

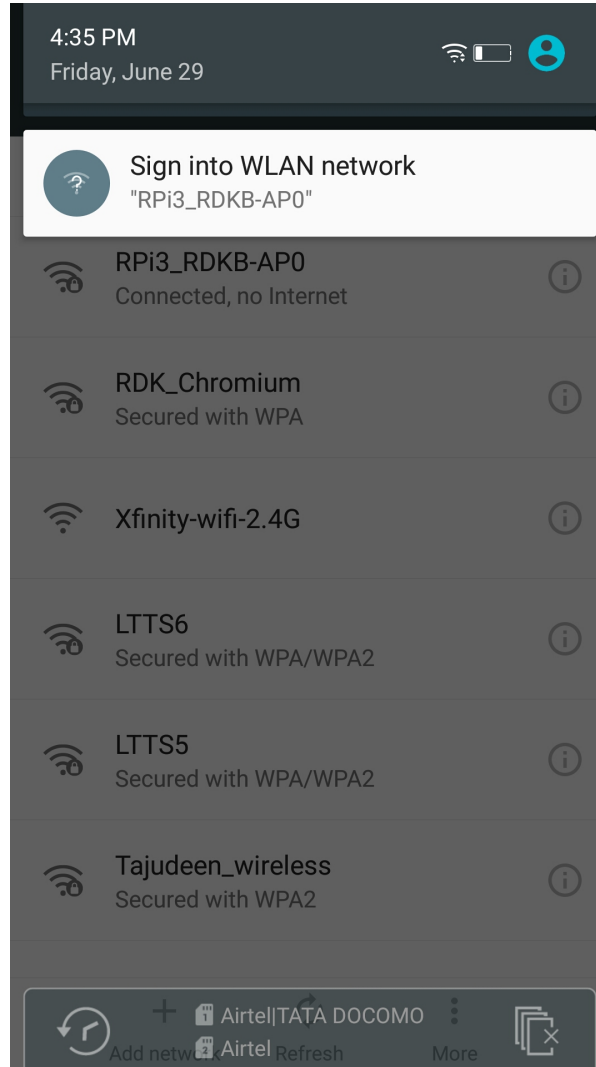
Captive Portal in R-Pi

Introduction

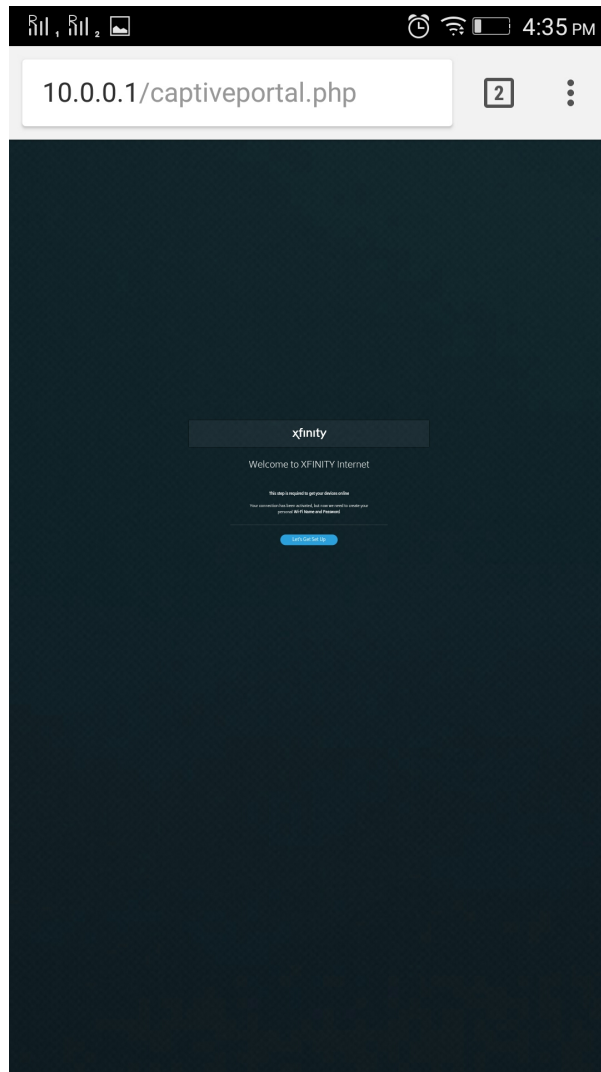
Captive portal provides user to configure their Wi-Fi SSID, credentials. Also redirects to Captive portal page on fresh boot up and factory reset in such a way it should not have impact on the remote management access of webui

User Testing Process

- ☐ During fresh boot up or an factory reset, the user should associate with R-Pi G/W network
- ☐ Wi-Fi Access point broadcasting in client mobile



- ☐ Then in the client pc/ mobile, If the user tries to access any website url or webui then the browser will have the captive portal page redirected as shown below
- ☐ Captive Portal page in client mobile



☐ Enabling and Disabling the captive portal using dmcli command on fresh bootup

☐

```
root@RaspberryPi-Gateway:~# dmcli eRT getv Device.DeviceInfo.X_RDKCENTRAL-COM_CaptivePortalEnable
CR component name is: eRT.com.cisco.spvtg.ccsp.CR
subsystem_prefix eRT.
getv from/to component(eRT.com.cisco.spvtg.ccsp.pam): Device.DeviceInfo.X_RDKCENTRAL-
COM_CaptivePortalEnable
Execution succeed.
Parameter      1 name: Device.DeviceInfo.X_RDKCENTRAL-COM_CaptivePortalEnable
                type:      bool,      value: true
```

```
root@RaspberryPi-Gateway:~# dmcli eRT setv Device.DeviceInfo.X_RDKCENTRAL-COM_CaptivePortalEnable bool
false
CR component name is: eRT.com.cisco.spvtg.ccsp.CR
subsystem_prefix eRT.
setv from/to component(eRT.com.cisco.spvtg.ccsp.pam): Device.DeviceInfo.X_RDKCENTRAL-
COM_CaptivePortalEnable
Execution succeed.
```

```
root@RaspberryPi-Gateway:~# dmcli eRT getv Device.DeviceInfo.X_RDKCENTRAL-COM_CaptivePortalEnable
CR component name is: eRT.com.cisco.spvtg.ccsp.CR
subsystem_prefix eRT.
getv from/to component(eRT.com.cisco.spvtg.ccsp.pam): Device.DeviceInfo.X_RDKCENTRAL-
COM_CaptivePortalEnable
Execution succeed.
Parameter      1 name: Device.DeviceInfo.X_RDKCENTRAL-COM_CaptivePortalEnable
                type:      bool,      value: false
```

