

# Click Through CP Test



2021-05-17-05:57:04

## Objective

- The Objective of CP Test is to verify Active Captive Portal Detection, Active Portal Tab, Incative Portal, Error Page.
- "CP page redirection failure" = Verify that all the clients redirected to Splash page successfully when trying to access an http page simultaneously from all clients.
- "CP page redirection time" = Verify that all the clients redirected to Splash page successfully within the expected time when accessed simultaneously.
- "Auth success" = Verify that all the clients got Success Splash page after authentication.
- "Auto redirection to webpage" = Verify that Clients gets redirected to configured redirection webpage after successful authentication.
- "Session retain" = Verify that CP session retains for all clients when client disconnect and connect backduring the active session.

## Test Setup Information

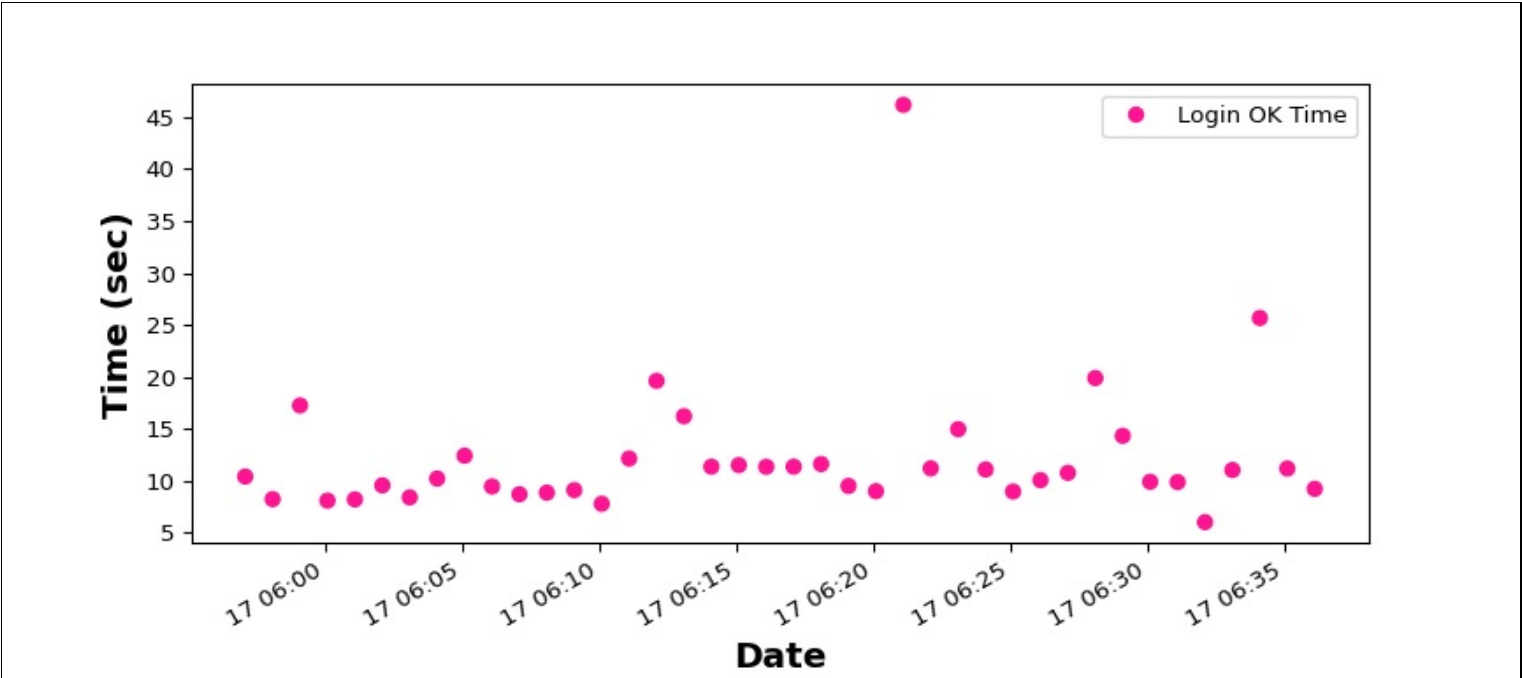
Device Under Test	SSID	IP	user	Number of Stations
	portal	192.168.215.49	admin	40

## Run CP Test on radio 2.4 GHz

The scenario gives the result of clients which is connected on 2.4 GHz radio.

