

Webhook Push Record BioClock.id

Panduan URL WEBHOOK Pada Server Linux **Localhost**

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 ?

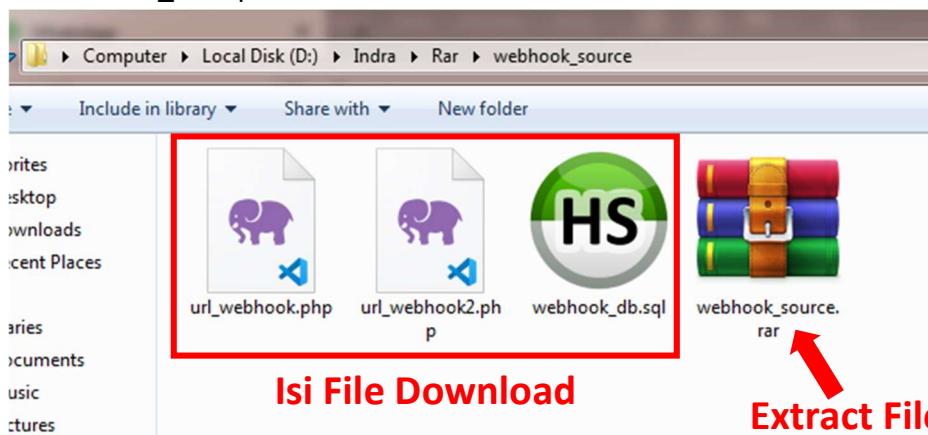
Apakah ada contoh program PHP sebagai URL Webhook

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 Server anda

```
<?php
header("Content-Type:text/plain");
$dbkonek = mysqli_connect("localhost", "root", "");
$dbopen1 = mysqli_select_db($dbkonek, 'biolocal');
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 Server anda

```
<?php
header("Content-Type:text/plain");
$dbkonek = mysqli_connect("localhost", "root", "");
$dbopen1 = mysqli_select_db($dbkonek, 'biolocal');
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 SETTING PORT FORWARDING MODEM ROUTER

1. Buka browser, ketik alamat modem/router : 192.168.1.1
2. Lakukan login, isi username dan password
3. Cari menu Dynamic DBS atau DDNS
4. Berikut cara settingnya :

Service Provider: Dyndns (dyn.com/dns) [Go to register...](#)

Domain Name:

Username:

Password:

Enable DDNS: ☒

Connection Status: Success

5. Tampilan pada modem/router merk lain :

WAN Connection Auto

Provider DynDNS

DDNS ☒ On ☐ Off

Provider URL

Username

Password

Host Name

6. Jika belum punya akun free Dynamic DNS silahkan buat dulu

7. Selajutnya adalah setting Port Forwading, berikut contohnya :

Service Port:	<input type="text" value="8080"/>	(XX-XX or XX)
IP Address:	<input type="text" value="192.168.1.135"/>	
Internal Port:	<input type="text" value="80"/>	(XX or keep empty. If it's empty, I
Protocol:	<input type="text" value="TCP"/>	▼
Status:	<input type="text" value="Enabled"/>	▼
Common Service Port:	<input type="text" value="---Please Select---"/>	▼

8. Incoming external port : 8080 (sesuai keinginan)

9. Forward to IP Address : 192.168.1.135

10. Forward to Internal Port : 80 (wajib)

11. Using Protocol : TCP

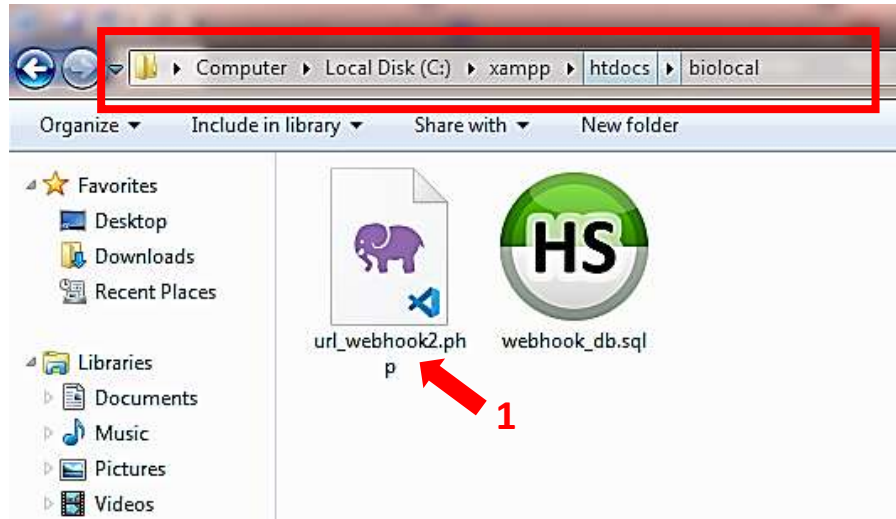
12. Tampilan pada modem/router merk lain :

