API Defender

####: https://vbank.open.bankingapi.ru/

######: fast

########: 60370 ##

#####

########:

High: 5

Low: 12

Medium: 35

#########:

• RateLimit: 3

• SecurityHeaders: 5

• CORS: 4

• MassAssignment: 1

HPP: 7IDOR: 2

• MethodOverride: 30

######:

RateLimit: 8220 ##

SecurityHeaders: 279 ##ExcessiveData: 9950 ##

• CORS: 1126 ##

• HPP: 5360 ##

MassAssignment: 258 ##

WeakAuth: 1244 ##BFLA: 1639 ##

Injection: 18298 ##IDOR: 56724 ##

MethodOverride: 8472 ##VerboseErrors: 9367 ##

#####:

rateBurst: 5idorMax: 2injectionOps: 6

operationsPlanned: 65

(## t5000):

/accounts/{account_id} (125 ms)

- /accounts/{account_id}/balances (125 ms)
- /auth/login (0 ms)

#####	####	#######

POST	/accounts	### ###### ## ##### # OpenAPI: 401
GET	/admin/payments	### ###### ## ##### # OpenAPI: 500
PUT	/accounts/{account_id}/status	### ###### ## ##### # OpenAPI: 401
DELETE	/account-consents/{consent_id}	### ###### ## ##### # OpenAPI: 404
PUT	/accounts/{account_id}/close	### ###### ## ##### # OpenAPI: 401
POST	/payments	### ###### ## ##### # OpenAPI: 401
POST	/domestic-vrp-payments	### ###### ## ##### # OpenAPI: 401
GET	/auth/me	### ###### ## ##### # OpenAPI: 401
GET	/accounts	### ###### ## ##### # OpenAPI: 401
GET	/accounts/{account_id}	### ###### ## ##### # OpenAPI: 500
GET	/accounts/{account_id}/transactions	### ###### ## ##### # OpenAPI: 500
GET	/account-consents/{consent_id}	### ###### ## ##### # OpenAPI: 404
GET	/accounts/{account_id}/balances	### ###### ## ##### # OpenAPI: 500
GET	/payments/{payment_id}	### ###### ## ##### # OpenAPI: 401
GET	/domestic-vrp-payments/{payment_id}	### ###### ## ##### # OpenAPI: 401
DELETE	/product-application/{application_id}	### ###### ## ##### # OpenAPI: 401
DELETE	/product-agreements/{agreement_id}	### ###### ## ##### # OpenAPI: 401
POST	/product-application	### ###### ## ##### # OpenAPI: 401
POST	/product-agreements	### ###### ## ##### # OpenAPI: 401
DELETE	/customer-leads/{customer_lead_id}	### ###### ## ##### # OpenAPI: 404
DELETE	/product-offers/{offer_id}	### ###### ## ##### # OpenAPI: 404
POST	/product-offer-consents	### ###### ## ##### # OpenAPI: 401
DELETE	/product-offer-consents/{consent_id}	### ###### ## ##### # OpenAPI: 404
POST	/vrp-consents	### ###### ## ##### # OpenAPI: 401
DELETE	/vrp-consents/{consent_id}	### ###### ## ##### # OpenAPI: 401
PUT	/banker/consents/{request_id}/approve	### ###### ## ##### # OpenAPI: 404
PUT	/banker/consents/{request_id}/reject	### ###### ## ##### # OpenAPI: 404
GET	/products/{product_id}	### ###### ## ##### # OpenAPI: 404
GET	/product-agreements/{agreement_id}	### ###### ## ##### # OpenAPI: 401
GET	/product-agreements	### ###### ## ##### # OpenAPI: 401
GET	/product-application	### ###### ## ##### # OpenAPI: 401
GET	/product-application/{application_id}	### ###### ## ##### # OpenAPI: 401

GET	/customer-leads/{customer_lead_id}	### ###### ## ##### # OpenAPI: 404
GET	/product-offers/{offer_id}	### ###### ## ##### # OpenAPI: 404
GET	/vrp-consents/{consent_id}	### ###### ## ##### # OpenAPI: 401
GET	/product-offer-consents/{consent_id}	### ###### ## ##### # OpenAPI: 404
GET	/banker/clients/{client_id}	### ###### ## ##### # OpenAPI: 404

#####	####	######
GET	/openapi.json	200

##########

########	###########	#####	#######	######
				##### ######
				GET https://vbank.open.b Authorization: ***
			###########	#####
SecurityHeaders	Low GET	GET/	######## X- Content-Type- Options	Status: 200 content-length: 81 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"bank":"Virtual Bank","
	Medium GET /		##########	#####: GET_https_vbank_ #####
				######
				GET https://vbank.open.b Authorization: ***
				#####
CORS		######################################	Status: 200 content-length: 81 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"bank":"Virtual Bank","	

