

# WEBOOK PUSH SDK BIOCLOCK V.1.1

## INCOMING WEBHOOK DATA JSON

*// IA. incoming pushjson record kehadiran :*

```
{
  "biohook": "clockreco",
  "biopush": {
    "device": "CL9M210660125",
    "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
  },
  "biodata": {
    "tran_id": "1668143408",
    "user_id": "123",
    "disp_nm": "TESTING",
    "tran_dt": "2022-06-24 08:42:01",
    "stateid": "0",
    "verify": "15",
    "workcod": "",
    "is_mask": 0,
    "bodytem": 0
  }
}
```

*// IAU. uraian key and value :*

```
tran_id = id transaksi unix microtime stamp
user_id = id user personil
disp_nm = nama display user
tran_dt = tanggal jam record
stateid = status kehadiran
0 : masuk
1 : pulang
2 : Istirahat keluar
3 : istirahat masuk
4 : lembur masuk
5 : lembur keluar
verify = metode verifikasi
0 : otomatis
1 : jari
2 : user ID
3 : password
4 : kartu
5 : jari/password
6 : jari/kartu
7 : kartu/password
8 : jari+kartu
9 : jari+password
10: kartu+jari
11: kartu+password
12: jari+password+kartu
13: userID+jari+password
14: userID+jari/kartu+jari
15: wajah
16: wajah+jari
17: wajah+password
18: wajah+kartu
19: wajah+jari+kartu
20: wajah+jari+password
```

```

21: jari vena
22: jari vena+password
23: jari vena+kartu
24: jari vena+password+kartu
25: palm print
26: palm print+kartu
27: palm print+wajah
28: palm print+jari
29: palm print+jari+wajah
32: wajah
workcod = kode kerja
is_mask = deteksi masker
0 : tanpa masker
1 : pakai masker
bodytem = suhu tubuh °C

// IB. incoming pushjson foto kehadiran :
{
  "biohook": "clockfoto",
  "biopush": {
    "device": "CL9M210660125",
    "biokey": "xxxxxxxxxxxxxxxxxxxxx"
  },
  "biodata": {
    "tran_id": "1668143408",
    "user_id": "123",
    "tran_dt": "2022-07-04 21:24:10",
    "photosz": "33661",
    "photo64": "/9j/4AAQSkZJRgABAQAAQABAA..."
  }
}

// IBU. uraian key and value :
tran_id = id transaksi unix microtime stamp
user_id = id user personil
tran_dt = tanggal jam record
photosz = ukuran byte file
photo64 = image base64 encode

// IC. incoming pushjson user info :
{
  "biohook": "userinfo",
  "biopush": {
    "device": "CL9M210660125",
    "biokey": "xxxxxxxxxxxxxxxxxxxxx"
  },
  "biodata": {
    "tran_id": "1668143408",
    "user_id": "123",
    "disp_nm": "TESTING",
    "privilg": "0",
    "password": "",
    "card_no": "",
    "groupid": "1",
    "timezon": "0000000100000000",
    "verify": "0",
    "viccard": ""
  }
}

```

```

}
// ICU. uraian key dan value :
tran_id = id transaksi unix microtime stamp
user_id = id user/personil
disp_nm = nama user/personil
privilg = hak akses ke mesin
    0 : Normal User
    2 : Registrar
    6 : Administrator
    10: User-defined
    14: Super Administrator
password = kata sandi user
card_no = no kartu RFID/Mifare
groupid = grup user berada
timezon = zona waktu user
    digit 1-4 : zona waktu grup
    digit 5-8 : zona waktu user 1
    digit 9-12 : zona waktu user 2
    digit 13-16 : zona waktu user 3
verify = metode verifikasi
    0 : otomatis
    1 : jari
    2 : user ID
    3 : password
    4 : kartu
    5 : jari/password
    6 : jari/kartu
    7 : kartu/password
    8 : jari+kartu
    9 : jari+password
    10: kartu+jari
    11: kartu+password
    12: jari+password+kartu
    13: userID+jari+password
    14: userID+jari/kartu+jari
    15: wajah
    16: wajah+jari
    17: wajah+password
    18: wajah+kartu
    19: wajah+jari+kartu
    20: wajah+jari+password
    21: jari vena
    22: jari vena+password
    23: jari vena+kartu
    24: jari vena+password+kartu
    25: palm print
    26: palm print+kartu
    27: palm print+wajah
    28: palm print+jari
    29: palm print+jari+wajah
    32: wajah
viccard = no kartu (cadangan)

// ID. incoming pushjson templat info :
{
    "biohook": "template",
    "biopush": {
        "device": "CL9M210660125",