Name	<input type="text" value="TESHOOK"/>
Protocol	<input type="text" value="TCP"/>
WAN Connection	<input type="text" value="INTERNET"/>
WAN Host IP Address	<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> ~ <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/>
LAN Host	<input type="text" value="192.198.1.135"/>
WAN Port	<input type="text" value="8080"/> ~ <input type="text" value="8080"/>
LAN Host Port	<input type="text" value="80"/> ~ <input type="text" value="80"/>

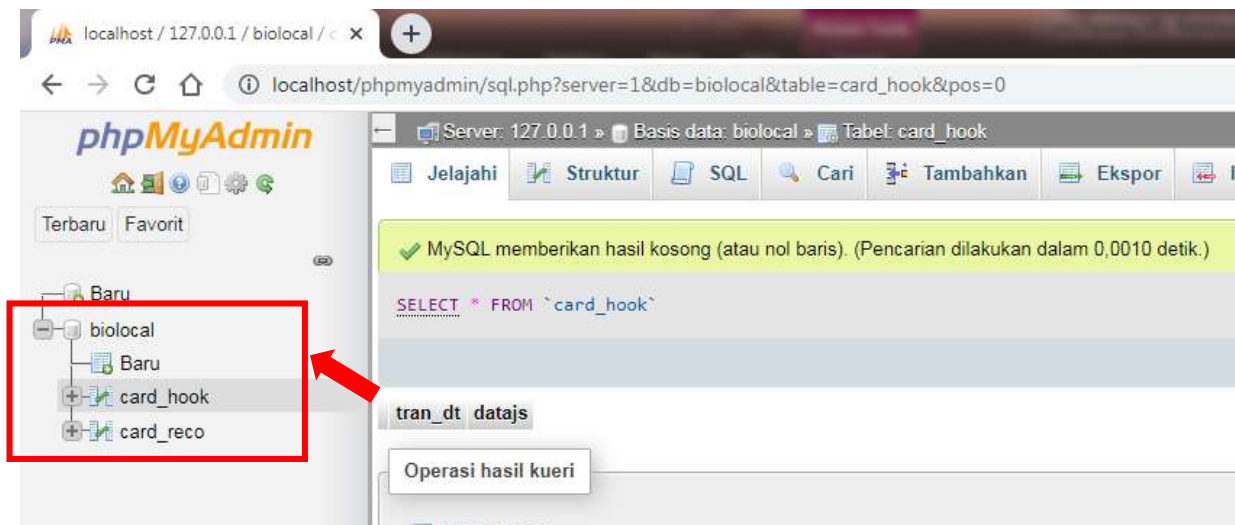
Apply

III. CARA PASANG FUNCTION URL WEBHOOK DI LOCALHOST

1. Letakkan di folder “/xampp/htdocs/biolocal/” pada server anda



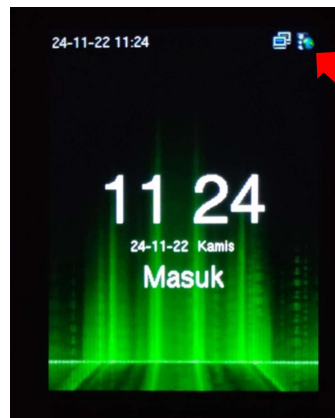
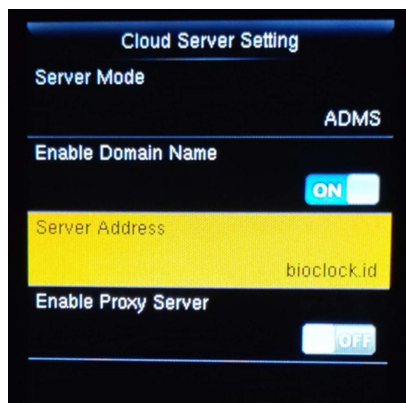
2. Load Database “webhook_db.sql” pada server anda



