API Defender

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

######: fast

########: 21593 ##

#####

########:

High: 5

Low: 12

Medium: 34

#########:

• RateLimit: 3

• SecurityHeaders: 5

• CORS: 4

• MassAssignment: 1

HPP: 6IDOR: 2

• MethodOverride: 30

######:

RateLimit: 8454 ##

SecurityHeaders: 183 ##ExcessiveData: 10050 ##

• CORS: 581 ##

MassAssignment: 302 ##

WeakAuth: 1139 ##BFLA: 1192 ##

• HPP: 5454 ##

Injection: 18150 ##IDOR: 18064 ##

MethodOverride: 8729 ##VerboseErrors: 9351 ##

#####:

rateBurst: 5idorMax: 2injectionOps: 6

operationsPlanned: 65

(## t5000):

- /accounts/{account_id} (127 ms)
- /accounts/{account_id}/balances (125 ms)
- /auth/login (0 ms)

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

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

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

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

##########

########	###########	#####	#######	#####
CORS	Medium	GET/	######################################	##### ##### GET https://vbank.open.b Authorization: *** ##### 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
SecurityHeaders	Low	GET /	############### X- Content-Type- Options	<pre>##### ###### GET https://vbank.open.b Authorization: *** ##### 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","</pre>

				######: 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 /			GET https://vbank.open.b Authorization: ***
			############## ######### Referrer-Policy	#####
SecurityHeaders		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 https://vbank.open.b Authorization: ***
SecurityHeaders				#####
	ers 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 G			#####
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	######### 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	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 isAdmin":true,"role":"ad
				######: 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
				######: GET_https_vbank_ #####
				###### GET https://vbank.open.b
		GET /auth /random- demo-client	######################################	Authorization: *** X-Role: admin
HPP Low	Low			##### 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", ######: GET_https_vbank_
				##### ######
				GET https://vbank.open.b Authorization: *** X-Role: admin
			###############	#####
HPP Low	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_

RateLimit	High	GET /accounts/ {account_id}	######################################	###### GET https://vbank.open.b Authorization: *** ##### 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
RateLimit	High	GET /accounts/ {account_id} /balances	######################################	###### GET https://vbank.open.b Authorization: *** ##### 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_open_bajson
MethodOverride	Medium	POST /auth /login	######################################	<pre>##### ###### POST https://vbank.open. Authorization: *** X-HTTP-Method-Override: ##### Status: 422 content-length: 82 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/***</pre>

				strict-transport-securit
				{"detail":[{"type":"miss
				######: POST_https_vban
				##### ######
				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 server: nginx/*** strict-transport-securit {"detail":[{"type":"miss} #######: POST_https_vban
				##### ######
				POST https://vbank.open. Authorization: *** X-HTTP-Method: DELETE
			############	#####
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
		DOOT / II	###########	#####
MethodOverride	Medium	POST /auth /login	#####-override ##### 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 ##### _method=form	Status: 422 content-length: 161 content-security-policy: content-type: applicatio date: Thu, 30 Oct 2025 0 server: nginx/*** strict-transport-securit {"detail":[{"type":"mode extract fields from","in
				######: POST_https_vban
				##### ######
				POST https://vbank.open. Authorization: *** X-HTTP-Method-Override:
			############	#####
MethodOverride	Medium	POST /auth /me	#####-override ##### X-HTTP-	Status: 405 allow: GET

			Method-Override	<pre>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</pre>
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_vban
MethodOverride	Medium	POST /auth /me	######################################	###### 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.open. Authorization: *** X-HTTP-Method: DELETE

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 ######: POST_https_vban
IDOR	High	GET /accounts/ {account_id}	######################################	<pre>##### ###### 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</pre>
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
				##### ######

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 ######: POST_https_vban.
MethodOverride	Medium	POST /auth /bank-token	######################################	##### 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 ######: POST_https_vban.
MethodOverride	Medium	POST /auth /bank-token	#####################################method=query	##### POST https://vbank.open. Authorization: *** ##### 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

MethodOverride	Medium	POST /auth /bank-token	######################################	<pre>##### ##### POST https://vbank.open. Authorization: *** X-Original-Method: DELET ##### 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
MethodOverride	Medium	POST /auth /bank-token	######################################	<pre>##### ##### POST https://vbank.open. Authorization: *** X-HTTP-Method: DELETE ##### 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_vbance
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 server: nginx/*** strict-transport-securit</pre>

				{"detail":[{"type":"miss loc":["query","client_se
				######: POST_https_vban
				##### ######
				POST https://vbank.open. Authorization: *** Content-Type: applicatio
			#############	#####
MethodOverride	Medium	POST /auth /bank-token	#####-override ##### _method=form	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
				######################################
MethodOverride	Medium	POST /auth /banker- login	######################################	###### POST https://vbank.open. Authorization: *** X-HTTP-Method-Override: ##### 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: *** #####</pre>
MethodOverride	Medium	POST /auth /banker- login	#####-override ##### _method=query	Status: 422 content-length: 174 content-security-policy: content-type: applicatio

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

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	################################# _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_vban
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 ######: POST_https_vbank
				##### ######

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
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_vban
				##### ######
				POST https://vbank.open. Authorization: *** X-Method-Override: DELET
		DOOT /	############	#####
MethodOverride	Medium	POST /auth /random-demo-client	#####-override ##### X-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
				####
				###### POST https://vbank.open. Authorization: *** Content-Type: applicatio #####
MethodOverride	Medium	POST /auth /random-demo-client	################################## _method=form	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
				##### ######
				GET https://vbank.open.b Authorization: ***
				#####
IDOR	High	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