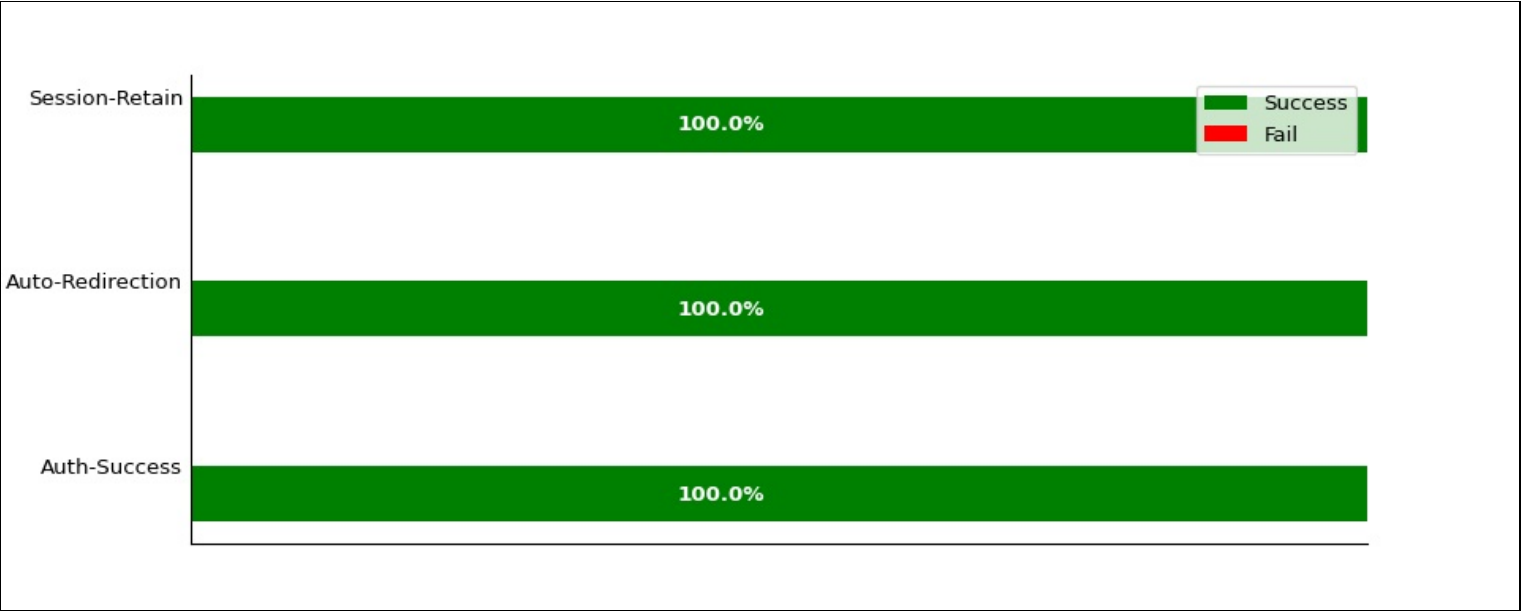
### CP Page Redirection Time

This graph shows the redirection time of all pass and fail clients.The time is calculated from the client get ip address to login successful/Failure page.



