





```
no xheader-encryption certificate-name
no xheader-encryption re-encryption
timestamp rounding egcdr round-off
flow end-condition timeout normal-end-signaling session-end charging-edr edr-flow-format
billing-records egcdr
action priority 3 ruledef 426_1_redirect charging-action 426_charged_with_Gy monitoring-key 2
action priority 4 ruledef 403_1_redirect charging-action 410_charged_with_Gy monitoring-key 2
action priority 5 ruledef 410_1_redirect charging-action 431_charged_with_Gy monitoring-key 2
action priority 7 ruledef 431_1 charging-action 431_charged_with_Gy
action priority 15 ruledef httpua charging-action 431_url_redirect
```

## CDR元素如下：

```
recordType EGSNPDPRECORD
servedIMSI 405540128802801
ggsnAddress 192.224.40.131
chargingID 157136633
sgsnAddress 192.224.40.136
accessPointNameNI xxxxxgprs.com
pdpType IPV4
servedPDPAddress 10.66.181.167
dynamicAddressFlag TRUE
recordOpeningTime 160906192638+0530
duration 130
causeForRecClosing Management Intervention
recordSequenceNumber 1
nodeID DELGW02
localSequenceNumber 524874817
apnSelectionMode MS or Network Provided and Subscription Verified
servedMSISDN 918933043178
chargingCharacteristics Prepaid
chargingCharSelMode SGSN Supplied
sgsnPLMNIdentifier 405, 54
imei-sv 3562370491918918
RATType GERAN
MSTimeZone +05:30
userLocationInformation 422-54-15-25111
```

```
ratingGroup 0
localSequenceNumber 87586425
timeOfFirstUsage 160906192838+0530
timeOfLastUsage 160906192838+0530
timeUsage 0
serviceConditionChange PDP context release
qoSInformationNeg 01 0b 61 1f 73 96 68 68 74 05 ff ff 00
sgsn-Address 192.224.20.136
sGSNPLMNIdentifier 405, 54
datavolumeFBCUplink 327
datavolumeFBCDownlink 112
timeOfReport 160906192848+0530
rATType GERAN
```

### CDR ELEMENTS FOLLOW

```
recordType EGSNPDPRECORD
servedIMSI 405540128802801
ggsnAddress 192.234.40.131
chargingID 157136633
sgsnAddress 223.224.40.136
accessPointNameNI xxxxgprs.com
pdpType IPV4
servedPDPAddress 192.66.181.167
dynamicAddressFlag TRUE
```

recordOpeningTime 160906192848+0530  
duration 0  
causeForRecClosing Management Intervention  
recordSequenceNumber 2  
nodeID DELGW02  
localSequenceNumber 524874818  
apnSelectionMode MS or Network Provided and Subscription Verified  
servedMSISDN 918933043178  
chargingCharacteristics Prepaid  
chargingCharSelMode SGSN Supplied  
sgsnPLMNIIdentifier 405, 54  
imei-sv 3562370491918918  
RATType GERAN  
MSTimeZone +05:30  
userLocationInformation 405-54-15-25111

ratingGroup 800  
resultCode 2001  
localSequenceNumber 87586426  
timeOfFirstUsage 160906192711+0530  
timeOfLastUsage 160906192724+0530  
timeUsage 13  
serviceConditionChange PDP context release  
qoSInformationNeg 01 0b 61 1f 73 96 68 68 74 05 ff ff 00  
sgsn-Address 192.124.40.136  
sGSNPLMNIIdentifier 405, 54  
datavolumeFBCUplink 124  
datavolumeFBCDownlink 0  
timeOfReport 160906192848+0530  
rATType GERAN

#### HEXDUMP-START

```
00 00 00 01 ....  
[V] [M] Charging-Rule-Install  
Code: 0x000003e9 (1001) Charging-Rule-Install  
Flags: 0xc0 (192) [V] [M]  
Length: 0x000003c (60)  
Vendor-Id: 0x000028af (10415) 3GPP  
[V] [M] Charging-Rule-Base-Name  
Code: 0x000003ec (1004) Charging-Rule-Base-Name  
Flags: 0xc0 (192) [V] [M]  
Length: 0x0000020 (32)  
Vendor-Id: 0x000028af (10415) 3GPP  
Data: REDIRECT_PLAN
```

## 結論

如果在計費操作中配置了billing-action egcdr，但沒有content-id，則根據此計費操作對資料流量計費，並在評分組為「0」的CDR中報告。