```

```

        "biokey": "xxxxxxxxxxxxxxxxxxxxx"
    },
    "biodata": {
        "tran_id": "1668143408",
        "user_id": "123",
        "temptyp": "1",
        "templno": "5",
        "tempsiz": 1148,
        "isvalid": "1",
        "majover": "10",
        "minover": "",
        "templat": "apUBEOAH5TAIAAwAAWfsAdDR0tPU1dbX2Nna..."
    }
}

```

**// IDU. uraian key dan value :**

```

tran_id = id transaksi unix microtime stamp
user_id = id user/personil
temptyp = jenis templat
    0 : General Template
    1 : Fingerprint
    2 : Face
    3 : Voice
    4 : Iris
    5 : Comparison Photo
    6 : Palm Vein
    7 : Finger Vein
    8 : Visible Light Palm
    9 : Visible Light Face
templno = index templat
    Fingerprint : 0 s/d 9
    Face : 0 s/d 11
    Voice : unavailable
    Iris : unavailable
    Comparison Photo : 0
    Palm Vein : unavailable
    Finger Vein : unavailable
    Visible Light Palm : 0 s/d 4
    Visible Light Face : 0
tempsiz = dalam ukuran byte
isvalid = validitas templat
    0 : not valid
    1 : valid
majover = versi major templat
minover = versi minor templat
templat = format base64 encode

```

**// IE. incoming pushjson device info :**

```

{
    "biohook": "devinfo",
    "biopush": {
        "device": "CL9M210660125",
        "biokey": "xxxxxxxxxxxxxxxxxxxxx"
    },
    "biodata": {
        "tran_id": "1668143408",
        "vendor": "BIOFINGER",
        "devname": "VL-320",
        "macaddr": "00:17:61:12:10:1e",
    }
}

```

```

        "recomax": "150000",
        "usermax": "1000",
        "fingmax": "3000",
        "facemax": "500",
        "veinmax": "1000",
        "palmmax": "0",
        "fing_on": "0",
        "face_on": "1",
        "vein_on": "0",
        "palm_on": "0",
        "visi_on": "1"
    }
}
// IEU. uraian key dan value :
tran_id = id transaksi unix microtime stamp
vendor  = nama pabrik
devname = nama mesin
macaddr = alamat MAC
recomax = kapasitas record
usermax = kapasitas user
fingmax = kapasitas jari
facemax = kapasitas wajah
veinmax = kapasitas vein
palmmax = kapasitas palm
fing_on = ada/tidak fitur jari
face_on = ada/tidak fitur wajah
vein_on = ada/tidak fitur vein
palm_on = ada/tidak fitur palm
visi_on = ada/tidak fitur visible light

// IF. incoming pushjson device statistik :
{
    "biohook": "devstat",
    "biopush": {
        "device": "CL9M210660125",
        "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
    },
    "biodata": {
        "tran_id": "1668143408",
        "reco use": "275",
        "user use": "56",
        "fing use": "0",
        "face use": "2",
        "palm use": "30"
    }
}
// IFU. uraian key dan value :
tran_id = id transaksi unix microtime stamp
reco use = record terpakai
user use = user terpakai
fing use = jari terpakai
face use = wajah terpakai
palm use = palm terpakai

// IZ. syndax php terima incoming datajson push webhook :
$json_result = file_get_contents('php://input');
$result = json_decode($json_result);