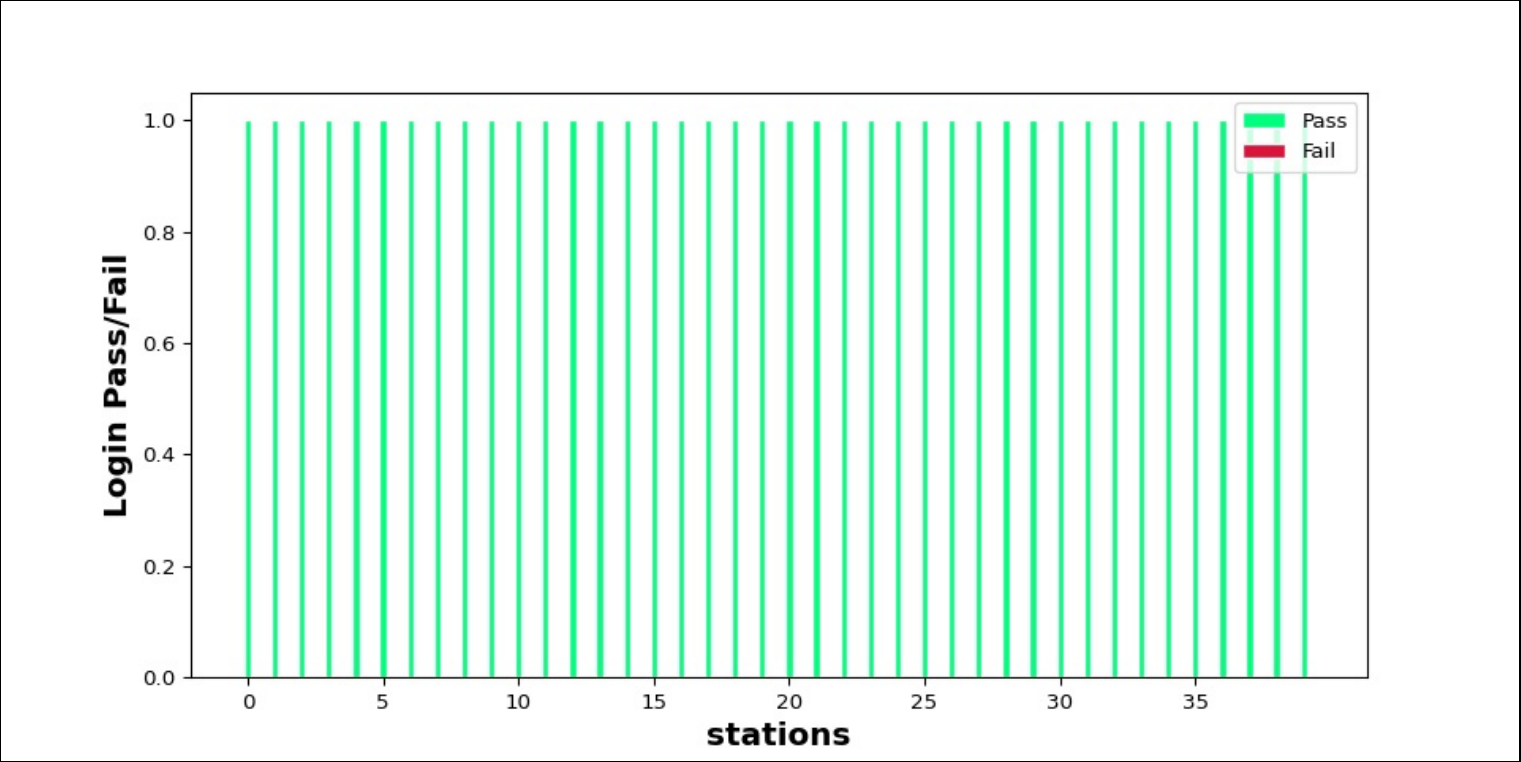
### All Pass/Fail Result

This graph shows the high level overview of all client results in percentage.



Auth Success/Fail Result

This graph shows which client is able/unable to get splash page after authentication.



Summary Table

This summary table gives the detail information of each station..

Station Name	Redirection Time (sec)	Auth Success	Auto-Redirection	Session-Retain
station-0	10.420	Pass	Pass	Pass
station-1	8.246	Pass	Pass	Pass
station-2	17.257	Pass	Pass	Pass
station-3	8.107	Pass	Pass	Pass
station-4	8.221	Pass	Pass	Pass
station-5	9.570	Pass	Pass	Pass
station-6	8.412	Pass	Pass	Pass
station-7	10.224	Pass	Pass	Pass
station-8	12.426	Pass	Pass	Pass
station-9	9.466	Pass	Pass	Pass

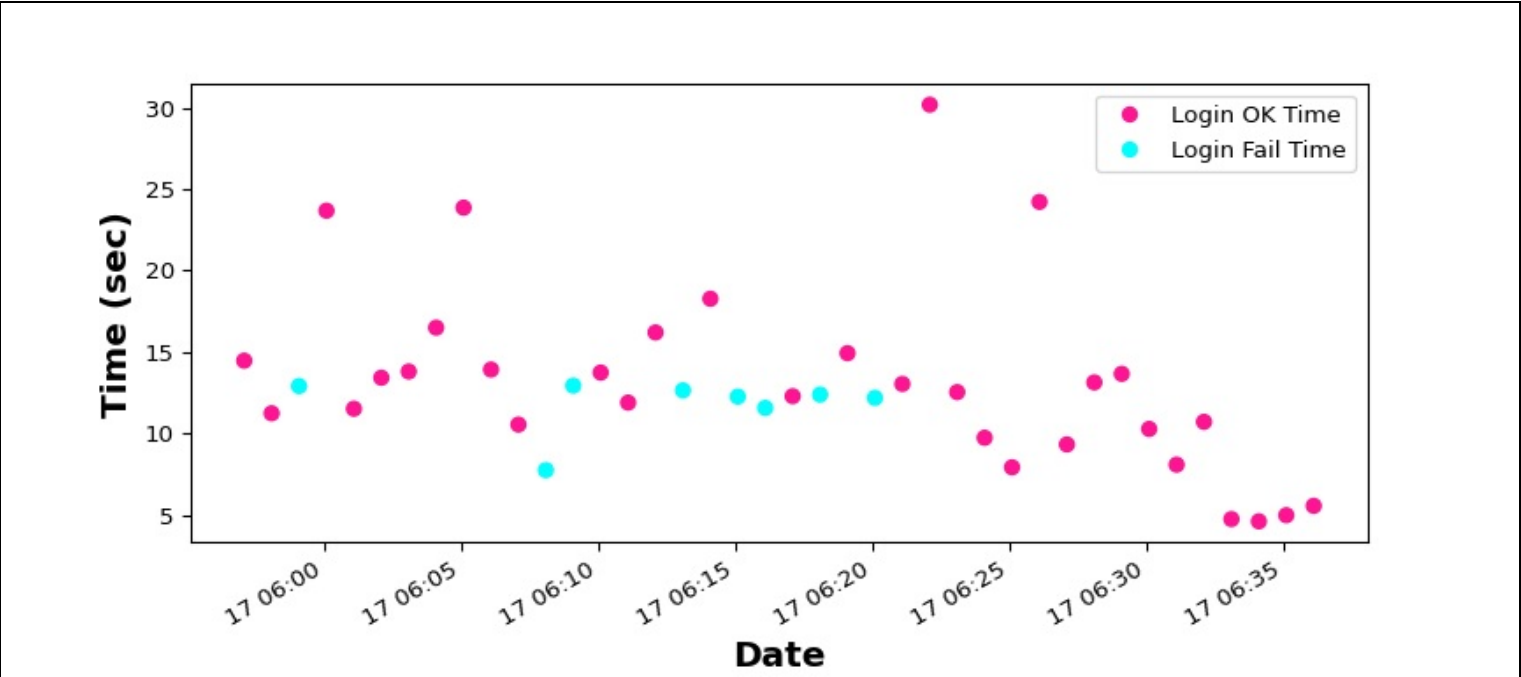
station-10	8.715	Pass	Pass	Pass
station-11	8.871	Pass	Pass	Pass
station-12	9.112	Pass	Pass	Pass
station-13	7.803	Pass	Pass	Pass
station-14	12.152	Pass	Pass	Pass
station-15	19.623	Pass	Pass	Pass
station-16	16.224	Pass	Pass	Pass
station-17	11.371	Pass	Pass	Pass
station-18	11.518	Pass	Pass	Pass
station-19	11.357	Pass	Pass	Pass
station-20	11.368	Pass	Pass	Pass
station-21	11.620	Pass	Pass	Pass
station-22	9.514	Pass	Pass	Pass
station-23	9.009	Pass	Pass	Pass
station-24	46.173	Pass	Pass	Pass
station-25	11.206	Pass	Pass	Pass
station-26	14.977	Pass	Pass	Pass
station-27	11.100	Pass	Pass	Pass
station-28	8.976	Pass	Pass	Pass
station-29	10.074	Pass	Pass	Pass
station-30	10.778	Pass	Pass	Pass
station-31	19.894	Pass	Pass	Pass
station-32	14.336	Pass	Pass	Pass
station-33	9.912	Pass	Pass	Pass
station-34	9.887	Pass	Pass	Pass
station-35	6.034	Pass	Pass	Pass
station-36	11.049	Pass	Pass	Pass
station-37	25.670	Pass	Pass	Pass
station-38	11.190	Pass	Pass	Pass
station-39	9.241	Pass	Pass	Pass

