Anexo 7 - Caderno de Testes Dados IR35

.

Claro GPRS Checklist

GPRS Information	
APN Operator Identifier:	mnc005.mcc724.gprs
DNS IP address & name (primary):	201.23.188.12/DNSRJ01.mnc005.mcc724.gprs
	201.23.173.12/DNSSM01.mnc005.mcc724.gprs
DNS IP address & name (secondary):	201.23.188.44/ DNSRJ02.mnc005.mcc724.gprs
	201.23.173.44/ DNSSM02.mnc005.mcc724.gprs
Inter PLMN GSN Backbone IP address range(s):	200.169.127.0/27
	201.23.160.96/27
	201.23.164.0/26
	201.23.164.64/26
	201.23.165.0/26
	201.23.165.64/29
	201.23.165.128/28
	201.23.165.192/26
	201.23.166.0 /27
	201.23.170.64/29
	201.23.170.128/28
	201.23.170.144/28
	201.23.170.192/29
	201.23.171.0/26
	201.23.171.64/29
	201.23.171.128/28
	201.23.171.192/26
	201.23.173.0/26
	201.23.173.96/28
	201.23.174.0/26
	201.23.174.64/29
	201.23.174.128/28
	201.23.174.192/26
	201.23.175.0/27
	201.23.182.32/28
	201.23.182.64/29
	201.23.182.80/29
	201.23.182.128/28
	201.23.182.144/28
	201.23.182.192/29
	201.23.183.0/26
	201.23.183.128/26
	201.23.187.0/27
	201.23.187.32/27
	201.23.187.64/27
	201.23.187.96/27
	201.23.187.128/27
	201.23.187.160/27
	201.23.187.224/27
	201.23.187.192/27
	201.23.188.0/26
	201.23.188.96/28
	201.23.191.64/29
	201.23.191.128/28
	201.23.191.144/28
	201.23.191.192/29
	201.23.189.0/24
	201.23.183.192/26
	201.23.175.64/27
	201.23.175.96/27
	201.23.175.128/27
	201.23.183.64/27
	201.23.183.96/27
	201.23.191.0/26

Autonomous System Number:	22085
Used GRX operator(s):	France Telecom & Aicent
List of APN's available for testing:	claro.com.br
	bandalarga.claro.com.br
	java.claro.com.br
	streaming.claro.com.br
	blackberry.net
	poc.claro.com.br
GTP Version	1
Vendor information SW/HW version for core NW (SGSN, GGSN, HLR): (optional field)	Ericsson & Nokia

APN Details	
Java	
APN	java.claro.com.br
VPLMNACC	no
Username	claro
Password	claro
Internet	
APN	claro.com.br
VPLMNACC	no
Username	claro
Password	claro
MMS	
APN	mms.claro.com.br
VPLMNACC	no
Username	claro
Password	claro
MMS gateway IP address	200.169.126.10
Port primary /secondary	WAP 1.0: 9200/9201/9202/9203 or WAP 2.0: 8799
Homepage	http://mms.claro.com.br
WAP	
APN	wap.claro.com.br
VPLMNACC	no
Username	claro
Password	claro
WAP Gateway IP address	200.169.126.11
Port primary /secondary	WAP 1.0: 9200/9201/9202/9203 or WAP 2.0: 8799
Homepage	http://wap.claro.com.br
Streaming	
APN	streaming.claro.com.br
VPLMNACC	no
Username	claro
Password	claro

APPENDIX A
IREG GPRS Test Results for Mobile Stations of HPLMN(a) Roaming to VPLMN(b)

A.1.1   Roaming Scenario to be Tested

HPLMN(a)	**VPLMN(b)**	
GPRS R97/98	GPRS R97/98	☑
GPRS R99/UMTS	GPRS R97/98	☐
GPRS R97/98	GPRS R99/UMTS	☐
GPRS R99/UMTS	GPRS R99/UMTS	☐

A.1.2   Network Operator Information

HPLMN (a)	**CLARO - BRAZIL**
VPLMN (b)	
Date of Tests	
Testing personnel PLMN(a)	
Tel/Fax:	
E-mail:	
Testing personnel PLMN(b)	
Tel/Fax:	
E-mail:	
HLR Identity/Identities	see IR21
HLR Manufacturer(s)	ERICSSON
HLR Software Build Level(s)	R10
SGSN Identity/Identities	
SGSN Manufacturer(s)	
SGSN Software Build Level(s)	
GGSN Identity/Identities	200.169.127.49 / 200.169.124.49
H-GGSN Manufacturer(s)	NORTEL
H-GGSN Software Build Level(s)	GPRS 5.0
SMS-SC Identity / Identities	see IR21
SMS-SC Manufacturer(s)	see IR21
SMS-SC Software Build Level(s)	see IR21
MMSC Identity / Identities	see IR21
MMSC Manufacturer(s)	see IR21
MMSC Software Build Level(s)	see IR21

Comments

A 2 1 1
A 2.1. BASIC TEST RESULTS
A 2.1.1 GPRS-Attach of MS1(a) in VPLMN(b) (GPRS Attach only)

MSC/VLR Record contents:

(a) MSISDN

(b) IMSI

(c) HLR E.164 address

SGSN Record contents:

(d) MSISDN

(e) IMSI

(f) MM State

(g) SGSN Address

(h) Comments

Test case Result

Signature of Tester

Date

Time

A 2 2 1
GPRS PDP Context Activation by MS1(a) in VPLMN(b)
(user provides Network-ID and no Operator-ID and is not allowed to use visited GGSN)
A 2.2.1 Intranet access of MS1(a) in VPLMN(b) using home GGSN
Expected Result :The tunnel shall be opened and the application work successfully