3. Alamat lengkap file menjadi : localhost/biolocal/url_webhook2.php
4. Jika diakses dari luar menjadi : http://blokb6.homeip.net:8080/biolocal/url_webhook2.php

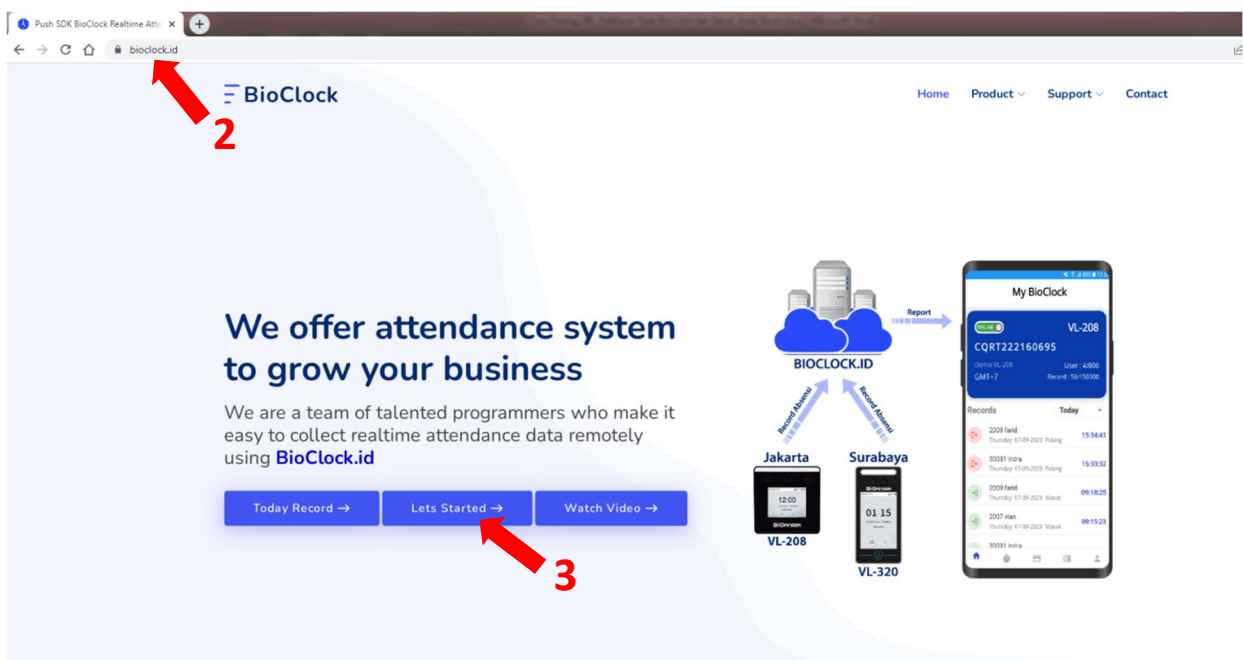
III. CARA PASANG URL WEBHOOK PADA BIOCLOCK.ID