Run CP Test on radio 5 GHz

The scenario gives the result of clients which is connected on 5 GHz radio.

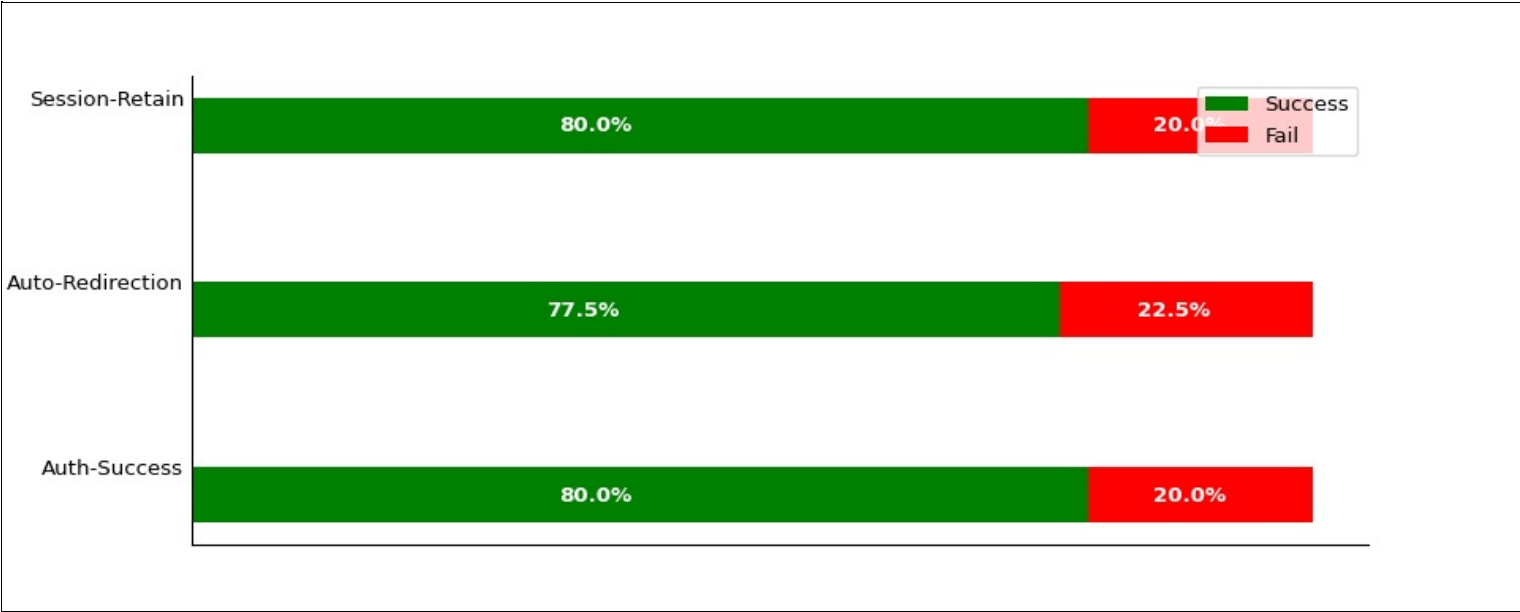
CP Page Redirection Time

This graph shows the redirection time of all pass and fail clients.The time is calculated from the client get ip address to login successful/Failure page.



