

UPoint-DTU

API SPECIFICATION

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1 Version History

Version	Change logs	Date
1.0	Initial document	August 16, 2018
1.1	Adding new product	October 11, 2018
1.2	Update parameter payment_info, user info and info details. Callback for pending transaction method move to obsolete API	February 12, 2020

2 Developer API Specification

2.1 InquiryAPI

Name	Inquiry API
Overview	Inquiry data user Direct Topup
Endpoint	/api_dtu/inquiry

Parameters

Parameter	Name	Required	Overview	Value
This API accepts Content-Type: application/x-www-form-urlencoded, HTTP POST method. This data is in an associated array format that includes the following fields:				
partner_id	Partner Id	Required	Partner Identification	Integer
trx_id	Transaction Id	Required	Unique Partner Transaction ID	String [32]
product	Product Code	Required	Product Code	String Appendix 3.2
item	Item Code	Required	Item Code	String Appendix 3.3
user_info	User Info	Required	User Detail Information	Json Array Appendix 3.4
signature	Signature	Required	Message validation: sha1(trx_id +product + item + user_info + secret_token)	String [40]

Return Result

Parameter	Name	Overview	Value
status	Transaction status	Transaction status	Integer Appendix 3.1
status_msg	Transaction status	Description of transaction status	String
trx_id	Partner transaction id	Partner transaction id	String [32]
t_id	UPoint Reference Number	UPoint Transaction ID	String [32]
info	Information	Detail Information from Publisher	Associative array Appendix 3.5

2.2 Confirmation API

Name	PaymentAPI
Overview	Confirm payment api using trx_id that already requested in section2.1
Endpoint	/api_dtu/payment

Parameters

Parameter	Name	Required	Overview	Value
This API accepts Content-Type: application/x-www-form-urlencoded, HTTP POST method. This data is in an associated array format that includes the following fields:				
partner_id	Partner Id	Required	Partner Identification	Integer
trx_id	Transaction Id	Required	Unique Partner Transaction ID	String [32]
signature	signature	Required	Message validation: sha1(trx_id +secret_token)	String [40]
payment_info	Payment Info	Required (for some games Appendix 3.6.1)	Example: {"packed_role_id": "999999"}	Json

Return Result

Parameter	Name	Overview	Value
status	Transaction status	Transaction status	Integer Appendix 3.1
status_msg	Transaction status	Description of transaction status	String
trx_id	Partner transaction id	Partner transaction id	String [32]
t_id	UPoint Reference Number	UPoint Transaction ID	String [32]
info	Information	Detail Information from Publisher	Associative array Appendix 3.5

2.3 Check Transaction API

Name	Check transaction
Overview	Check transaction api using trx_id that already requested in section 2.1
URL Production	/api_dtu/checkstatus

Parameters

Parameter	Name	Required	Overview	Value
This API accepts Content-Type: application/x-www-form-urlencoded, HTTP POST method. This data is in an associated array format that includes the following fields:				
partner_id	Partner Id	Required	Partner Identification	Integer
trx_id	Transaction Id	Required	Unique Partner Transaction ID	String [32]
signature	signature	Required	Message validation: sha1(trx_id +secret_token)	String [40]

Return Result

Parameter	Name	Overview	Value
status	Transaction status	Transaction status	Integer Appendix 3.1
status_msg	Transaction status	Description of transaction status	String
trx_id	Partner transaction id	Partner transaction id	String [32]
t_id	UPoint Reference Number	UPoint Transaction ID	String [32]
info	Information	PPOB Information	Associative array Appendix 3.5

2.4 Callback for Pending Transaction (Obsolete)

Name	Callback
Overview	Call publisher callback URL defined in section 2.1 if transaction is pending

Parameters

Parameter	Name	Overview	Value
status	Transaction status	Transaction status	Integer Appendix 3.1
status_msg	Transaction status	Description of transaction status	String
trx_id	Partner transaction id	Partner transaction id	String [32]
t_id	UPoint Reference Number	UPoint Transaction ID	String [32]
info	Information	PPOB Information	Associative array Appendix 3.5

Return Result

Parameter	Name	Overview	Value
Http Response Code: 200 Content-Type: application/json			
result	Notification status	Notification status	Boolean: true

3 Appendix

3.1 Status Code List

Status	Name	Overview
0	Init	Init state
1	Pending	Transaction pending, please wait for callback
100	Success	Request successful
200	Bad Request	Input not valid
201	Missing Param	Missing one or more parameter(s)
202	Invalid Param	Parameter not valid
203	Auth Failed	IP / Signature invalid
300	Rejected	Transaction rejected by partner
301	Expired	Transaction expired
4xx	Internal Error	Internal error
1000	Maintenance	Server is in maintenance mode

3.2 Product List

Item code list will be provided by UPoint

3.3 Item CodeList

Item code list will be provided by UPoint

3.4 User Info

3.4.1 Free Fire, AoV, Call of Duty Mobile, Speed Drifters, Point Blank

Parameter	Overview	Value
user_id	User ID (ID Game)	String
user_ip	User IP Address	String

3.4.2 Mobile Legends (mobile_legends)

Parameter	Overview	Value
user_id	User ID (ID Game)	String
zone_id	Zone ID	String

3.4.3 Marvel , Life After, ROH

Parameter	Overview	Value
user_id	User ID (ID Game)	String
server_id	Zone ID	String

3.5 Info

Parameter	Overview	Value
product	Product Code	String
item	Item Code	String
amount	Amount	Integer
user_info	User Info	Json Array
time	Time	Time String
details	Info Details	(Appendix 3.6)

3.6 Info Details

3.6.1 Freefire, Arena of Valor, Call of Duty, Speed Drifters

Parameter	Overview	Value
packed_role_id	Packed role ID (always 0 for Freefire)	Integer
server_name	Server ID	String
role_name	Role Name	String

3.6.2 Mobile Legends, ROH, Life After, Marvel

Parameter	Overview	Value
username	User Name	String

3.6.3 Point Blank

Parameter	Overview	Value
user_id	User ID	String