

# Webhook Push Record BioClock.id

Panduan URL WEBHOOK Pada Cloud Server **VPS/Hosting**

## I. CONTOH FUNCTION PHP INCOMING URL WEBHOOK

1. Download contoh url webhook yang sudah kami siapkan di menu “Support->Q&A Webhook Push Record” pada bioclock.id

**BioClock** Home Product Support Contact

Pada server sewa hosting VPS apakah perlu DDNS juga ?

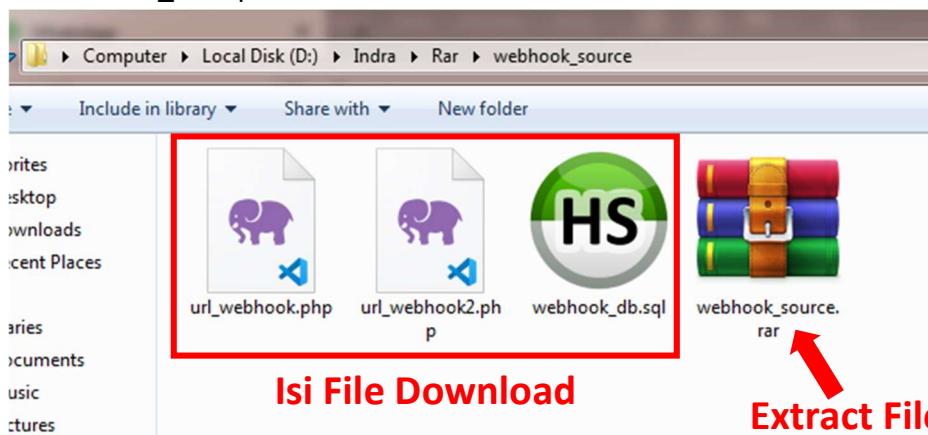
### Apakah ada contoh program PHP sebagai URL Webhook

Berikut contoh program PHP pada server penerima, url\_webhook.php

```
$dbkoneksi = mysqli_connect('localhost', 'root', '');
$dbopen1 = mysqli_select_db($dbkoneksi, 'webhook');
if ($dbopen1 == 1) {
    $json_result = stripslashes(file_get_contents('php://input'));
    $json = json_decode($json_result);
    if (empty($json)) {
        echo "OK";
    } else {
        $insert = mysqli_query($dbkoneksi, "INSERT card_hook (datajs) VALUES ('" . $json->datajs . "')");
        if ($insert) {
            echo "OK";
        } else {
            echo "ERROR";
        }
    }
}
```

Catatan :  
Setelah data JSON diterima, wajib dijawab "OK", jika tidak maka server bioclock.id akan terus mengirim berulang-ulang hingga dijawab "OK"  
Source program berikut database bisa [download disini](#)

2. File Download adalah “webhook\_source.rar”
3. Extract File “webhook\_source.rar” akan tampil 2 source code php “url\_webhook.php” dan 1 Database “webhook\_db.sql”



Isi file url\_webhook.php untuk test koneksi ke database sbb :

\*Ubah User, Password, dan nama Database sesuai yang digunakan pada Hosting/VPS anda

```
<?php
header("Content-Type:text/plain");
$dbkonek = mysqli_connect("localhost", "root", "");
$dbopen1 = mysqli_select_db($dbkonek, 'vps2023nov_bioschool');
if ($dbopen1 == 1) {
    $json_result = stripslashes(file_get_contents('php://input'));
    $arjson = json_decode($json_result);
    if (!empty($arjson)) {
        echo "OK";
        if ($arjson->biohook == 'clockreco') {
            // do something
        } elseif ($arjson->biohook == 'clockfoto') {
            // do something
        }
    } else {
        echo "EMPTY";
    }
} else {
    echo "ERROR";
}
```