				######: GET_https_vbank
				##### ######
				GET https://vbank.open.b Authorization: ***
				#####
SecurityHeaders	Low	GET /	######### X- Frame-Options	Status: 200 content-length: 81 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit
				{"bank":"Virtual Bank","
				######: GET_https_vbank_
				##### ######
	Low	GET /	########## ######## Referrer-Policy	GET https://vbank.open.b Authorization: ***
				#####
SecurityHeaders				Status: 200 content-length: 81 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit
				{"bank":"Virtual Bank","
				######: GET_https_vbank_
				##### ######
				GET https://vbank.open.b Authorization: ***
SecurityHeaders				#####
	Low GET /	######### ######## Permissions- Policy	Status: 200 content-length: 81 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit	
			{"bank":"Virtual Bank","	

				######: GET_https_vbank_
				##### ######
				GET https://vbank.open.b Authorization: ***
				#####
SecurityHeaders	Low	GET/	######################################	Status: 200 content-length: 81 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit
				{"bank":"Virtual Bank","
				######: GET_https_vbank_
				##### ######
		GET/	############### ########## Access-Control- Allow-Origin	GET https://vbank.open.b Authorization: ***
	Medium			#####
CORS				Status: 200 content-length: 81 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit
				{"bank":"Virtual Bank","
				######: GET_https_vbank_
				##### ######
				GET https://vbank.open.b Authorization: ***
			##########	#####
CORS	Medium GET /status	GET /status	######### Access-Control- Allow-Origin	Status: 404 content-length: 22 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":"Not Found"}

				######: GET_https_vbank_		
				<pre>###### ###### GET https://vbank.open.b Authorization: ***</pre>		
			##########	#####		
CORS	Medium	Medium C	GET /health	GET /health ######## Access-Control- Allow-Origin		Status: 200 content-length: 71 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit
				{"status":"ok","bank":"v		
				######: GET_https_vbank_		
				##### ######		
	High	POST /auth /login	######################################	POST https://vbank.open. Authorization: *** Content-Type: applicatio {"username":"test","isAd		
				#####		
MassAssignment				Status: 422 content-length: 156 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":[{"type":"miss true,"role":"admin","bal		
				######: POST_https_vban		
RateLimit	Low	GET /auth /login	######################################	##### ######: ratelimit-checked-&		
				##### ######		
				GET https://vbank.open.b Authorization: *** X-Role: admin		
				#####		

HPP	Low	GET /auth /login	######################################	Status: 405 allow: POST content-length: 31 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail": "Method Not Al
HPP	Low	GET /auth /me	######################################	###### GET https://vbank.open.b Authorization: *** X-Role: admin ##### Status: 401 content-length: 43 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":"Could not val ######: GET_https_vbank_
HPP	Low	GET /auth /bank-token	######################################	###### GET https://vbank.open.b Authorization: *** X-Role: admin ##### Status: 405 allow: POST content-length: 31 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":"Method Not Al ######: GET_https_vbank
				##### ######

HPP	Low	GET /auth /banker- login	######################################	GET https://vbank.open.b Authorization: *** X-Role: admin ##### Status: 405 allow: POST content-length: 31 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":"Method Not Al
HPP	Medium	GET /auth /random- demo-client	######## HTTP Parameter Pollution (query); JSON ##########	##### ###### GET https://vbank.open.b Authorization: *** ##### Status: 200 content-length: 82 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"person_id":"demo-003", ######: GET_https_vbank_open_bajson
HPP	Low	GET /auth /random- demo-client	######################################	<pre>##### ###### GET https://vbank.open.b Authorization: *** X-Role: admin ##### Status: 200 content-length: 82 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"person_id":"demo-001",</pre>

				######: GET_https_vbank_
				##### ######
				GET https://vbank.open.b Authorization: *** X-Role: admin
			################	#####
HPP	Low	GET /accounts	HPP # ######### (##### X-Role)	Status: 401 content-length: 25 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit
				{"detail":"Unauthorized"
				######: GET_https_vbank_
				##### ######
			##########	GET https://vbank.open.b Authorization: ***
				#####
RateLimit	High	GET /accounts/ {account_id}	/###### ## ####### ####### (429 /5xx)	Status: 500 content-length: 21 content-security-policy: content-type: text/plain date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit
				Internal Server Error
				######: GET_https_vbank_ json
				##### ######
				GET https://vbank.open.b Authorization: ***
				#####
RateLimit	High	GET /accounts/ {account_id} /balances	######################################	Status: 500 content-length: 21 content-security-policy: content-type: text/plain date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit Internal Server Error
		, saidi 1000	/5xx)	server: nginx/***

