

TS0183

How to refer TNA key of BioStar2 database

Created: 2016/12/30

Applies to: BioStar 2 2.3 versions or later

Abstract

BioStar2 devices support a function key to indicate the status of Time & Attendance such as CHECK-IN, CHECK-OUT, BREAK-OUT, BREAK-IN, and etc.

To integrate 3rd party system, you need to distinguish an event type and a label for each log event.

This document describes how to refer a label of the T&A key.

Preparation

BioStar2 2.3 SW or higher

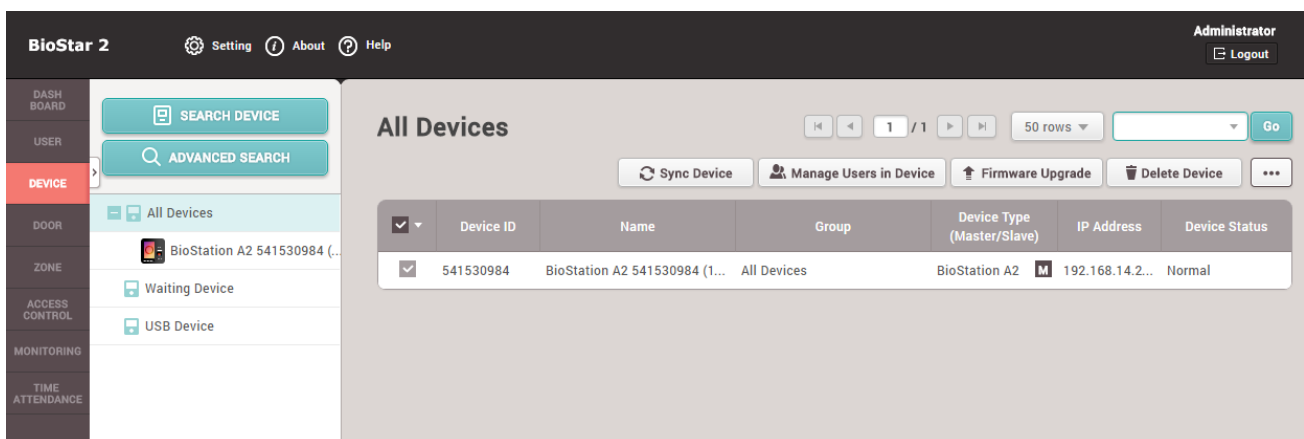
BioStar2 devices

Maria DB client

Reference document: [TS0116 - BioStar 2 - Database Table Description V2.3.0.pdf](#)

Procedure

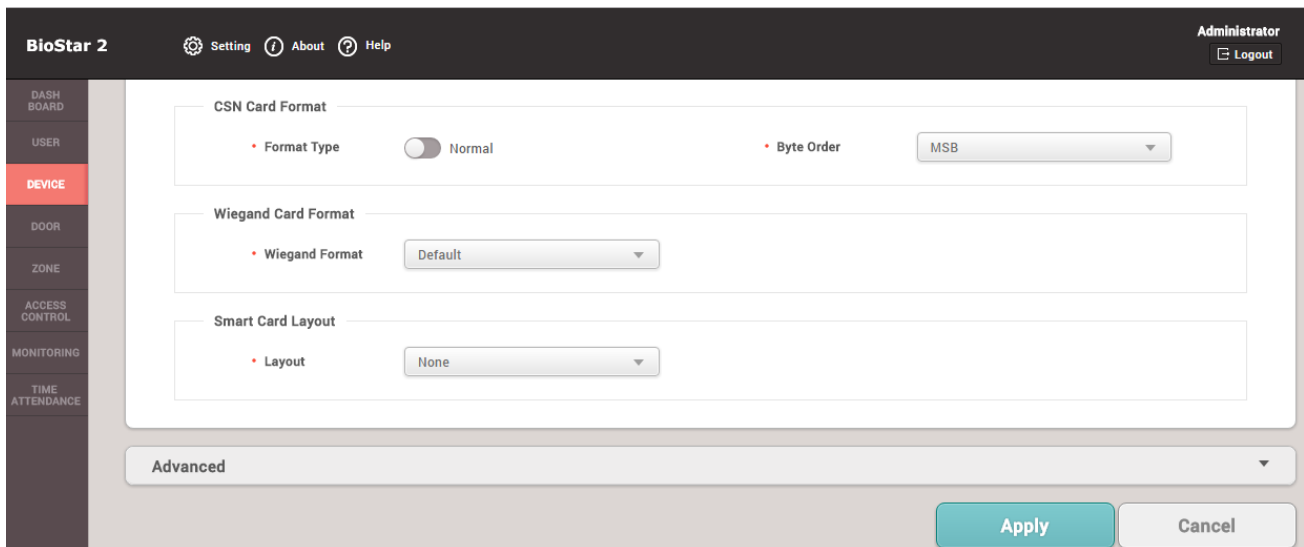
1. Go to device menu.
2. Add a device.