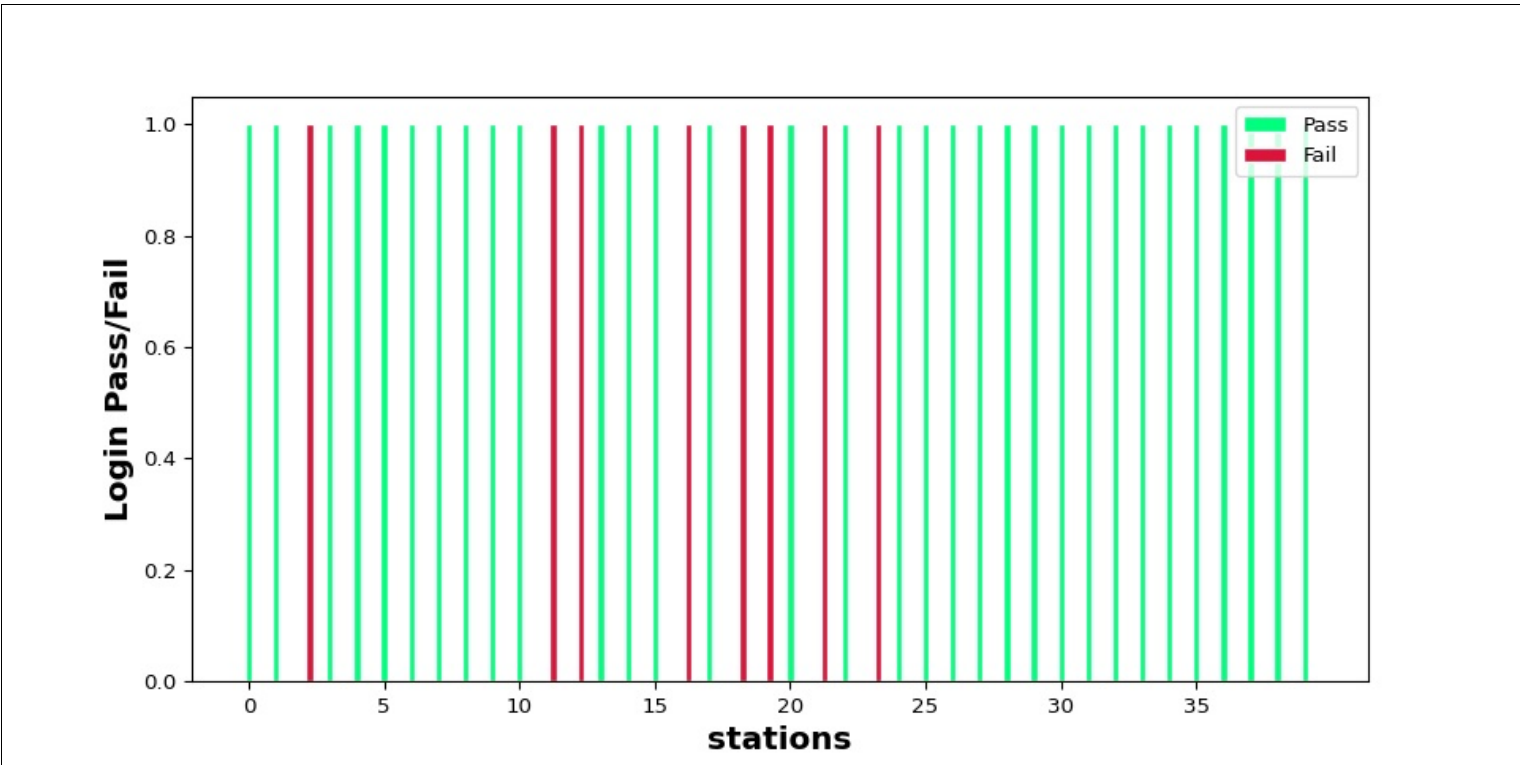
All Pass/Fail Result

This graph shows the high level overview of all client results in percentage.



Auth Success/Fail Result

This graph shows which client is able/unable to get splash page after authentication.



Summary Table

This summary table gives the detail information of each station..

