

BioStar Database Table

Version 1.91



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Software Version 1.91

● User Info

TB_USER

Idn	Name	Type	Size	Key	Index	Default	Description
1	nUserIdn	Integer	4	PK	O		User Info Index
2	sUserName	nVarchar	96				Name ex) Bush, George W
3	nDepartmentIdn	Integer	4				Department info Index - nDepartmentIdn of TB_DEPARTMENT
4	sTelNumber	varchar	64				Phone number ex) 011- 1111-1111
5	sEmail	nVarchar	100				e-mail ex) kck@suprema.co.kr
6	sUserID	varchar	64				User ID
7	sPassword	varchar	64				User ID Password
8	nStarDate	Integer	4				Start Date
9	nEndDate	Integer	4				End Date
10	nAdminLevel	Integer	4				Administrator (240: Admin, 241:Normal)
11	nAuthMode	Integer	4				Authorization Mode
12	nAuthLimitCount	Integer	4				Limit of Authorization quantity
13	nTimeAPB	Integer	4				Time limit for individual Authorization
14	bPassword2	binary	32				User ID Password (SHA256 Encryption)
15	nEncryption	Integer	4				Compression - 0 Normal, 1 Compression

TB_USER_EX

Idn	Name	Type	Size	Key	Index	Default	Description
1	nUserIdn	Integer	4	PK	O		User Info Index
2	sSurName	nVarchar	64				Last Name ex) (George W. Bush) – Bush

3	sFirstName	nVarchar	64				First Name ex) (George W. Bush) - George
4	sMiddleName	nVarchar	64				Middle Name ex) (George W. Bush) - W
5	nImageSize	Integer	4			O	User Image Size ex) 3355
6	sImageFilePath	nVarchar	255				Image File Path
7	nDuration	Integer	4			O	Duration
8	nCountPerDay	Integer	4			O	Repetition Quantity
9	nUsePrivateImage	smallInt	2			O	Whether to use images for Private Authorization
10	sGreetingMsg	nVarchar	64			(")	Message
11	nEncryption	Integer	4				Compression - 0 Normal, 1 Compression

TB_USER_CUSTOMFIELD

Idn	Name	Type	Size	Key	Index	Default	Description
1	nFieldIdn	Integer	4	PK			User Field Index
2	sFieldName	nVarchar	32				Field Name ex) Sex
3	nFieldType	Integer	4				Field Type ex)1(Edit),2(Combo),3(Check),4(Radio)5(Date),6(DateTime)7(Tree)
4	nDataType	Integer	4				Field Data Type ex) 1(Alphabet), 2(Number), 3>Password)
5	nEssential	smallInt	2				Essential Field input selection
6	nValueIdn	Integer	4				Value Index
7	sData	nVarchar	255				Real Data / Differentiated by ';'.

TB_USER_CUSTOMINFO

Idn	Name	Type	Size	Key	Index	Default	Description
1	nUserIdn	Integer	4	PK			User Info Index - nUserIdn of TB_USERINFO
2	sFieldValue1	nVarchar	128				Extra Field 1
3	sFieldValue2	nVarchar	128				Extra Field 1
4	sFieldValue3	nVarchar	128				Extra Field 1
5	sFieldValue4	nVarchar	128				Extra Field 1

6	sFieldValue5	nVarchar	128				Extra Field 1
7	sFieldValue6	nVarchar	128				Extra Field 1
8	sFieldValue7	nVarchar	128				Extra Field 1
9	sFieldValue8	nVarchar	128				Extra Field 1
10	sFieldValue9	nVarchar	128				Extra Field 1
11	sFieldValue10	nVarchar	128				Extra Field 1
12	sFieldValue11	nVarchar	128				Extra Field 1
13	sFieldValue12	nVarchar	128				Extra Field 1
14	sFieldValue13	nVarchar	128				Extra Field 1
15	sFieldValue14	nVarchar	128				Extra Field 1
16	sFieldValue15	nVarchar	128				Extra Field 1
17	sFieldValue16	nVarchar	128				Extra Field 1
18	sFieldValue17	nVarchar	128				Extra Field 1
19	sFieldValue18	nVarchar	128				Extra Field 1
20	sFieldValue19	nVarchar	128				Extra Field 1
21	sFieldValue20	nVarchar	128				Extra Field 1
22	nEncryption	Integer	4				Compression - 0 Normal, 1 Compression