```

```
echo "OK";  
...  
...
```

## OUTGOING WEBHOOK DATA JSON

```
// OA. outgoing pushjson restart device :  
{  
  "biohook": "restart",  
  "biopush": {  
    "device": "CL9M210660125",  
    "biokey": "xxxxxxxxxxxxxxxxxxxxxx"  
  }  
}  
  
// OAU uraian key dan value :  
biohook = restart  
biokey  = lihat email setelah beli push SDK BioClock  
respon  = mesin akan restart sesaat kemudian  
  
// OB. outgoing pushjson checking data update :  
{  
  "biohook": "checkdata",  
  "biopush": {  
    "device": "CL9M210660125",  
    "biokey": "xxxxxxxxxxxxxxxxxxxxxx"  
  }  
}  
  
// OBU uraian key dan value :  
biohook = check data update  
biokey  = lihat email setelah beli push SDK BioClock  
respon  = mesin akan lakukan check data update  
  
// OC. outgoing pushjson check and transmit new data :  
{  
  "biohook": "checklog",  
  "biopush": {  
    "device": "CL9M210660125",  
    "biokey": "xxxxxxxxxxxxxxxxxxxxxx"  
  }  
}  
  
// OCU uraian key dan value :  
biohook = check and transmit new data  
biokey  = lihat email setelah beli push SDK BioClock  
respon  = mesin akan lakukan check dan transmit data baru  
  
// OD. outgoing pushjson option for refreshing the device :  
{  
  "biohook": "reloadop",  
  "biopush": {  
    "device": "CL9M210660125",  
    "biokey": "xxxxxxxxxxxxxxxxxxxxxx"  
  }  
}  
  
// ODU uraian key dan value :
```

```

biohook = option for refreshing the device
biokey  = lihat email setelah beli push SDK BioClock
respon  = mesin akan lakukan reload ulang konfigurasi mesin

// OE. outgoing pushjson door unlocking signal :
{
    "biohook": "acunlock",
    "biopush": {
        "device": "CL9M210660125",
        "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
    }
}
// OEU uraian key dan value :
biohook = door unlocking signal
biokey  = lihat email setelah beli push SDK BioClock
respon  = mesin akan mengaktifkan signal unlock pintu

// OF. outgoing pushjson canceling alarm signal :
{
    "biohook": "acunalarm",
    "biopush": {
        "device": "CL9M210660125",
        "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
    }
}
// OFU uraian key dan value :
biohook = canceling alarm signal
biokey  = lihat email setelah beli push SDK BioClock
respon  = mesin akan membatalkan signal alarm

// OG. outgoing pushjson add/update user info :
{
    "biohook": "userinfo",
    "biopush": {
        "device": "CL9M210660125",
        "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
    },
    "biodata": {
        "optmode": "1"
        "user_id": "123"
        "disp_nm": "TESTING",
        "privilg": "0",
        "password": "123",
        "card_no": "",
        "groupid": "1",
        "timezon": "0000000100000000",
        "verify": "0",
        "viccard": ""
    }
}
// OGU. uraian key dan value :
biohook = pilihannya : userinfo
biokey  = lihat email setelah beli push SDK BioClock
optmode = 1:add/update
respon  = lihat incoming pushjson user info

```

```

// OH. outgoing pushjson delete/query user info :
{
  "biohook": "userinfo",
  "biopush": {
    "device": "CL9M210660125",
    "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
  },
  "biodata": {
    "optmode": "2",
    "user_id": "123"
  }
}
// OHU. uraian key dan value :
biohook = userinfo
biokey  = lihat email setelah beli push SDK BioClock
optmode = 2:delete, 3:query
respon  = lihat incoming pushjson user info

// OI. outgoing pushjson add/update templat info :
{
  "biohook": "template",
  "biopush": {
    "device": "CL9M210660125",
    "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
  },
  "biodata": {
    "optmode": "1",
    "user_id": "123",
    "temptyp": "1",
    "templno": "5",
    "tempsiz": "1148",
    "isvalid": "1",
    "majover": "10",
    "minover": "",
    "templat": "apUBEOAH5TAIAAwAAWfsAdDR0tPU1dbX2Nna..."
  }
}
// OIU. uraian key dan value :
biohook = template
biokey  = lihat email setelah beli push SDK BioClock
optmode = 1:add/update
respon  = lihat incoming pushjson templat info

// OJ. outgoing pushjson delete/query templat info :
{
  "biohook": "template",
  "biopush": {
    "device": "CL9M210660125",
    "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
  },
  "biodata": {
    "optmode": "2",
    "user_id": "123",
    "temptyp": "1"
  }
}

```



```

}
// OJU. uraian key dan value :
biohook = pilihannya : template
biokey = lihat email setelah beli push SDK BioClock
optmode = 2:delete, 3:query
respon = lihat incoming pushjson templat info

// OK. outgoing pushjson query log kehadiran :
{
  "biohook": "qlogreco",
  "biopush": {
    "device": "CL9M210660125",
    "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
  },
  "biodata": {
    "starthh": "2022-07-04 21:00:00",
    "untilhh": "2022-07-04 21:59:00"
  }
}
// OKU. uraian key dan value :
biohook = qlogreco, perintah ambil ulang record kehadiran
biokey = lihat email setelah beli push SDK BioClock
starthh = batas awal jam query record kehadiran
untilhh = batas akhir jam query record kehadiran
respon = lihat incoming pushjson record kehadiran

// OL. outgoing pushjson query foto kehadiran :
{
  "biohook": "qlogfoto",
  "biopush": {
    "device": "CL9M210660125",
    "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
  },
  "biodata": {
    "starthh": "2022-07-04 21:00:00",
    "untilhh": "2022-07-04 21:59:00"
  }
}
// OLU. uraian key dan value :
biohook = qlogfoto, perintah ambil ulang foto kehadiran
biokey = lihat email setelah beli push SDK BioClock
starthh = batas awal jam query foto kehadiran
untilhh = batas akhir jam query foto kehadiran
respon = lihat incoming pushjson foto kehadiran

// OM. outgoing pushjson clear record kehadiran :
{
  "biohook": "clerreco",
  "biopush": {
    "device": "CL9M210660125",
    "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
  }
}
// OMU. uraian key dan value :
biohook = clerreco, perintah bersihkan record kehadiran
biokey = lihat email setelah beli push SDK BioClock