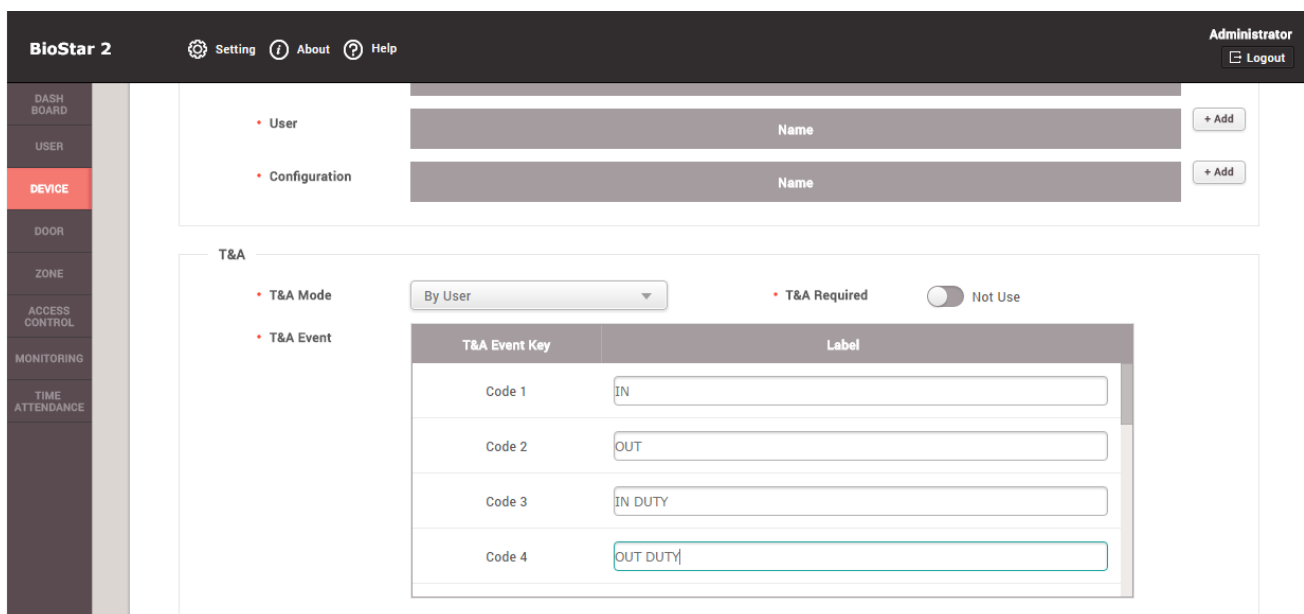
The screenshot shows the BioStar 2 web interface. The top navigation bar includes 'BioStar 2', 'Setting', 'About', and 'Help'. The user is logged in as 'Administrator'. The left sidebar shows a menu with 'DEVICE' selected. The main content area displays the 'All Devices' table with the following data:

Device ID	Name	Group	Device Type (Master/Slave)	IP Address	Device Status
541530984	BioStation A2 541530984 (1...	All Devices	BioStation A2	192.168.14.2...	Normal

- Click on the device and click [Advanced].