(a)	MSISDN of originating MS (i.e.MS1(a))	
(b)	Access Point Name keyed into MS1(a)	**wap.claro.com.br**
(c)	MS type & software used	
(d)	Time of PDP-context activation	hr/min/sec
(e)	Application usage successful ?	▼
(f)	Time of PDP-context deactivation	hr/min/sec
(g)	Overall duration of context	hr/min/sec
(h)	Total Data Sent during context	bytes
(i)	Total Data Received during context	bytes
(j)	IP address assigned	
(k)	Comments	

Test case Result ▼

Signature of Tester   Date

A 2 2 4 - A
ISP/Internet access of MS1(a) in VPLMN(b) using home GGSN
(user provides Network-ID and no Operator-ID and is not allowed to use visited GGSN)
Expected Result :The tunnel shall be opened and the application work successfully

(a)	MSISDN of originating MS (i.e.MS1(a))	
(b)	Access Point Name keyed into MS1(a)	**claro.com.br**
(c)	MS type & software used	
(d)	Time of PDP-context activation	hr/min/sec
(e)	Application usage successful ?	▼
(f)	Time of PDP-context deactivation	hr/min/sec
(g)	Overall duration of context	hr/min/sec
(h)	Total Data Sent during context	bytes
(i)	Total Data Received during context	bytes
(j)	IP address assigned	
(k)	Comments	

Test case Result   -   ▼

Signature of Tester   Date

A 2 2 4 - B
ISP/Internet access of MS1(a) in VPLMN(b) using home GGSN
(user provides Network-ID and no Operator-ID and is not allowed to use visited GGSN)
Expected Result :The tunnel shall be opened and the application work successfully

(a)	MSISDN of originating MS (i.e.MS1(a))	
(b)	Access Point Name keyed into MS1(a)	**java.claro.com.br**
(c)	MS type & software used	
(d)	Time of PDP-context activation	hr/min/sec
(e)	Application usage successful ?	▼
(f)	Time of PDP-context deactivation	hr/min/sec
(g)	Overall duration of context	hr/min/sec
(h)	Total Data Sent during context	bytes
(i)	Total Data Received during context	bytes
(j)	IP address assigned	
(k)	Comments	**Optional**

Test case Result   -   ▼

Signature of Tester   Date

A 2 4
Operator Control of Service

A 2.4.1 Location cancellation for MS1(a)-Subscription held in VPLMN(b)

SGSN Record contents prior to cancellation ?

(a)   MSISDN

(b)   IMSI

(c)   SGSN Record Erased

(d)   GGSN(a) or GGSN (b) record erased?

(e)   PDP context deactivation successful?

(f)   Time delay between HLR deleting subscription and SGSN erasing record ⬚ seconds.

(g)   Comments

Test case Result   -

Signature of Tester   Date

                                         Time

A 2.4.2 Operator Determined Barring for all MS init PDP context activations of MS1(a)PLMN(b)

(a)   MSISDN of $MS_1(a)$

(b)   Operator performed barring towards PDP-context activation from HLR

(c)   SGSN record contains barring tags

(d)   Perform PDP-context activation from $MS_1(a)$. Is it successful?

(e)   Comments

Test case Result   -

Signature of Tester   Date

                                         Time

B 2.4.1
MMS Roaming: Mobile originated and terminated MMS (MS1(a) / MS2(a))
Send MO/MT Multimedia message (max. 30 kB) including pictureimage / voiceaudio / text

	Access Point Name keyed into MS1(a) and MS1(b)	**mms.claro.com.br**
(a)	MSISDN of MS1	
(b)	IMSI of MS1	
(c)	MSISDN of MS2	
(d)	IMSI of MS2	
(e)	Time of transmitting to MMSC	hr/min/sec
(f)	Amount of data sent	bytes
(g)	Amount of data received	bytes
(h)	Time of notification receipt of MMS at MS2	hr/min/sec
(i)	Time of message receipt of MMS at MS2	hr/min/sec
(j)	Amount of data sent	bytes
(k)	Amount of data received	bytes
(l)	MS type & software used	
(m)	Was message correctly received?	
(n)	Comments	

Test case Result

Signature of Tester   Date

Expected Result

MS1(b) sends the message without error messages and MS2(a) receives the notification and fetches the message correctly. If case delivery report is used, the delivery report should be successfully received.

APPENDIX C

Completion Certificate for IREG GRPS Testing for Inter-PLMN Roaming

Completion Certificate for MoU-IREGGRPS Testing for Inter-PLMN Roaming

This certificate confirms the successful completion of mandatory MoU-IREG-GPRS Tests for Mobile
Subscribers of | **CLARO** | PLMN (a) visiting | | PLMN (b)

The roaming case tested was :

HPLMN(a)	**VPLMN(b)**	
GPRS R97/98	GPRS R97/98	☑
GPRS R99/UMTS	GPRS R97/98	☐
GPRS R97/98	GPRS R99/UMTS	☐
GPRS R99/UMTS	GPRS R99/UMTS	☐

The Services tested were:-

GPRS attach only   N/A ▼

GPRS PDP context activation   N/A ▼

Operator Control of Service   N/A ▼

Other comments

The tests were completed on | | (date)

The testing team in PLMN (b) | |

were: | |

The testing team in PLMN (a) | **Claro** |

were: | |

Signed | | Date | |

of PLMN (b) | |

Signed | | Date | |

of PLMN (a) | **Claro** |

End Of Appendix C