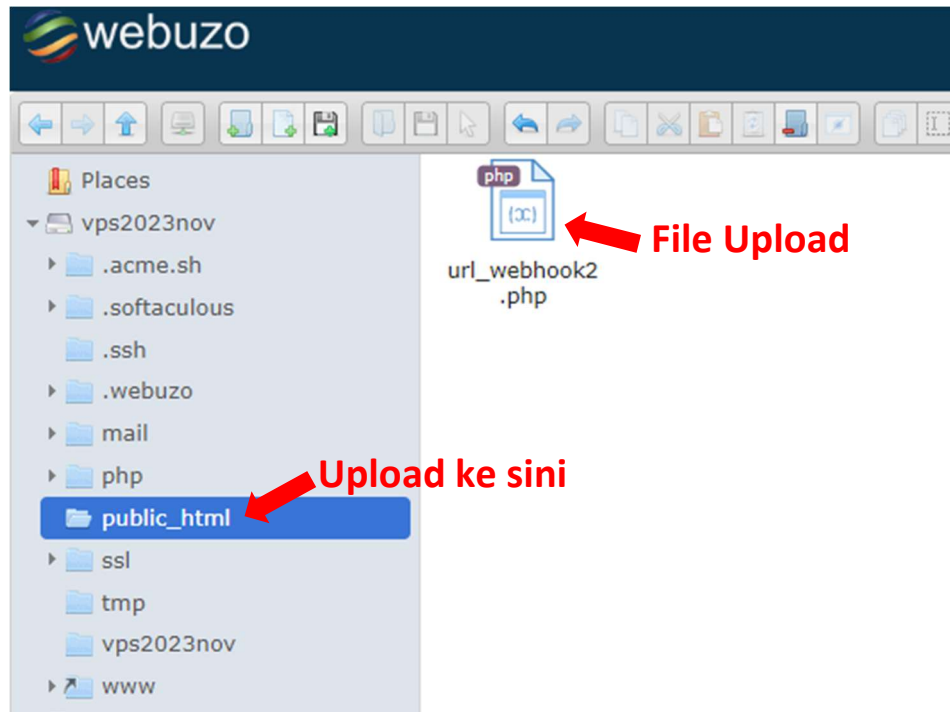
Isi file url\_webhook2.php untuk test koneksi dan tambah data yang dikirim ke database sbb :

\*Ubah User, Password, dan nama Database sesuai yang digunakan pada Hosting/VPS anda

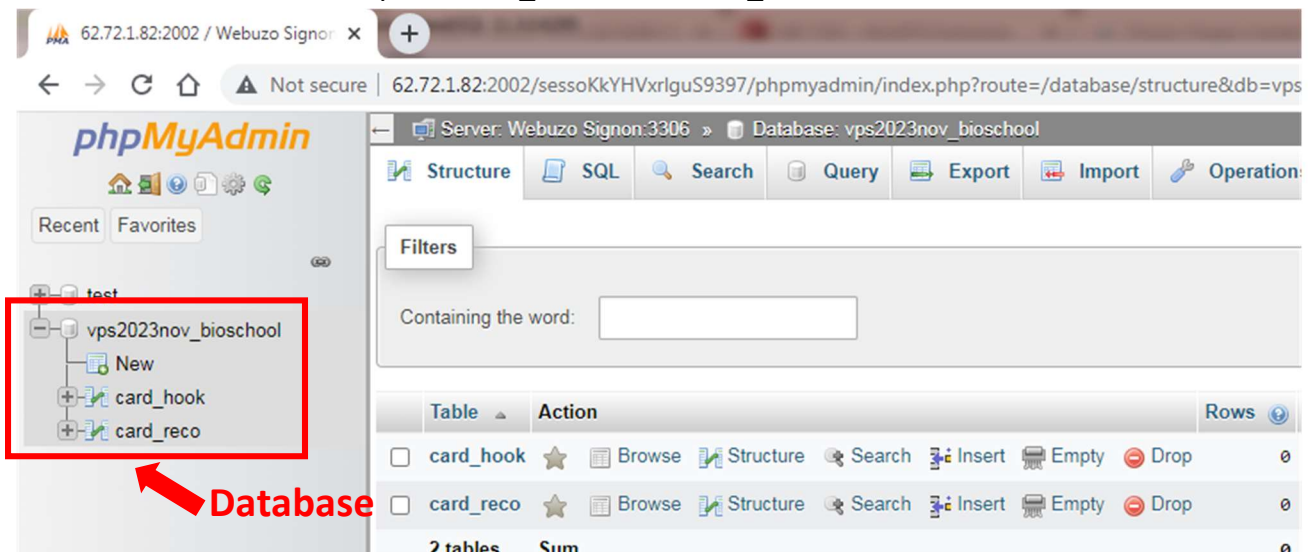
```
<?php
header("Content-Type:text/plain");
$dbkonek = mysqli_connect("localhost", "root", "");
$dbopen1 = mysqli_select_db($dbkonek, 'vps2023nov_bioschool');
if ($dbopen1 == 1) {
    $json_result = stripslashes(file_get_contents('php://input'));
    $arjson = json_decode($json_result);
    if (!empty($arjson)) {
        // send response OK immediately
        echo "OK";
        $insert = mysqli_query($dbkonek, "INSERT card_hook (datajs)
VALUES ('$json_result')");
        if ($arjson->biohook == 'clockreco') {
            // do something
            $creadt = date('Y-m-d H:i:s', time());
            $mesisn = $arjson->biopush->device;
            $tranid = $arjson->biodata->tran_id;
            $userid = $arjson->biodata->user_id;
            $dispm = $arjson->biodata->disp_nm;
            $trandt = $arjson->biodata->tran_dt;
            $statid = $arjson->biodata->stateid;
            $verify = $arjson->biodata->verify;
            $workco = $arjson->biodata->workcod;
            $ismask = $arjson->biodata->is_mask;
            $bodyte = $arjson->biodata->bodytem;
            $insert = mysqli_query($dbkonek, "INSERT card_reco
(create_dt,mesin_sn,tran_id,user_id,disp_nm,tran_dt,stateid,verify,workc
od,is_mask,bodytem) VALUES
('$creadt','$mesisn','$tranid','$userid','$dispm','$trandt','$statid','$
$verify','$workco','$ismask','$bodyte')");
        } elseif ($arjson->biohook == 'clockfoto') {
            // do something
        }
    } else {
        echo "EMPTY";
    }
} else {
    echo "ERROR";
}
```

