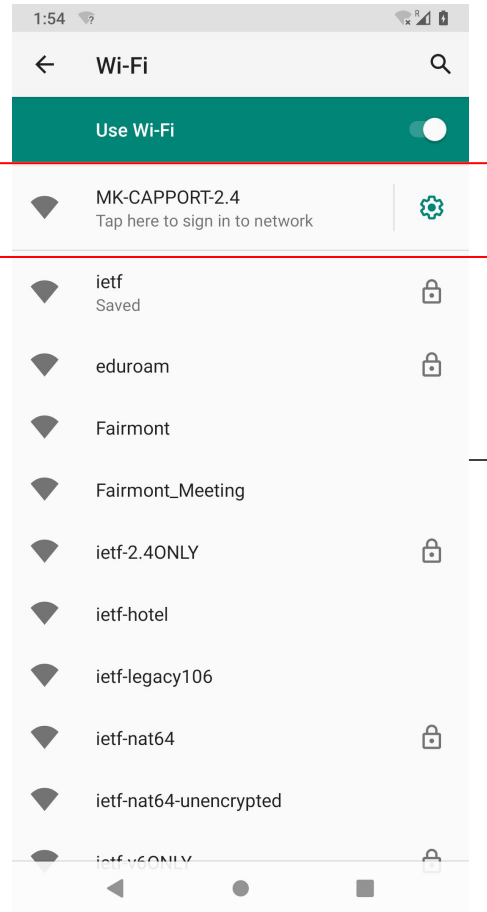
Allow users to view information published by the venue: in-flight entertainment, schedules & timetables, etc.

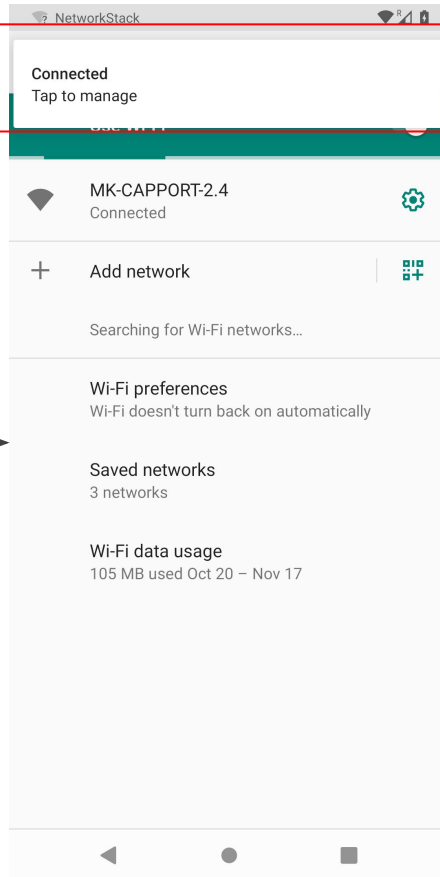
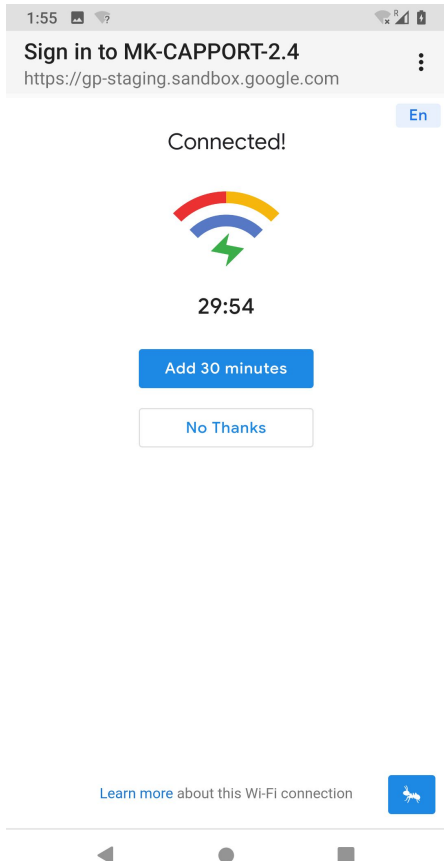
# General flow of demo

- Discover the API endpoint (DHCP / IPv6 RA / Link-Relation): implemented DHCP for demo
  - Probe endpoint to detect portal open/close, and to get session information
  - Show info in notification
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# Google Station CAPPORT support

- Enabled one of the network devices to support DHCP option that provided the CAPPORT URI.
- Enabled the webserver to provide the JSON with the required information for the client:
  - Detect if the client is in captive or not.
  - Captive portal page
  - Time left
  - Venue URL





# Wrap up

## Contacts

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## Code

<https://android-review.googlesource.com/dashboard/self>