

NetBeez Release 1.5

SSID Hopping

NetBeez Webinar



Webinar Agenda

- Release 1.5
- SSID Hopping
- Product Tour
- Q&A Session



NetBeez Release 1.5

- SSID Hopping
- Create target workflow
- Support for Iperf reverse option
- User defined timer for agent unreachable threshold
- User defined timer for WiFi disconnection threshold



Announcement Time!



NetBeez' New WiFi Beez!



Front



Back

WiFi monitoring sensor based on:

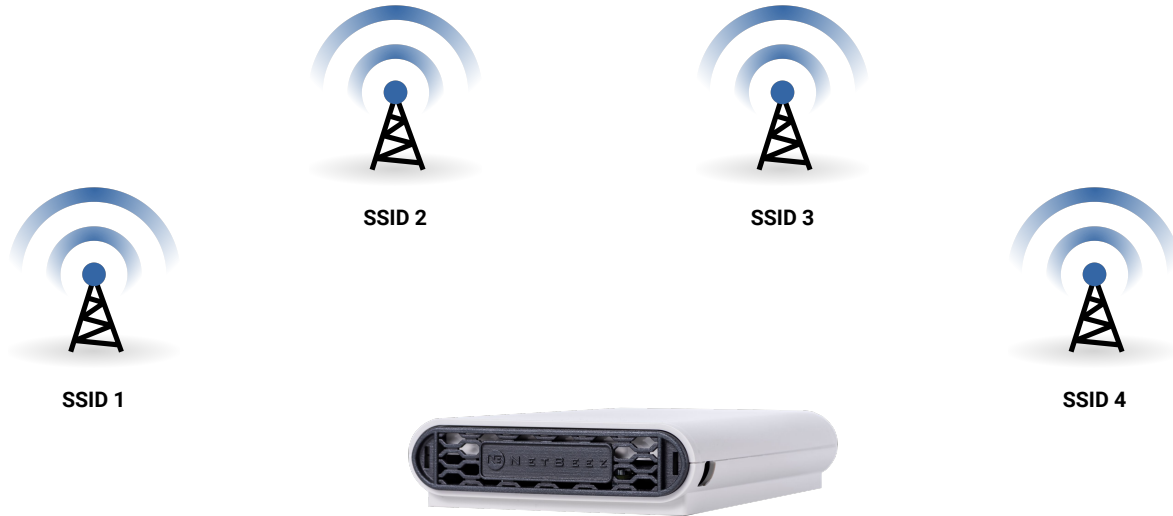
- Raspberry Pi 3B
- WiFi adapter 802.11ac
- PoE Support IEEE 802.3af

