

eSSL- eBioServerNew Web Hook

--- Web Hook Help Manual

Version : eBioserverNew Web Hook 1.2
Version Date : 25th March, 2025
No. of Pages : 5

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

Content-Type: Application/Json

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

```
{  
  
  "data":  
  
  "  
  Di6Phzv3rD47HYiCbIM1+WG7A+jFMLtTlqbo9j+mIKNM3fTV9wy53Zcl20gaOTcd1bszoGlmmRKL7F  
  ZVY/Ynlh8wqLEjgiv5m7HJUjwpmMnknoJAF4sDGY2eC9xH7cHiwEAdwNO2XP1H+8xC4TYIQNqmq  
  eWc6634u4Aud2r60DXhYMKkNSWuFfbA9tzSX6bnfj7bHjqgrF5jSsE+eJy2NthGuP2T8W7Ew+/4EaZ  
  wV6XpfYEXZQQTivll+eJSS3mD/kbO6Zp5qe/axkyvLIQstCGh1+Fs2gdmHIsKYUNer1mnjYSBT3Aan  
  W07nls5tb7sZyD5PXqUZZXidvQX4qyrHIs6put3bmrGOvxU2ETxsr1AbDUv+fc1kAHCg3wBvsZgy10  
  nslMn0gHHmAboZEJSmwEmu3EDRm5gDJr+8Ot1CAmHCVWv4b3Txz8/NB7HAadC  
  
  "  
  
}
```

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

Encryption Mode : Cipher Block Chaining

Encryption Key Size: 256 Bit

For example above data is encrypted using key

essl12341111111111111111111111111111

eBioserverNew Application: Utilities

Set the Web Hook URL

Set Web Hook Response

You can enable or disable encryption

Set number of logs to be pushed to the url at time

Set the password

Symmetric key (encryption password)

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

```
{
  "EmployeeCode": "S1123",
  "DownloadDate": "2025-01-18 16:28:37",
  "LogDate": "2025-01-18 16:27:09",
  "DeviceName": "SilkBio",
  "SerialNumber": "AEXY182960104",
  "Direction": "IN",
  "DeviceDirection": "Device",
  "WorkCode": "0",
  "VerificationType": "Finger or Face or Card or Password",
  "GPS": "0,0"
}
```

Converted to class objects like below:

```
{
  "EmployeeCode": "S1123",
  "DownloadDate": "2025-01-18 16:28:37",
  "LogDate": "2025-01-18 16:27:09",
  "DeviceName": "SilkBio",
  "SerialNumber": "AEXY182960104",
  "Direction": "IN",
  "DeviceDirection": "Device",
  "WorkCode": "0",
  "VerificationType": "Finger or Face or Card or Password",
  "GPS": "0, 0"
}
```

Return Response Format from webhookurl:

Success

Note: - If Password is saved in the eBioserverNew for Web Hook

```
{
  "data":
  "
Di6Phzv3rD47HYiCblM1+WG7A+jFMLtTlqbo9j+mIKNM3fTV9wy53Zcl20gaOTcd1bszoGlmmRKL7FZVY/Ynl
h8wqLEjgiv5m7HJUjwpmMnknoJAF4sDGY2eC9xH7cHiwEAdwNO2XP1H+8xC4TYIQNmqeWc6634u4Aud
2r60DXhYMKkNSWuFfbA9tzSX6bnfj7bHjqgrF5jSsE+eJy2NthGuP2T8W7Ew+/4EaZwV6XpfYEXZQQTivll+eJ
SS3mD/kbO6Zp5qe/axkyvLIQstCGh1+Fs2gdmHIsKYUNer1mnjYSBT3AanW07nIs5tb7sZyD5PXqUZZXidvQX
4qyrHIs6put3bmrGOvxU2ETxsr1AbDUv+fc1kAHCg3wBvsZgy10nslMn0gHHmAboZEJSmwEmu3EDRm5gDJ
r+8Ot1CAmHCVWv4b3Txz8/NB7HAadC
"
}
```

eBioserverNew Application: Utilities

```
{
  "EmployeeCode": "S1123",
  "DownloadDate": "2025-01-18 16:28:37",
  "LogDate": "2025-01-18 16:27:09",
  "DeviceName": "SilkBio",
  "SerialNumber": "AEXY182960104",
  "Direction": "IN",
  "DeviceDirection": "Device",
  "WorkCode": "0",
  "VerificationType": "Finger or Face or Card or Password",
  "GPS": "0,0"
}
```

Success

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