				#######: GET_https_vbank_open_ba
				##### ######
				POST https://vbank.open. Authorization: *** X-HTTP-Method-Override:
			############	#####
MethodOverride	Medium	POST /auth /login	#####-override ##### X-HTTP- Method-Override	Status: 422 content-length: 82 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":[{"type":"miss
				##### ######
				POST https://vbank.open. Authorization: ***
			############	#####
MethodOverride	Medium	POST /auth /login	#####-override ##### _method=query	Status: 422 content-length: 82 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":[{"type":"miss
				######: POST_https_vban
				##### ######
				POST https://vbank.open. Authorization: *** X-Original-Method: DELET
			############	#####
MethodOverride	Medium	POST /auth /login	#####-override ##### X-Original- Method	Status: 422 content-length: 82 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0

				<pre>server: nginx/*** strict-transport-securit</pre>
				{"detail":[{"type":"miss
				######: POST_https_vban
				##### ######
				POST https://vbank.open. Authorization: *** X-HTTP-Method: DELETE
		DOOT / II	############	#####
MethodOverride	Medium	POST /auth /login	#####-override ##### X-HTTP- Method	Status: 422 content-length: 82 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit
				{"detail":[{"type":"miss
				######: POST_https_vban
				##### ######
				POST https://vbank.open. Authorization: *** X-Method-Override: DELET
		POST /auth	######################################	#####
MethodOverride	Medium	/login	##### X-Method- Override	Status: 422 content-length: 82 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit
				{"detail":[{"type":"miss
				######: POST_https_vban
				##### ######
				POST https://vbank.open. Authorization: *** Content-Type: applicatio
			############	#####
MethodOverride	Medium	POST /auth /login	#####-override #####	Status: 422 content-length: 161 content-security-policy:

			_method=form	<pre>content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":[{"type":"mode extract fields from","in</pre> #######: POST_https_vban
MethodOverride	Medium	POST /auth /me	######################################	##### POST https://vbank.open. Authorization: *** X-HTTP-Method-Override: ##### Status: 405 allow: GET content-length: 31 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":"Method Not Al
MethodOverride	Medium	POST /auth /me	############################## _method=query	###### POST https://vbank.open. Authorization: *** ##### Status: 405 allow: GET content-length: 31 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":"Method Not Al ######: POST_https_vbank
				<pre>###### POST https://vbank.open. Authorization: *** X-Original-Method: DELET #####</pre>

MethodOverride	Medium	POST /auth /me	######################################	Status: 405 allow: GET content-length: 31 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":"Method Not Al
MethodOverride	Medium	POST /auth /me	######################################	##### POST https://vbank.open. Authorization: *** X-HTTP-Method: DELETE ##### Status: 405 allow: GET content-length: 31 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":"Method Not Al
MethodOverride	Medium	POST /auth /me	######################################	###### POST https://vbank.open. Authorization: *** X-Method-Override: DELET ##### Status: 405 allow: GET content-length: 31 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/** strict-transport-securit {"detail": "Method Not Al ######: POST_https_vban
				##### ######

MethodOverride	Medium	POST /auth /me	################################### _method=form	POST https://vbank.open. Authorization: *** Content-Type: applicatio ##### Status: 405 allow: GET content-length: 31 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/** strict-transport-securit {"detail": "Method Not Al
IDOR	High	GET /accounts/ {account_id}	######################################	###### GET https://vbank.open.b Authorization: *** ##### Status: 200 content-length: 224 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"data":{"account":[{"ac accountSubType":"Checkin 25"}]}} ######: GET_https_vbank
MethodOverride	Medium	POST /auth /bank-token	######################################	<pre>###### ###### POST https://vbank.open. Authorization: *** X-HTTP-Method-Override: ##### Status: 422 content-length: 182 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/** strict-transport-securit {"detail":[{"type":"miss loc":["query","client_se</pre>

				######: POST_https_vban
			<pre>##### ###### POST https://vbank.open. Authorization: ***</pre>	
MethodOverride	Medium	POST /auth /bank-token	############################# _method=query	Status: 422 content-length: 182 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":[{"type":"miss loc":["query","client_se
				######: POST_https_vban
				##### ######
			#############	POST https://vbank.open. Authorization: *** X-Original-Method: DELET
				#####
MethodOverride	Medium	POST /auth /bank-token	#####-override ##### X-Original- Method	Status: 422 content-length: 182 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":[{"type":"miss loc":["query","client_se
				######: POST_https_vban
				######
				POST https://vbank.open. Authorization: *** X-HTTP-Method: DELETE
			<u>###########</u>	#####
MethodOverride	Medium	POST /auth /bank-token	######################################	Status: 422 content-length: 182 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit

