

eSSL- eBioServer Web Hook

--- Web Hook Help Manual

Version : eBioserver Web Hook 1.1
Version Date : 19th May, 2023
No. of Pages : 4

About This Manual: This document introduces the Web Hook services for the user interface and operations of the eBioserver Web software

Content-Type: Application/Json

1. Data Sending Format :(Raw format in Postman) with encryption

```
{
  "data":
  "g7SnMsM4vv4EpO50Vc+XmqBMsR4J45bgYEX7U+tZ/ZzpUkfr94mVLNN5QMu+X6
+4gnBlHMAomYWdGvxOGP2Yz9k9Ht09CSGUS30t/lo+1p+QOneLNwVsG99AoP3fgJ
uAcMA3tAEg8mQzoNhDfwHaR7iZJ56IO5NF8ZzyN6gFO6446NOQ+DeGoFHatE1N3
EYC"
}
```

Symmetric key for encryption and decryption in C# using “Aes Class”

For example above data is encrypted using key

essl12341111111111111111111111111111

Master Settings in ebioserver Application: Set the Web URL and save the password

Symmetric key (encryption password)

After decrypt below json string will be received as below format:

```
{\"UserId\": \"1\", \"LogDateTime\": \"2023-05-19 16:27:09\", \"SerialNumber\":
\"AEXY182960104\", \"TransactionMode\": \"Fingerprint\", \"Direction\": \"\"}
```

Converted to class objects like below:

```
{  
  
  "UserId": "1255",  
  "LogDateTime": "2023-05-19 16:27:09",  
  "SerialNumber": "AEXY182960104",  
  "TransactionMode": "VS_FP",  
  "Direction": ""  
  
}
```

Return Response Format from webhookurl:

```
{  
  "StatusCode": "200",  
  "Message": "Success"  
}
```

Note: - If Password is saved in the eBioserver for web Hook

```
{  
  
  "data":  
  "g7SnMsM4vv4EpO50Vc+XmqBMs4J45bgyEX7U+tZ/ZzpUkfr94mVLNN5QMu+X6+4gnBl  
HMAomYWdGvxGP2Yz9k9Ht09CSGUS30t/lo+1p+QOneLNwVsG99AoP3fgJuAcMA3tAEg  
8mQzoNhDfwHaR7iZJ56IO5NF8ZzyN6gFO6446NOQ+DeGoFHatE1N3EYC"  
  
}
```

2. **Data Sending Format :(Raw format in Postman) without password**

Master Settings in ebioserver Application: Set the Web URL only

```
{  
  
  "UserId": "1255",  
  "LogDateTime": "2023-05-19 16:27:09",  
  "SerialNumber": "AEXY182960104",  
  "TransactionMode": "VS_FP",  
  "Direction": ""  
  
}
```

Then in both case s return Response Format from webhookurl:

```
{  
  "StatusCode": "200",  
  "Message": "Success"  
}
```

Note:-

1. Password should be 32 characters length
2. For example if password is less than 32 characters length : essl1234
3. we will use while encrypting: essl12341111111111111111111111111111