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SSL API

As API that configures the SSL communication, there are communication interfaces include LAN, USB, and RS485. To get real-time device connectivity and search results, please register the callback function via the [BS2_SetDeviceEventListener](#) function.

- [BS2_SetDeviceEventListener](#): Sets device search and network connection event listener.
- * [BS2_SearchDevices](#): Search for devices in subnet. * [BS2_SearchDevicesEx](#): Search for devices in a specific IP address band. * [BS2_GetDevices](#): Gets the managed device information. * [BS2_ConnectDevice](#): Connects the device using the device identifier. * [BS2_ConnectDeviceViaIP](#): Connect devices using IP address and Port. * [BS2_DisconnectDevice](#): Disconnects from the device. * [BS2_SetKeepAliveTimeout](#): Sets the keep-alive timeout. * [BS2_SetNotificationListener](#): Sets the Notification listener. * [BS2_SetServerPort](#): Set the Server Port.

Callback Function

```
typedef void (*GetRootCaFilePath)(uint32_t deviceId);
typedef const char* (*GetServerCaFilePath)(BS2_DEVICE_ID deviceId);
typedef const char* (*GetServerPrivateKeyFilePath)(uint32_t deviceId);
typedef const char* (*GetPassword)(uint32_t deviceId);
typedef const char* (*OnErrorOccured)(BS2_DEVICE_ID deviceId, int errorCode);
```

1. *GetRootCaFilePath*

Callback function that is called when to retrieve the root CA file directory.

2. *GetServerCaFilePath*

Callback function that is called when to retrieve the server CA file directory.

3. *GetServerPrivateKeyFilePath*

Callback function that is called when to retrieve the server private key file directory.

4. *GetPassword*

Callback function that is called when to retrieve the password.

5. *OnErrorOccured*

Callback function that is called when an error has occurred.

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