TB_USER_DEPT

Idn	Name	Type	Size	Key	Index	Default	Description
1	nDepartmentIdn	Integer	4	PK	O		Department info Index ex) 1
2	sName	nVarchar	64				Department ex) System Develop. (Communication/R&D/HR/etc)
3	sDepartment	nVarchar	255				Complete Name ex) Communication/R&D/HR/etc
4	nDepth	Integer	2				Department Depth ex) 4
5	nParentIdn	Integer	4				Parent Dept. Info Index

TB_USER_TEMPLATE

Idn	Name	Type	Size	Key	Index	Default	Description
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1	nUserIdn	Integer	4	PK			User Info Index - nUserIdn of TB_USERINFO
2	nIndex	smallInt	2				Fingerprint Index (First, Second finger,...) ex) 2
3	bTemplate	Binary	384				Fingerprint information
4	nTemplatecs	Integer	4				Fingerprint Checksum
5	nDuress	smallInt	2				Duress Mode - 0 Normal Mode, 1 Duress Mode
6	nEncryption	smallInt	2				Compression - 0 Normal, 1 Compression
7	nSecurityLevel	Integer	4				Security Level (260:Device Setting, 261:Very Low, 262:Low, 263: Normal, 264: High, 265: Very High)
8	nFingerIndex	Integer	4				Finger Index - Left Hand (Thumb: 1 ... Little finger: 5) Right Hand (Thumb: 6 ... Little finger: 10) (Only applicable to D-Station)
9	nTemplateIndex	Integer	4	PK			Template Index ex) 0, 1
10	nEnrollQuality	Integer	4			0	Enroll Quality – Weak, Moderate, Strong, Strongest

TB_USER_CARD

Idn	Name	Type	Size	Key	Index	Default	Description
1	nCardIdn	Integer	4	PK			Card Index
2	nUserIdn	Integer	4				User Info Index - nUserIdn of TB_USERINFO. If value is 0, then it is a commonness Card
3	nType	smallInt	2				Card Type (EM 41000, HID Prox, Mifare CardType A, ...) ex) 1
4	sCardNo	varchar	64				Card Number ex) 2266793, 24ic18a
5	sCustomNo	varchar	64				Card Custom Number ex) 1342
6	nSecurityLevel	Integer	4				Card Security Level
7	nDateTime	Integer	4				Issue Date
8	nExpiryDateTime	Integer	4				Expiration Date
9	nBypass	smallInt	2				Whether to use the Bypass Card
10	nStatus	Integer	4				Card Status

11	nLatest	smallInt	2				Whether to use the latest Card
12	nEncryption	Integer	4				Compression - 0 Normal, 1 Compression
13	nV2CardType	Integer	4			0	<p>For V2 device or 3rd party reader, the card type is separated.</p> <p>BS2_CARD_TYPE_UNKNOWN = 0x00,</p> <p>BS2_CARD_TYPE_CSN = 0x01,</p> <p>BS2_CARD_TYPE_ACCESS = 0x03,</p> <p>BS2_CARD_TYPE_WIEGAND = 0x0A, // from Wiegand reader or iClass/HID Card reader</p>

TB_USER_AC

Idn	Name	Type	Size	Key	Index	Default	Description
1	nUserIdn	Integer	4	PK			User Index - nUserIdn of TB_USERINFO
2	nDoorIdn	Integer	4				Door Index - nDoorIdn of TB_DOOR
3	nTimezone	Integer	4				Timezone Index - nTimezone of TB_TIMEZONE

TB_USER_UPDATE

Idn	Name	Type	Size	Key	Index	Default	Description
1	nUserUpdateIdn	Integer	4				User Index - nUserIdn of TB_USERINFO
2	nUserIdn	Integer	4	PK			nUserIdn of TB_USER
3	nDeviceID	Integer	4				nReaderIdn of TB_READER (0 for all)
4	nDeviceUpdate	Integer	4				Device Data Update

TB_USER_DEVICE

Idn	Name	Type	Size	Key	Index	Default	Description
1	nUserDeviceIdn	Integer	4	PK	O		Index for User Info Update (Auto increase)
2	nUserIdn	Integer	4				User Index - nUserIdn of TB_USERINFO
3	nDeviceID	Integer	4				nReaderIdn of TB_READER (0 for all)
4	nIsUpdated	smallInt	2				If the user data needs to be updated, the value is 0. Otherwise, 1.
5	nIsDelete	smallInt	2				If the value is 0, enroll the user to the device. If the value is 1, delete the user from the device.