## II. CARA PASANG FUNCTION URL WEBHOOK DI HOSTING/VPS

1. Upload file “url\_webhook2.php” ke Hosting/VPS anda dalam folder public\_html

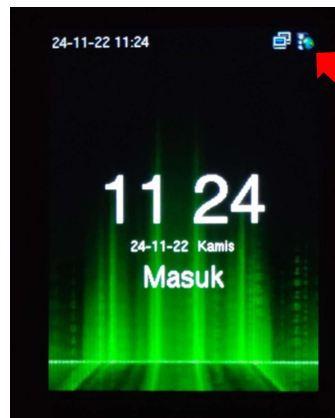
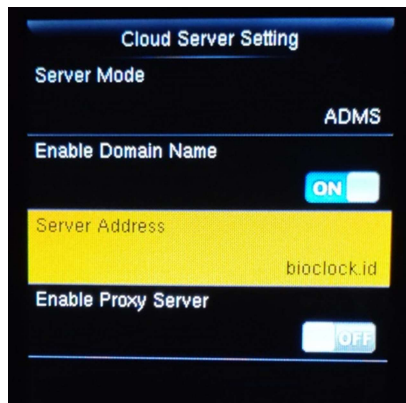


2. Load Database “webhook\_db.sql” pada Hosting/VPS anda
3. Database berisi 2 tabel yaitu “card\_hook” dan “card\_reco”



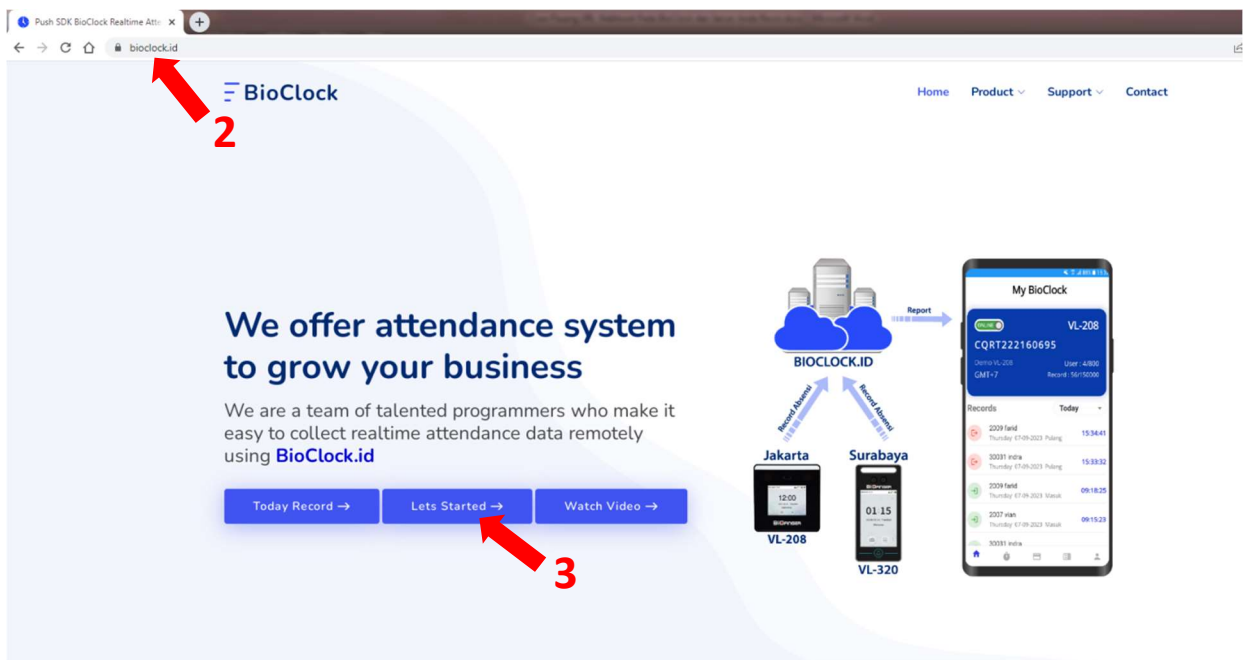
### III. CARA PASANG URL WEBHOOK PADA BIOCLOCK.ID

