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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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