TB_USER_FACE

Idn	Name	Type	Size	Key	Index	Default	Description
1	nUserIdn	Integer	4	PK	O		Index for User Info nUserIdn of TB_USERINFO
2	nIndex	smallInt	2				Face Index(first, second,...) ex)2
3	bTemplate	varbinary	2284				User FaceTemplate Data (2248 * 2)
4	nTemplatecs	Integer	4				Face Template Checksum
5	nImageLen	Integer	4				User Image Len
6	bImage	varbinary	MAX				User Image Data
7	nEncryption	smallInt	2				Compression - 0 Normal, 1 Compression
8	nSecurityLevel	Integer	4				Face Security Level (260:Device Setting, 261:Very Low, 262:Low, 263: Normal, 264: High, 265: Very High)
9	nAuthLimitCount	Integer	4				Limit of Authorization quantity

● **Event****TB_EVENT**

Idn	Name	Type	Size	Key	Index	Default	Description
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1	nEventIdn	Integer	4	PK	O		Evnet Index
2	sName	nVarchar	64				Event Name
3	nPriority	smallint	2				Event Priority 0~4 Levels ex) 1
4	nAck	smallint	2			O	Acknowledge Ack(1), Ack(0) ex) 1
5	nSWAlarmIdn	Integer	4				nAlarmIdn of TB_ALARM
6	nAlarmEmailIdn	Integer	4				nAlarmEmailIdn of TB_ALARM_EMAIL
7	sDescription	nVarchar	255				Description ex) Forced Open Door

TB_EVENT_LOG

Idn	Name	Type	Size	Key	Index	Default	Description
1	nEventLogIdn	Integer	4				Log Index
2	nDateTime	Integer	4	PK	O		Event Time in UTC ex) 33435
3	nReaderIdn	Integer	4		O		Reader Index - nReaderIdn of TB_READER
4	nEventIdn	Integer	4		O		nEventIdn of TB_EVENT
5	nUserID	Integer	4		O		User ID - sUserID of TB_USER
6	nIsLog	SmallInt	2				It is Log or Real Time Data
7	nTNAEvent	SmallInt	2				T&A Event
8	nIsUseTA	SmallInt	2				Check if used for T&A result
9	nType	SmallInt	2				Log type: Normal(0),Image log(1) Avi log(2)

TB_EVENT_LOG_BK

Idn	Name	Type	Size	Key	Index	Default	Description
1	nEventLogIdn	Integer	4				Log Index
2	nDateTime	Integer	4	PK	O		Event Time in UTC ex) 33435
3	nReaderIdn	Integer	4		O		Reader Index - nReaderIdn of TB_READER
4	nEventIdn	Integer	4		O		nEventIdn of TB_EVEN
5	nUserID	Integer	4		O		User ID - sUserID of TB_USER
6	nIsLog	SmallInt	2				It is Log or Real Time Data

7	nTNAEvent	SmallInt	2				T&A Event
8	nIsUseTA	SmallInt	2				Check if used for T&A result
9	nType	SmallInt	2				Log type: Normal(0),Image log(1) Avi log(2)

TB_EVENT_LOG_MANAGER

Idn	Name	Type	Size	Key	Index	Default	Description
1	nReaderIdn	Integer	4	PK	O		Reader Index
2	nLastDate	Integer	4				Last Event Date (1.x device)
3	v2LogIndex	Integer	4			0	Last Event Log ID (2.x device)

TB_EVENT_DATA

Idn	Name	Type	Size	Key	Index	Default	Description
1	nEventIdn	Integer	4	PK	O		Event Index
2	sName	nVarchar	64				Event Name
3	sDescription	nVarchar	255				Description ex) Forced Open Door

TB_EVENT_FACE

Idn	Name	Type	Size	Key	Index	Default	Description
1	nEventFaceIdn	Integer	4				Log Face Index
2	nDateTime	Integer	4	PK	O		Event Time in UTC ex) 33435
3	nReaderIdn	Integer	4	PK	O		Reader Index - nReaderIdn of TB_READER
4	nEventIdn	Integer	4	PK	O		nEventIdn of TB_EVENT
5	nUserID	Integer	4	PK	O		User ID - sUserID of TB_USER
6	nType	SmallInt	2				0: None, 1:Image Log, 2:Avi Log
7	bFacelImage	Varbinary (MAX)					User Face Image Data
8	nFacelImageLen	Integer	4				User Face Image Data Len