1. Pertama hubungkan mesin dengan bioclock.id:  
Masuk menu mesin, lalu isikan alamat cloud server : bioclock.id

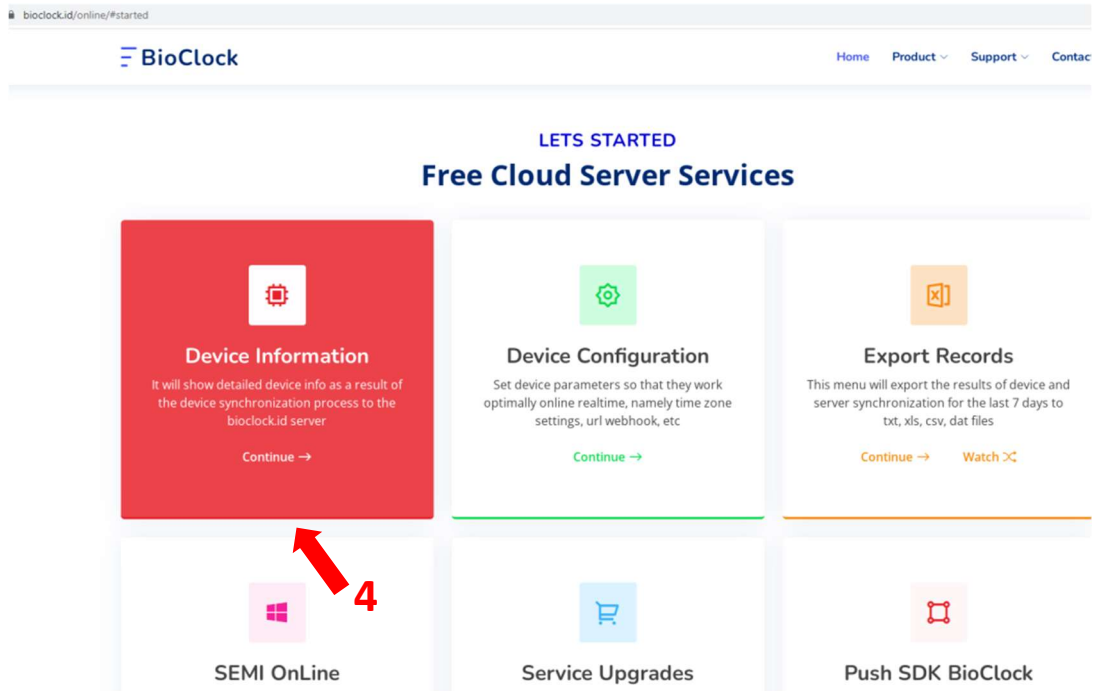


Icon ADMS  
Terhubung

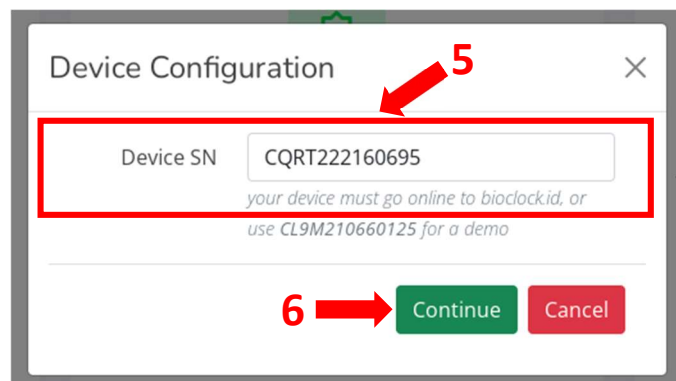
2. Selanjutnya buka browser, ketik alamat server : bioclock.id
3. Kemudian klik tombol "Lets Starter"



4. Klik tombol “Continue” pada menu “Device Information”



5. Isi SN Mesin : [Mesin milik anda]
6. Kemudian klik tombol “Continue”



7. Cek Menu “Last Synchron” menunjukan Tanggal dan Jam Sinkron Terakhir Mesin pada bioclock.id pastikan Jam dan Tanggal sesuai dengan waktu pada saat anda melakukan test

Device Information

Device SN

CQRT222160695

Brand Type

BIOFINGER VL-208

Verification

„2,,,5,,,9

Public IP

139.228.91.30

Local IP

192.168.1.105

Firmware

ZMM510-NF-Ver1.0.21

Push SDK

2.4.1

Device BioKey

KTCuOIKh/XPskyUum7Kjel8=

Last Synchron

15-01-2024 11:47

Record Age

60 Days

Last Record

138

Last User

5

Last Finger

0

Last Face

5

Last Palm

0

Invoice

Purchase Date

Order ID

Transaction

Amount (Rp)

Status

Virtual Account

Bank

Tutup

8. Kemudian klik tombol “Continue” pada menu “Device Configuration”

LETS STARTED

Free Cloud Server Services

Device Information

It will show detailed device info as a result of the device synchronization process to the bioclock.id server

Continue →

Device Configuration

Set device parameters so that they work optimally online realtime, namely time zone settings, url webhook, etc