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

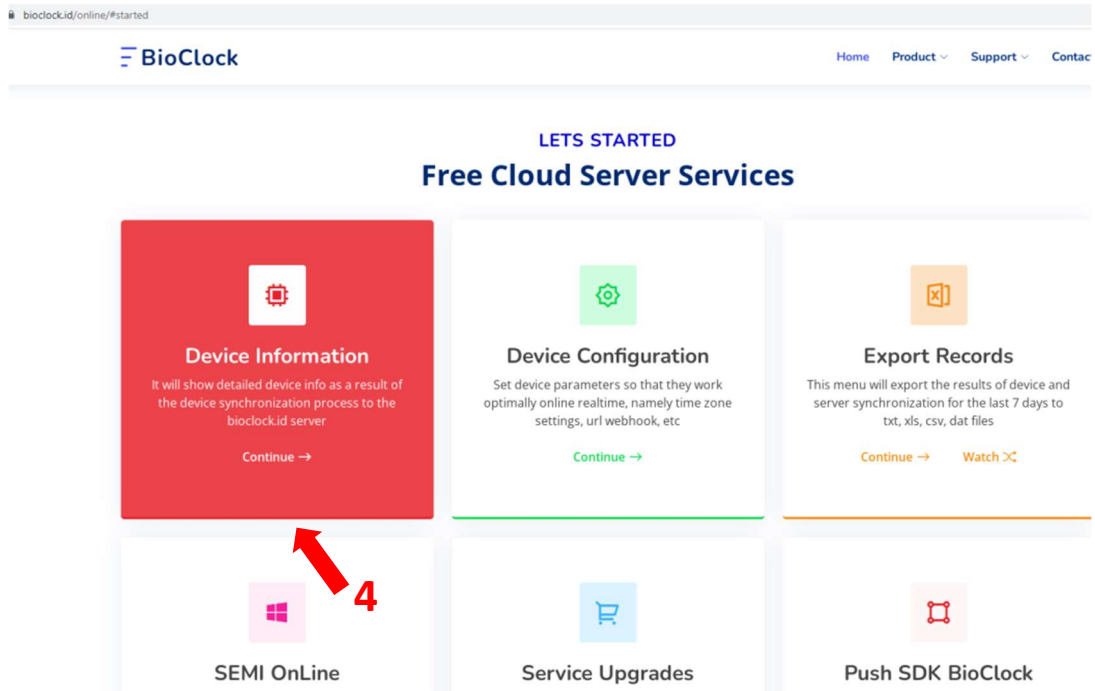


Icon ADMS
Terhubung

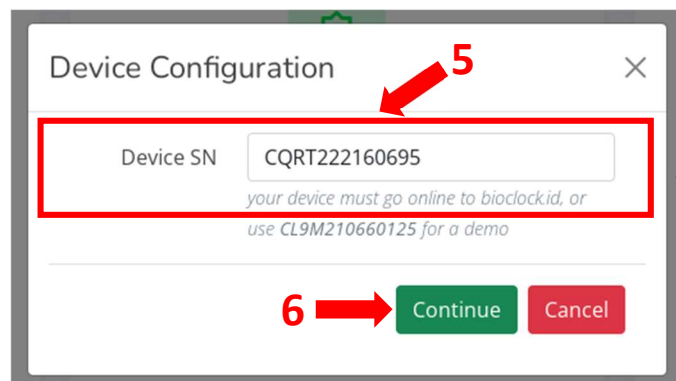
2. Selanjutnya buka browser, ketik alamat server : bioclock.id
3. Kemudian klik tombol "Lets Starter"



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

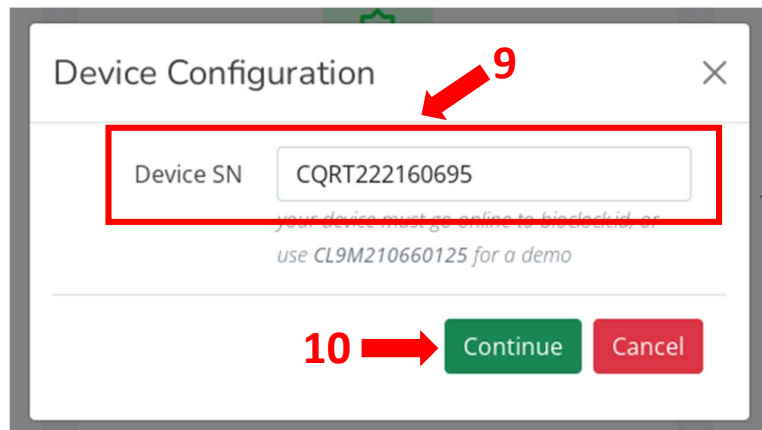
Service Upgrades

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"