Station Name	Redirection Time (sec)	Auth Success	Auto-Redirection	Session-Retain
station-0	14.474	Pass	Pass	Pass
station-1	11.246	Pass	Pass	Pass
station-2	12.914	Fail	Fail	Fail
station-3	23.676	Pass	Pass	Pass
station-4	11.524	Pass	Pass	Pass
station-5	13.427	Pass	Pass	Pass
station-6	13.809	Pass	Pass	Pass
station-7	16.498	Pass	Pass	Pass

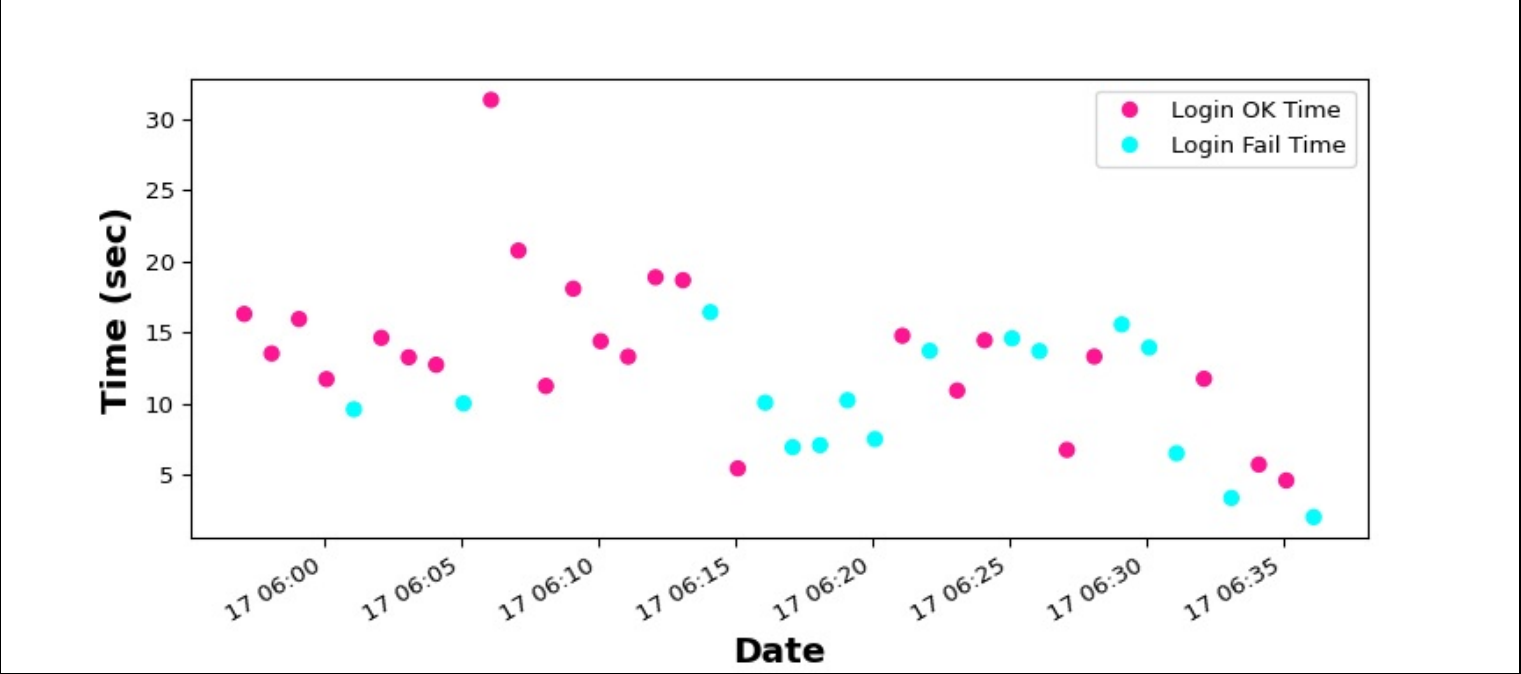
station-8	23.861	Pass	Pass	Pass
station-9	13.930	Pass	Pass	Pass
station-10	10.554	Pass	Pass	Pass
station-11	7.758	Fail	Fail	Fail
station-12	12.941	Fail	Fail	Fail
station-13	13.744	Pass	Pass	Pass
station-14	11.902	Pass	Pass	Pass
station-15	16.205	Pass	Pass	Pass
station-16	12.653	Fail	Fail	Fail
station-17	18.273	Pass	Pass	Pass
station-18	12.267	Fail	Fail	Fail
station-19	11.574	Fail	Fail	Fail
station-20	12.295	Pass	Pass	Pass
station-21	12.390	Fail	Fail	Fail
station-22	14.933	Pass	Pass	Pass
station-23	12.191	Fail	Fail	Fail
station-24	13.046	Pass	Pass	Pass
station-25	30.178	Pass	Fail	Pass
station-26	12.543	Pass	Pass	Pass
station-27	9.744	Pass	Pass	Pass
station-28	7.932	Pass	Pass	Pass
station-29	24.216	Pass	Pass	Pass
station-30	9.334	Pass	Pass	Pass
station-31	13.141	Pass	Pass	Pass
station-32	13.666	Pass	Pass	Pass
station-33	10.286	Pass	Pass	Pass
station-34	8.093	Pass	Pass	Pass
station-35	10.722	Pass	Pass	Pass
station-36	4.755	Pass	Pass	Pass
station-37	4.615	Pass	Pass	Pass
station-38	4.991	Pass	Pass	Pass
station-39	5.568	Pass	Pass	Pass

## Run CP Test on radio 2.4&5 GHz

The scenario gives the result of clients which is connected on 2.4&5 GHz radio.