8 → Continue →

Export Records

This menu will export the results of device and server synchronization for the last 7 days to txt, xls, csv, dat files

Continue → Watch >

SEMI OnLine

Download BioFinger Clock Software and Connection Driver to calculate attendance

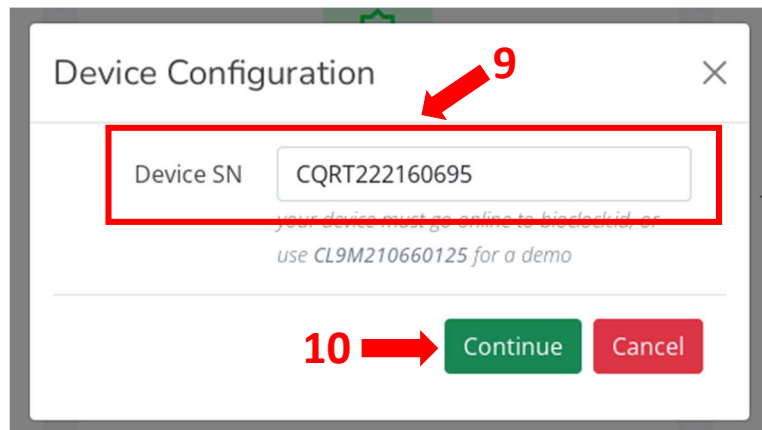
Service Upgrades

Buy professional service upgrades to maximize the performance and features of the

Push SDK BioClock

Communication between servers uses the HTTP protocol, the Push Webhook method

9. Isi SN Mesin : [Mesin milik anda]
10. Kemudian klik tombol "Continue"



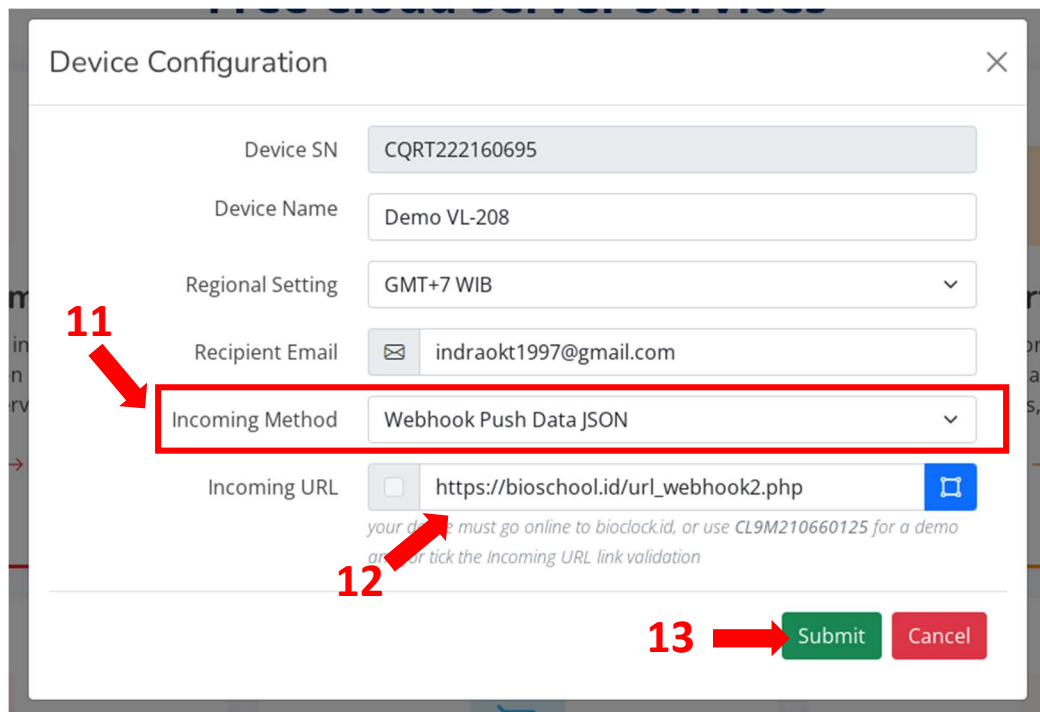
Device Configuration

Device SN: CQRT222160695

*your device must go online to bioclockid, or use CL9M210660125 for a demo*

Continue Cancel

11. Pilih Incoming Method menjadi "Webhook Push Data JSON"
12. Selanjutnya isi Incoming URL: [milik anda]  
Contoh Domain : [https://\(domain website anda\)/url\\_webhook2.php](https://(domain website anda)/url_webhook2.php)  
Contoh IP : [https://140.15.15.15/url\\_webhook2.php](https://140.15.15.15/url_webhook2.php)
13. Lalu klik tombol "Submit" untuk menyimpan