```

```

        respon = record kehadiran di mesin akan terhapus

// ON. outgoing pushjson clear foto kehadiran :
{
    "biohook": "clerfoto",
    "biopush": {
        "device": "CL9M210660125",
        "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
    }
}
// ONU. uraian key dan value :
biohook = clerfoto, perintah bersihkan foto kehadiran
biokey = lihat email setelah beli push SDK BioClock
respon = foto kehadiran di mesin akan terhapus

// OO. outgoing pushjson clear templat info :
{
    "biohook": "clerbiod",
    "biopush": {
        "device": "CL9M210660125",
        "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
    }
}
// OOU. uraian key dan value :
biohook = clerbiod, perintah bersihkan templat info
biokey = lihat email setelah beli push SDK BioClock
respon = templat info di mesin akan terhapus

// OP. outgoing pushjson clear all data :
{
    "biohook": "cleralld",
    "biopush": {
        "device": "CL9M210660125",
        "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
    }
}
// OPU. uraian key dan value :
biohook = cleralld, perintah bersihkan semua data
biokey = lihat email setelah beli push SDK BioClock
respon = semua data di mesin akan terhapus

// OQ. outgoing pushjson remote enroll fingerprint :
{
    "biohook": "enrolfin",
    "biopush": {
        "device": "CL9M210660125",
        "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
    },
    "biodata": {
        "user_id": "123",
        "temptyp": "1",
        "templno": "5"
    }
}

```

```

}
// OQU. uraian key dan value :
    biohook = enrolfin, perintah enroll jari jarak jauh
    biokey  = lihat email setelah beli push SDK BioClock
    respon  = menu mesin akan siap menerima enroll jari

// OR. outgoing pushjson remote enroll face :
{
    "biohook": "enrolfac",
    "biopush": {
        "device": "CL9M210660125",
        "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
    },
    "biodata": {
        "user_id": "123",
        "temptyp": "2"
    }
}
// ORU. uraian key dan value :
    biohook = enrolfin, perintah enroll wajah jarak jauh
    biokey  = lihat email setelah beli push SDK BioClock
    respon  = menu mesin akan siap menerima enroll jari

// OS. outgoing pushjson remote enroll pasfoto :
{
    "biohook": "enrolpho",
    "biopush": {
        "device": "CL9M210660125",
        "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
    },
    "biodata": {
        "user_id": "123",
        "temptyp": "5",
        "templat": "apUBEOAH5TAIAAwAAWfsAdDR0tPU1dbX2Nna..."
    }
}
// OSU. uraian key dan value :
    biohook = enrolpho, perintah upload pasfoto jadi templat
    biokey  = lihat email setelah beli push SDK BioClock
    respon  = mesin akan menerima base64 encode image pasfoto

// OT. outgoing pushjson remote enroll palm/face VL :
{
    "biohook": "enrolbio",
    "biopush": {
        "device": "CL9M210660125",
        "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
    },
    "biodata": {
        "user_id": "123",
        "temptyp": "8"
    }
}
// OTU. uraian key dan value :

```

```

biohook = enrolbio, perintah enroll palm/face VL
biokey  = lihat email setelah beli push SDK BioClock
temptyp = 8:telapak tangan, 9: Visible Light Face
respon  = menu mesin akan siap menerima enroll

// OU. outgoing pushjson device information :
{
    "biohook": "devinfo",
    "biopush": {
        "device": "CL9M210660125",
        "biokey": "xxxxxxxxxxxxxxxxxxxxxx"
    }
}

// OUV. uraian key dan value :
biohook = devinfo, perintah lihat informasin mesin terbaru
biokey  = lihat email setelah beli push SDK BioClock
respon  = detail informasi mesin akan di update

// OZ. syndax php kirim outgoing datajson push webhook :
$ardata = [
    "biohook" => "restart",
    "biopush" => {
        "device" => "CL9M210660125",
        "biokey" => "xxxxxxxxxxxxxxxxxxxxxx"
    }
];
$urlweb = 'https://bioclock.id/pushsdk/biohook';
$payload = json_encode($ardata);
$ch = curl_init($urlweb);
curl_setopt($ch, CURLOPT_POSTFIELDS, $payload);
curl_setopt($ch, CURLOPT_HTTPHEADER, array('Content-Type:
    application/json'));
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
$result = curl_exec($ch);
curl_close($ch);
if ($result!="OK") {
    ...
    ...
}

```