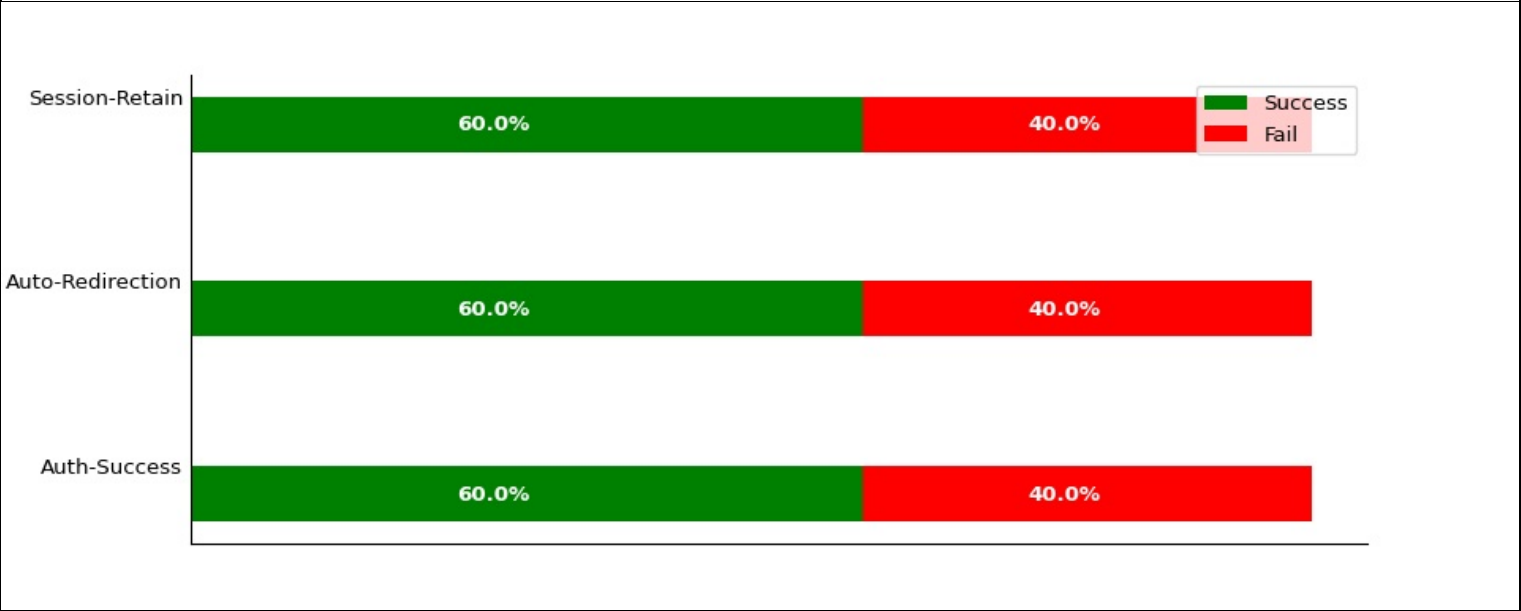
### CP Page Redirection Time

This graph shows the redirection time of all pass and fail clients.The time is calculated from the client get ip address to login successful/Failure page.