Device Configuration

Device SN: CQRT222160695

Device Name: Demo VL-208

Regional Setting: GMT+7 WIB

Recipient Email: indraokt1997@gmail.com

Incoming Method: Webhook Push Data JSON

Incoming URL: ☐ [https://bioschool.id/url\\_webhook2.php](https://bioschool.id/url_webhook2.php)

*your device must go online to bioclockid, or use CL9M210660125 for a demo and tick the Incoming URL link validation*

Submit Cancel



#### IV. CARA VERIFIKASI CENTANG BIRU ALAMAT INCOMING URL WEBHOOK

1. Buka kembali menu “Device Configuration” -> Isi SN Mesin
2. Kemudian klik “Tombol Biru” disamping kanan Incoming URL

Device Configuration

Device SN: CQRT222160695

Device Name: Demo VL-208

Regional Setting: GMT+7 WIB

Recipient Email: indraokt1997@gmail.com

Incoming Method: Webhook Push Data JSON

Incoming URL: ☐ https://bioschool.id/url\_webhook2.php

your device must go online to bioclock.id, or use CL9M210660125 for a demo and for tick the Incoming URL link validation

Submit Cancel

3. Pada Select Send Data Pilih “incoming datajson record kehadiran”
4. Kemudian klik tombol “Continue”

Incoming URL Test

Incoming Method: Webhook Push Data JSON

Incoming URL: https://bioschool.id/url\_webhook.php

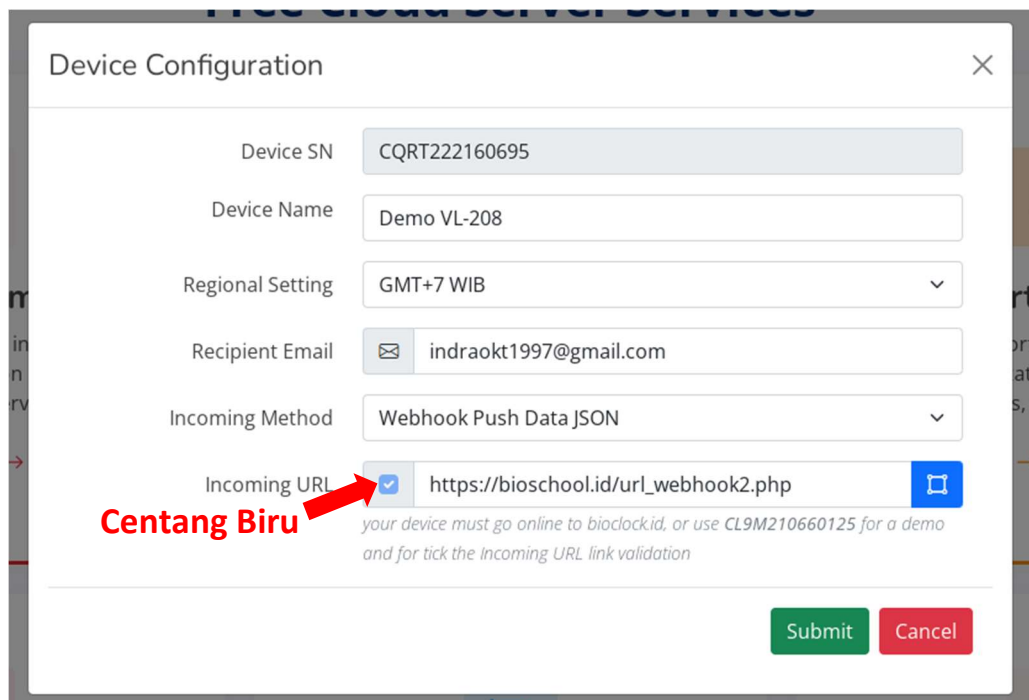
Incoming Email: indraokt1997@gmail.com

3 Select Send Data: incoming datajson attendance record

Format Data JSON: {"biohook": "clockreco", "biopush": {"device": "CQRT222160695", "bioke": ...}}

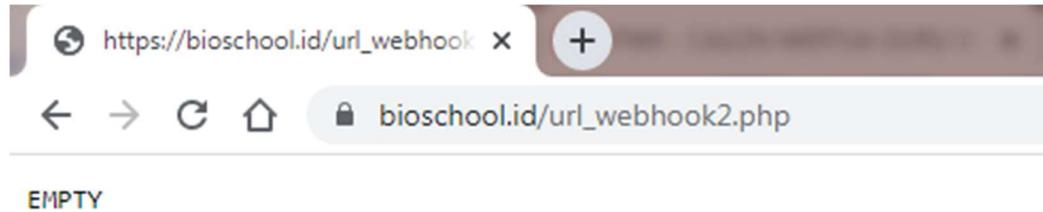
4 Continue Cancel

5. Jika data dapat diterima oleh URL Webhook, maka otomatis muncul centang biru di samping kanan Incoming URL, yang artinya alamat URL sudah valid untuk bisa berkomunikasi antar server