MethodOverride Medium POST /auth #/bank-token #	######################################	<pre>##### ###### POST https://vbank.open. Authorization: *** X-Method-Override: DELET ##### Status: 422 content-length: 182 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0</pre>
		<pre>server: nginx/*** strict-transport-securit {"detail":[{"type":"miss loc":["query","client_se #######: POST_https_vban</pre>
MethodOverride Medium POST /auth #/bank-token #	#################################### _method=form	<pre>##### ##### POST https://vbank.open. Authorization: *** Content-Type: applicatio ##### Status: 422 content-length: 182 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":[{"type":"miss loc":["query","client_se</pre> #######: POST_https_vban
POST /auth	######################################	<pre>##### ###### POST https://vbank.open. Authorization: *** X-HTTP-Method-Override: ##### Status: 422</pre>

	login	Method-Override	<pre>content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":[{"type":"miss loc":["body","password"] #######: POST_https_vban</pre>
			##### ######
			POST https://vbank.open. Authorization: ***
			#####
MethodOverride		######################################	Status: 422 content-length: 174 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":[{"type":"miss loc":["body","password"]
			######: POST_https_vban
			<pre>###### ###### POST https://vbank.open. Authorization: *** X-Original-Method: DELET</pre>
		######################################	#####
MethodOverride	POST /auth /banker-login		Status: 422 content-length: 174 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/** strict-transport-securit
			{"detail":[{"type":"miss loc":["body","password"]
			######: POST_https_vban
			##### ######
			POST https://vbank.open. Authorization: *** X-HTTP-Method: DELETE

MethodOverride	Medium	POST /auth /banker-login	######################################	##### Status: 422 content-length: 174 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":[{"type":"miss loc":["body","password"] ######: POST_https_vban
MethodOverride	Medium	POST /auth /banker- login	######################################	##### POST https://vbank.open. Authorization: *** X-Method-Override: DELET ##### Status: 422 content-length: 174 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":[{"type":"miss loc":["body","password"] ######: POST_https_vban
MethodOverride	Medium	POST /auth /banker- login	################################### _method=form	###### POST https://vbank.open. Authorization: *** Content-Type: applicatio ##### Status: 422 content-length: 174 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":[{"type":"miss loc":["body","password"] ######: POST_https_vbank
				##### ######

MethodOverride	Medium	POST /auth /random- demo-client	######################################	POST https://vbank.open. Authorization: *** X-HTTP-Method-Override: ##### Status: 405 allow: GET content-length: 31 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/** strict-transport-securit {"detail":"Method Not Al
MethodOverride	Medium	POST /auth /random- demo-client	################################# _method=query	###### POST https://vbank.open. Authorization: *** ##### Status: 405 allow: GET content-length: 31 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/** strict-transport-securit {"detail":"Method Not Al
MethodOverride	Medium	POST /auth /random- demo-client	######################################	###### POST https://vbank.open. Authorization: *** X-Original-Method: DELET ##### Status: 405 allow: GET content-length: 31 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":"Method Not Al ######: POST_https_vbank

MethodOverride	Medium	POST /auth /random- demo-client	######################################	##### POST https://vbank.open. Authorization: *** X-HTTP-Method: DELETE ##### Status: 405 allow: GET content-length: 31 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":"Method Not Al ######: POST_https_vbank
MethodOverride	Medium	POST /auth /random- demo-client	######################################	###### POST https://vbank.open. Authorization: *** X-Method-Override: DELET ##### Status: 405 allow: GET content-length: 31 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":"Method Not Al ######: POST_https_vbank
MethodOverride	Medium	POST /auth /random- demo-client	#################################### _method=form	##### POST https://vbank.open. Authorization: *** Content-Type: applicatio ##### Status: 405 allow: GET content-length: 31 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit

				{"detail":"Method Not Al
				###### #######
IDOR High				GET https://vbank.open.b Authorization: ***
				#####
	GET /accounts/ {account_id} /balances	######################################	Status: 200 content-length: 359 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"data":{"balance":[{"ac	
				<pre>amount":{"amount":"37810 InterimBooked","dateTime creditDebitIndicator":"C</pre>
				######: GET_https_vbank_