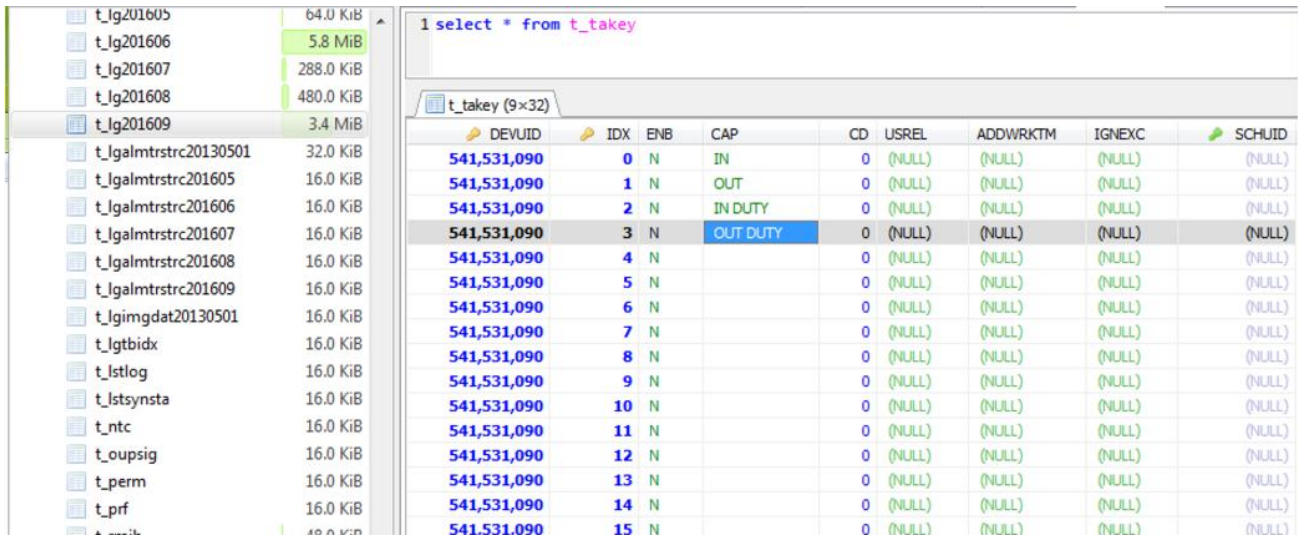
- Go T&A Event and set the T&A Event key
 - It can be up to 16.



- Make a log with pressing T&A key on a device.
- Run Maria DB Client such as Heidi SQL.
- Connect "BioStar2_ac" DB.

8. Refer *CAP* column of *t_takey* table and *t_lg_yyyymm* table.

<t_takey>



DEVID	IDX	ENB	CAP	CD	USREL	ADDWRKTM	IGNEXC	SCHUID
541,531,090	0	N	IN	0	(NULL)	(NULL)	(NULL)	(NULL)
541,531,090	1	N	OUT	0	(NULL)	(NULL)	(NULL)	(NULL)
541,531,090	2	N	IN DUTY	0	(NULL)	(NULL)	(NULL)	(NULL)
541,531,090	3	N	OUT DUTY	0	(NULL)	(NULL)	(NULL)	(NULL)
541,531,090	4	N		0	(NULL)	(NULL)	(NULL)	(NULL)
541,531,090	5	N		0	(NULL)	(NULL)	(NULL)	(NULL)
541,531,090	6	N		0	(NULL)	(NULL)	(NULL)	(NULL)
541,531,090	7	N		0	(NULL)	(NULL)	(NULL)	(NULL)
541,531,090	8	N		0	(NULL)	(NULL)	(NULL)	(NULL)
541,531,090	9	N		0	(NULL)	(NULL)	(NULL)	(NULL)
541,531,090	10	N		0	(NULL)	(NULL)	(NULL)	(NULL)
541,531,090	11	N		0	(NULL)	(NULL)	(NULL)	(NULL)
541,531,090	12	N		0	(NULL)	(NULL)	(NULL)	(NULL)
541,531,090	13	N		0	(NULL)	(NULL)	(NULL)	(NULL)
541,531,090	14	N		0	(NULL)	(NULL)	(NULL)	(NULL)
541,531,090	15	N		0	(NULL)	(NULL)	(NULL)	(NULL)

<t_lgyyyymm>



EVTLGUID	SRVDT	DEVD	DEVID	PKTDEVID	DEVLGIDX	IMGLGUID	USRID	EVT	CRDSL	TNAKEY	DRUID	ZNUID
15,816	2016-09-30 17:31:20	1,475,224,279	541,531,090	541,531,090	30,791	(NULL)	1	4,865	0	1	(NULL)	(NULL)
15,817	2016-09-30 17:31:24	1,475,224,283	541,531,090	541,531,090	30,792	(NULL)	1	4,865	0	2	(NULL)	(NULL)
15,818	2016-09-30 17:31:28	1,475,224,287	541,531,090	541,531,090	30,793	(NULL)	1	4,865	0	3	(NULL)	(NULL)
15,819	2016-09-30 17:31:31	1,475,224,291	541,531,090	541,531,090	30,794	(NULL)	1	4,865	0	4	(NULL)	(NULL)