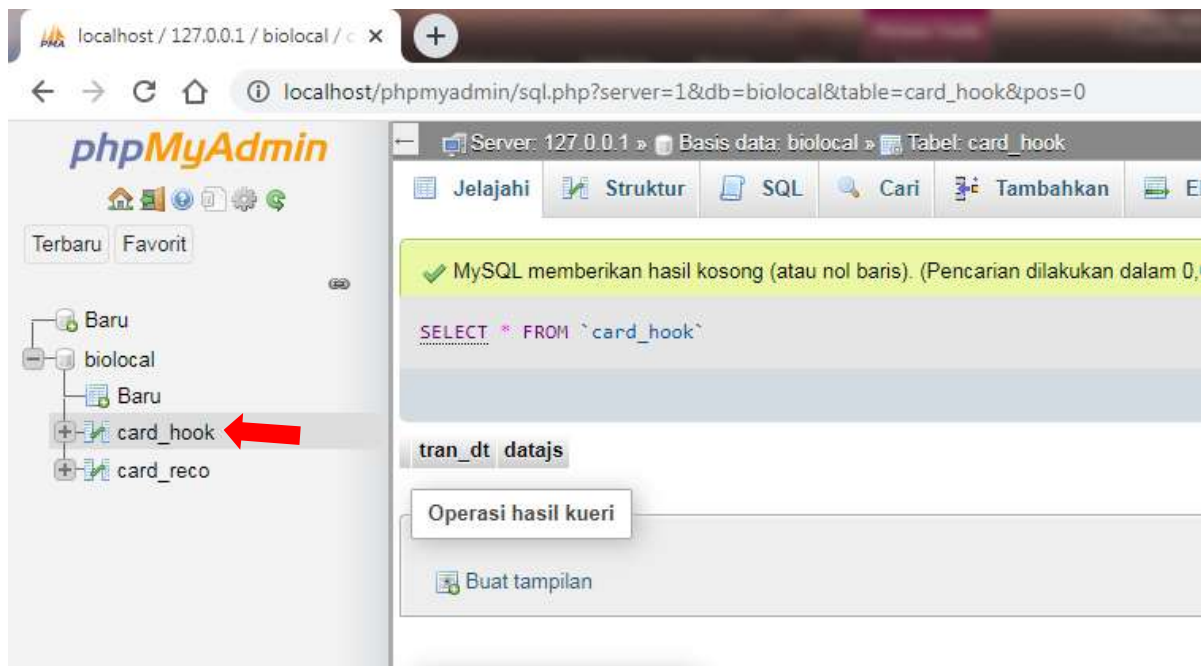
A screenshot of a "Device Configuration" form. The form has a title bar with a close button (X). It contains several input fields: "Device SN" with the value "CQRT222160695", "Device Name" with "Demo VL-208", "Regional Setting" with a dropdown menu showing "GMT+7 WIB", "Recipient Email" with an email icon and the address "indraokt1997@gmail.com", "Incoming Method" with a dropdown menu showing "Webhook Push Data JSON", and "Incoming URL" with a blue checkmark icon and the URL "https://bioschool.id/url\_webhook2.php". A red arrow points to the blue checkmark icon, with the text "Centang Biru" written in red. Below the "Incoming URL" field, there is a small note: "your device must go online to bioclock.id, or use CL9M210660125 for a demo and for tick the Incoming URL link validation". At the bottom right, there are two buttons: "Submit" (green) and "Cancel" (red).

## V. TESTING URL WEBHOOK PAKAI MESIN ABSENSI PADA SERVER SENDIRI

1. Pertama buka halaman website lokasi url\_webhook anda  
Contoh Domain : [https://\(domain website anda\)/url\\_webhook2.php](https://(domain website anda)/url_webhook2.php)  
Contoh IP : [https://140.15.15.15/url\\_webhook2.php](https://140.15.15.15/url_webhook2.php)  
\*Jika muncul “EMPTY” maka koneksi antara database dan file url berhasil



2. Cek isi tabel “card\_hook” pada database kosong belum ada data masuk



3. Buka kembali menu “Device Configuration” -> Isi SN Mesin
4. Kemudian klik “Tombol Biru” disamping kanan Incoming URL

Device Configuration

Device SN: CQRT222160695

Device Name: Demo VL-208

Regional Setting: GMT+7 WIB

Recipient Email: indraokt1997@gmail.com

Incoming Method: Webhook Push Data JSON

Incoming URL: ☒ https://bioschool.id/url\_webhook2.php

your device must go online to bioclockid, or use CL9M210660125 for a demo and for tick the Incoming URL link validation