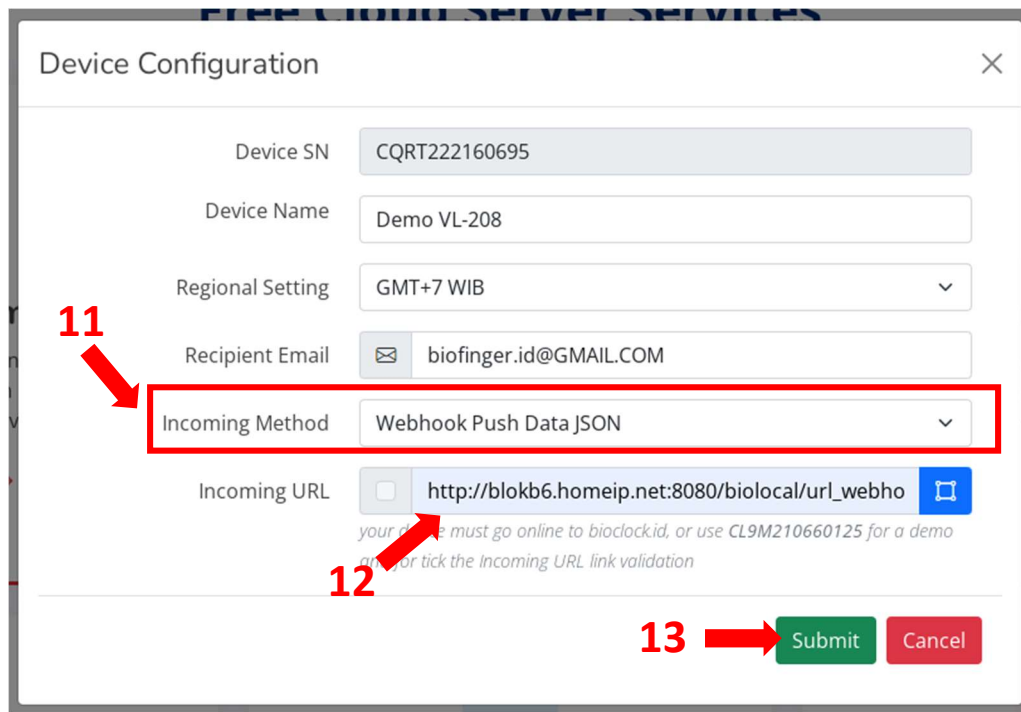
Device Configuration

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 : http://blokb6.homeip.net:8080/biolocal/url_webhook2.php
Contoh IP : http://140.15.15.15:8080/biolocal/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 biofinger.id@GMAIL.COM

Incoming Method Webhook Push Data JSON

Incoming URL ☐ http://blokb6.homeip.net:8080/biolocal/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

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: biofinger.id@GMAIL.COM

Incoming Method: Webhook Push Data JSON

Incoming URL: 

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: http://blokb6.homeip.net:8080/biolocal/url_webhook.php

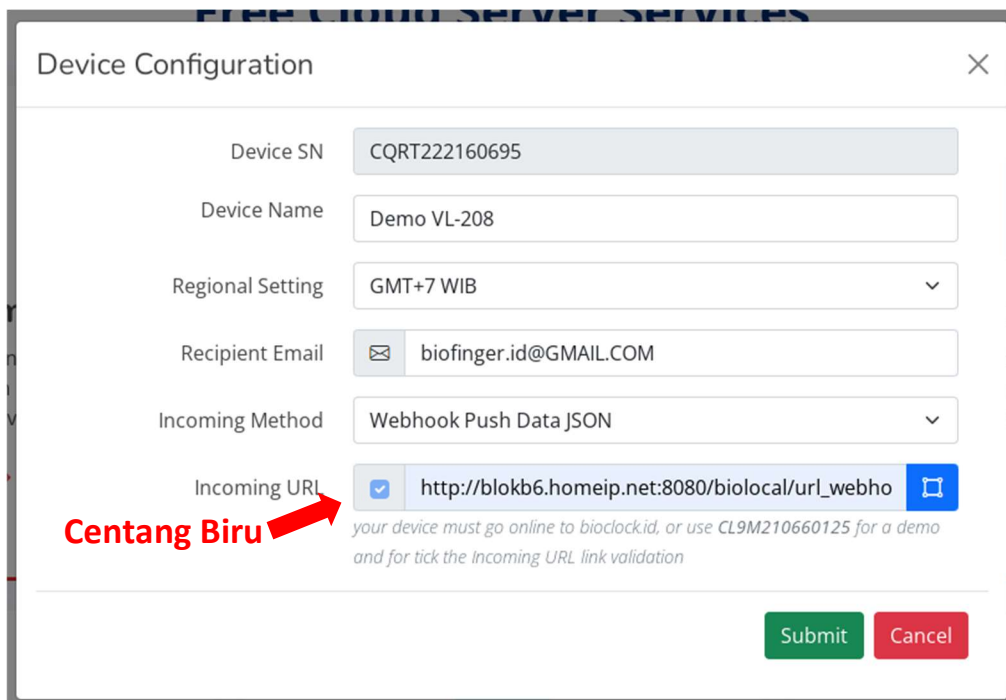
Incoming Email: biofinger.id@gmail.com

3 **Select Send Data**: incoming datajson attendance record

Format Data JSON: {"biohook": "clockreco", "biopush": {"device": "CL9M210660125", "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 "Device Configuration" form with a close button (X) in the top right corner. The form contains several 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 "biofinger.id@GMAIL.COM", "Incoming Method" with a dropdown menu showing "Webhook Push Data JSON", and "Incoming URL" with a checked checkbox and the URL "http://blokb6.homeip.net:8080/biolocal/url_webho". Below the URL field, there is a 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). A red arrow points to the checked checkbox in the "Incoming URL" field, with the text "Centang Biru" written in red.