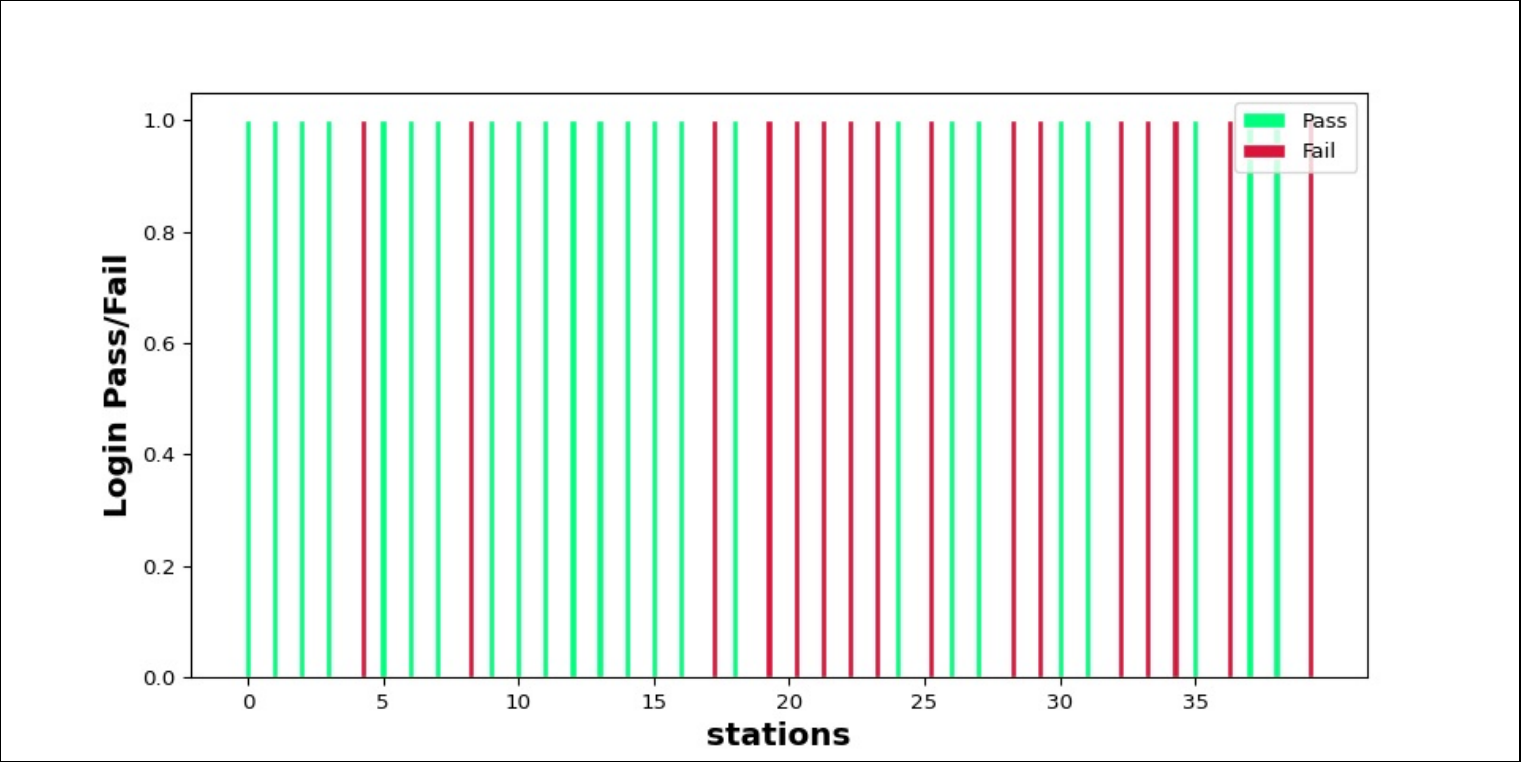
All Pass/Fail Result

This graph shows the high level overview of all client results in percentage.



Auth Success/Fail Result

This graph shows which client is able/unable to get splash page after authentication.



### Summary Table

This summary table gives the detail information of each station..

Station Name	Redirection Time (sec)	Auth Success	Auto-Redirection	Session-Retain
station-0	16.301	Pass	Pass	Pass
station-1	13.521	Pass	Pass	Pass
station-2	15.944	Pass	Pass	Pass
station-3	11.719	Pass	Pass	Pass
station-4	9.600	Fail	Fail	Fail
station-5	14.623	Pass	Pass	Pass
station-6	13.253	Pass	Pass	Pass
station-7	12.727	Pass	Pass	Pass
station-8	10.014	Fail	Fail	Fail
station-9	31.356	Pass	Pass	Pass
station-10	20.757	Pass	Pass	Pass
station-11	11.235	Pass	Pass	Pass
station-12	18.075	Pass	Pass	Pass
station-13	14.384	Pass	Pass	Pass
station-14	13.298	Pass	Pass	Pass
station-15	18.879	Pass	Pass	Pass
station-16	18.675	Pass	Pass	Pass
station-17	16.423	Fail	Fail	Fail
station-18	5.441	Pass	Pass	Pass
station-19	10.065	Fail	Fail	Fail
station-20	6.932	Fail	Fail	Fail
station-21	7.075	Fail	Fail	Fail
station-22	10.232	Fail	Fail	Fail
station-23	7.502	Fail	Fail	Fail
station-24	14.770	Pass	Pass	Pass
station-25	13.708	Fail	Fail	Fail
station-26	10.914	Pass	Pass	Pass
station-27	14.447	Pass	Pass	Pass
station-28	14.588	Fail	Fail	Fail
station-29	13.690	Fail	Fail	Fail
station-30	6.741	Pass	Pass	Pass
station-31	13.306	Pass	Pass	Pass

station-32	15.565	Fail	Fail	Fail
station-33	13.938	Fail	Fail	Fail
station-34	6.501	Fail	Fail	Fail
station-35	11.743	Pass	Pass	Pass
station-36	3.363	Fail	Fail	Fail
station-37	5.710	Pass	Pass	Pass
station-38	4.593	Pass	Pass	Pass
station-39	2.014	Fail	Fail	Fail

Total Test Duration : 0:21:02