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## BS2\_SetGlobalAPBViolationByDoorOpenHandler

[+ 2.7.0] Registers callback function for global determination when an APB violation alarm occurs. Generally, Global APB API [BS2\\_SetCheckGlobalAPBViolationHandler](#) determines access with the user authentication only.

On the other hand, Global APB By Door Open has two steps; i) User authentication ii) Actual access based on the door sensor.

First, [OnCheckGlobalAPBViolationByDoorOpen](#) is called after a user authentication.

Second, [OnUpdateGlobalAPBViolationByDoorOpen](#) is called after checking the door sensor to figure out if the user actually accessed the door.

The final status is updated through [OnUpdateGlobalAPBViolationByDoorOpen](#)

### Declaration

```
#include "BS_API.h"

int BS2_SetGlobalAPBViolationByDoorOpenHandler(void* context,
OnCheckGlobalAPBViolationByDoorOpen ptrCheck,
OnUpdateGlobalAPBViolationByDoorOpen ptrUpdate);
```

[See OnCheckGlobalAPBViolationByDoorOpen Callback Function](#)  
[See OnUpdateGlobalAPBViolationByDoorOpen Callback Function](#)

### Parameter

- [In] *context* : Context
- [In] *ptrCheck* : Callback function called for global determination when Anti Passback alarm occurs
- [In] *ptrUpdate* : Callback function called for updating status of the authenticated user.

#### NOTE

To use Global Anti Passback service, set [BS2AuthConfig](#)  
useGlobalAPB = true,  
and [BS2DoorSensor](#) apbUseDoorSensor = true.

## Return Value

If successfully done, BS\_SDK\_SUCCESS will be returned.  
If there is an error, the corresponding error code will be returned.

## See Also

[BS2\\_CheckGlobalAPBViolationByDoorOpen](#)

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