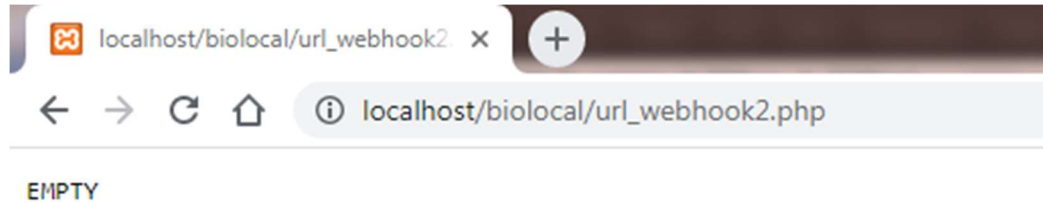
V. TESTING URL WEBHOOK PAKAI MESIN ABSENSI PADA SERVER SENDIRI

1. Pertama buka halaman website lokasi url_webhook anda

Contoh Domain : http://blokb6.homeip.net:8080/biolocal/url_webhook2.php

Contoh IP : http://140.15.15.15:8080/biolocal/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 Incoming URL

Device Configuration

Device SN: CQRT222160695

Device Name: Demo VL-208

Regional Setting: GMT+7 WIB

Recipient Email: biofinger.id@GMAIL.COM

Incoming Method: Webhook Push Data JSON

Incoming URL: ☒ http://blokb6.homeip.net:8080/biolocal/url_webho

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

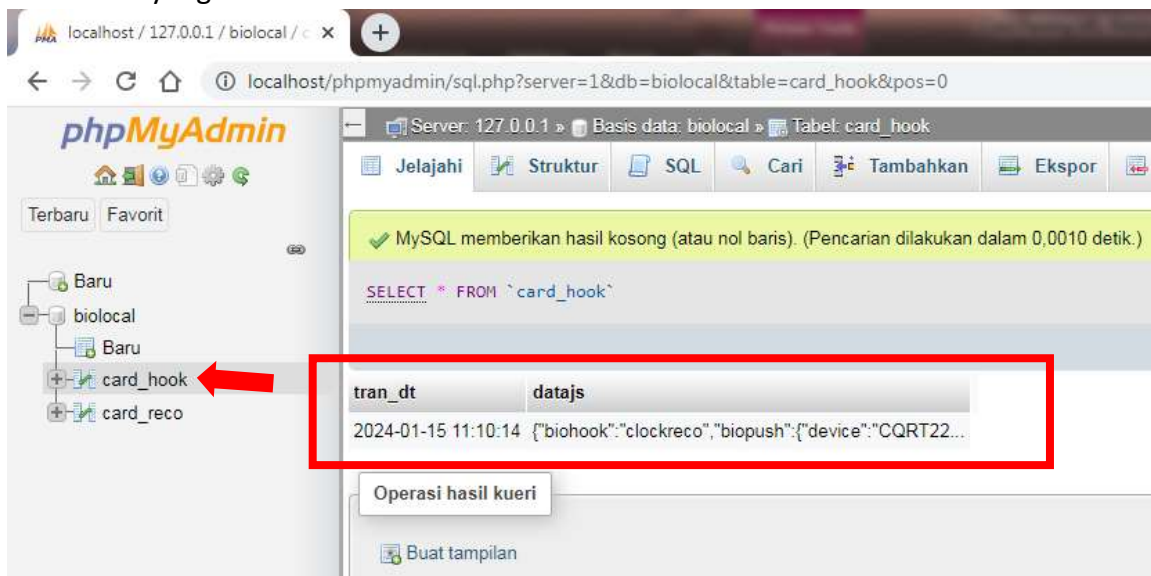
Format Data JSON: {"biohook": "clockreco", "biopush": {"device": "CL9M210660125", "bioke":

Continue Cancel

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



8. Selanjutnya cek kembali Database Server Anda pada table “card_hook” akan ada data JSON dari mesin yang berhasil terkirim



9. Selesai