Submit Cancel

5. Pada Select Send Data Pilih “incoming datajson record kehadiran”
6. Kemudian klik tombol “Continue”

Incoming URL Test

Incoming Method: Webhook Push Data JSON

Incoming URL: http://blokb6.homeip.net:8080/biolocal/url\_webhook.php

Incoming Email: biofinger.id@gmail.com

5 Select Send Data: incoming datajson attendance record

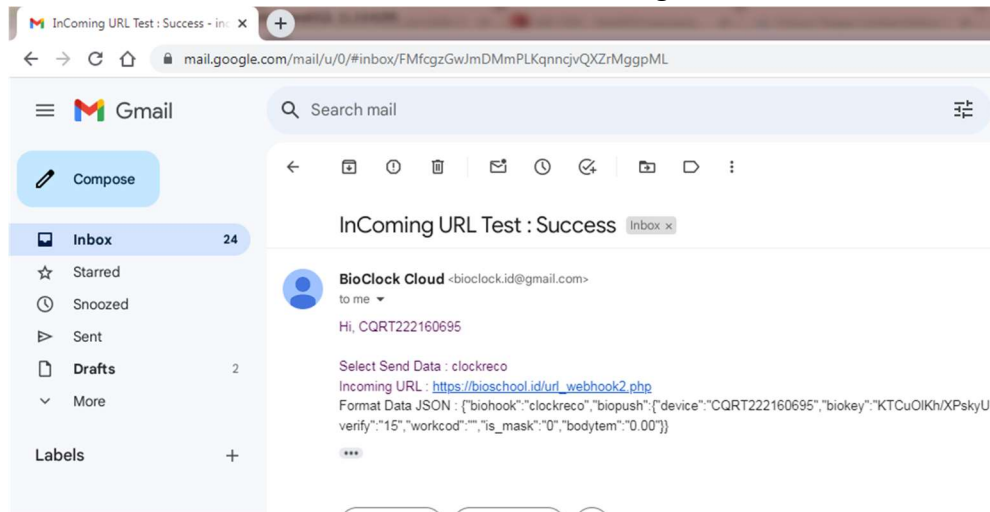
Format Data JSON: {"biohook": "clockreco", "biopush": {"device": "CL9M210660125", "bioke": ...}}

6 Continue Cancel

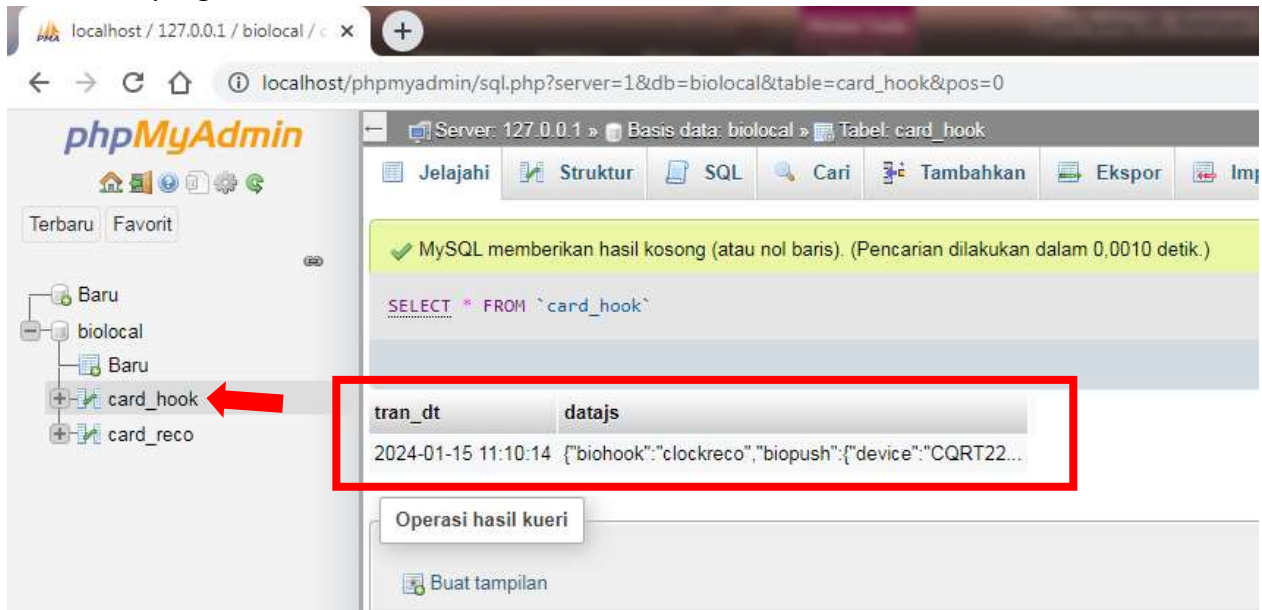
7. Jika data JSON dapat diterima oleh URL Webhook Server Anda, maka muncul popup “Sukses!”



8. Cek email akan ada notifikasi dari bioclock bahwa InComing URL Test Success



9. Selanjutnya cek kembali Database Server Anda pada table “card\_hook” akan ada data JSON dari mesin yang berhasil terkirim



10. Selesai