Configuring a Radius Networks beacon

If you plan to use a Radius Networks beacon in your IBM® Maximo® Worker Insights solution, you must first configure it by using the RadBeacon app from Radius Networks.

If you have multiple beacons, configure one beacon at a time.

Before you begin

Download the RadBeacon app from Google Play or the App Store.

Procedure

1. Turn the beacon on.

2. Place the beacon in configuration mode.

   - For the RadBeacon E4 beacon, push and hold the blue button inside the case. The green light flashes.

3. Open the RadBeacon app.

4. Scan for the RadBeacon.

   - For iOS, swipe down from the top of the empty beacon list.

   - For Android, tap **SCAN**.

5. Identify the beacon that you want to configure. The **ID** or **Address** corresponds to the MAC address that is stamped on your beacon.

   - **Note**: This MAC address is required when you identify the beacon on the IBM Maximo Worker Insights dashboard.

6. Select the beacon that you want to configure.

7. Configure the beacon's attributes.

   - Optional: Change the **Name**.

   - Set the **Type** to iBeacon. Make sure that the AltBeacon and EddyStone options are off.

8. Set the **UUID** field. You can set the **UUID** field manually, or you can tap **Generate UUID** to generate a random value.

   - **Note:** The UUID value is in the format aaaaaaaa-bbbb-xccc-yddd-eeeeeeeeeeee, where:

     - **a** is a hexadecimal value (0-9, a-f)

     - **b** is a hexadecimal value (0-9, a-f)

     - **x** is a digit value 1-5

     - **c** is a hexadecimal value (0-9, a-f)

     - **y** is a value 8, 9, a, or b

     - **d** is a hexadecimal value (0-9, a-f)

     - **e** is a hexadecimal value (0-9, a-f)

   - UUID example:

     - 905bc2b3-37e3-4e63-9448-04cc1b41fa5f

   - If you set the **UUID** field manually, you can use the following regular expression pattern to test your value online

with a tool such as https://regex101.com/:

- ^[0-9a-f]{8}-[0-9a-f]{4}-[1-5][0-9a-f]{3}-[89ab][0-9a-f]{3}-[0-9a-f]{12}$

9. Take note of the **MAJOR** and **MINOR** values or set new values.

   - **Note**: These values are required when you identify the beacon on the IBM Maximo Worker Insights dashboard.

10. Save your settings.

    - For iOS, tap **Actions** and then tap **Apply settings**.

    - For Android, tap **APPLY**.

11. If you are prompted for a password, and you did not change the beacon's password, refer to the Radius Network support site to determine the factory default PIN.

For more information about modifying beacon settings on a Radius Networks beacon, refer to the Modifying Beacon Settings article from the Radius Networks support site.

Next steps

Now that you know the MAC address, UUID, major, and minor values for your beacons, you can add them by using the IBM Maximo Worker Insights dashboard.