SSID Hopping Requirements

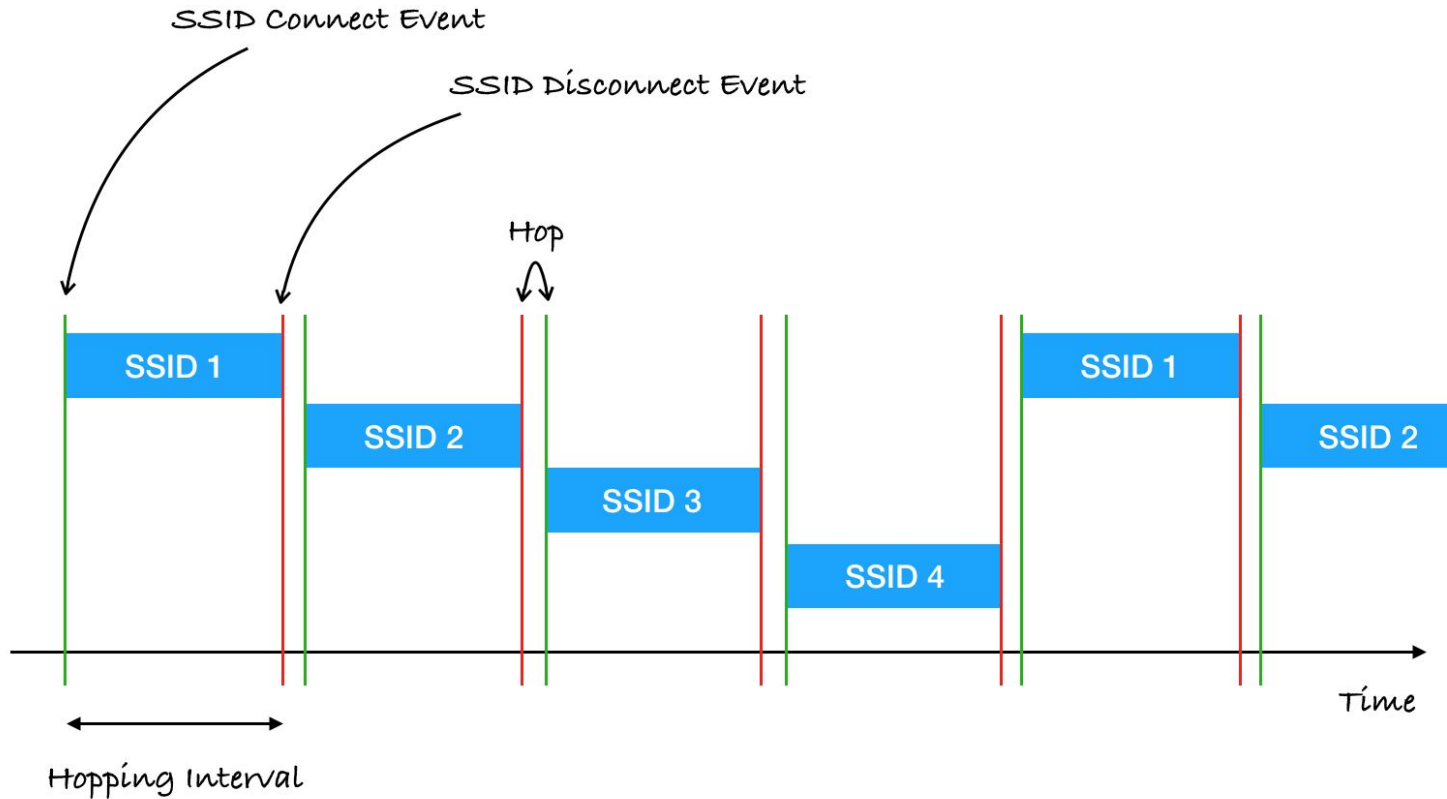
- Organizations broadcast more than one SSID, two at minimum
 - One for employees
 - One for guests
- Using one WiFi monitoring sensor per SSID is not feasible
 - The less hardware the better
 - Why not use the same hardware for all of your SSIDs?

SSID Hopping

SSID hopping enables a single WiFi monitoring sensor to test up to four SSIDs by regularly connecting to each one of them.



SSID Hopping Events



Hopping Groups

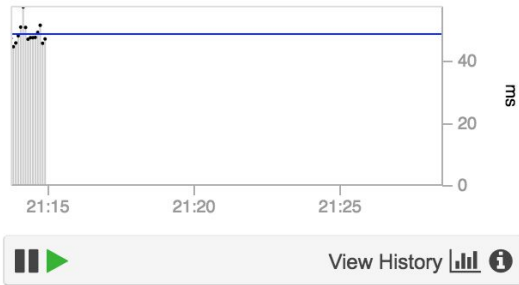
- WiFi Networks
 - Pre-configured on the NetBeez dashboard
 - Between 2 and 4 SSIDs
- Interval
 - From 5 minutes to 6 hours
 - Amount of time agents will monitor an SSID before hopping to the next one
- Select Agents
 - WiFi Beez
 - Exclusive assignment



Test Performance Profiles

- One single test will have many instances, one per SSID
- Connectivity and performance issues on one SSID are isolated

ping from wifi agent to www.google.com on SSID **netbeez**

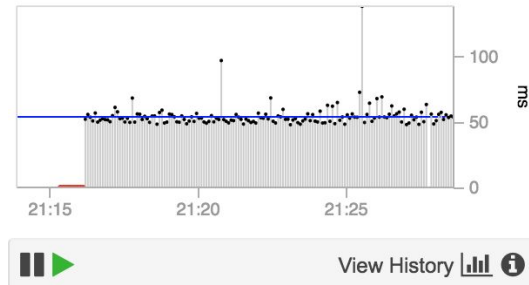


Test Avg: 48.642ms
% Failed: 0.000%

hop



ping from wifi agent to www.google.com on SSID **netbeez-guest**



Test Avg: 53.568ms
% Failed: 6.623%

SSID Hopping Demo



Q&A

