

Complete reference for the D3 Domain Intelligence REST API

Version 1.0 · March 2026 · domain-due-diligence.com

Base URL	https://api.domain-due-diligence.com/api/v1
Authentication	Authorization: Bearer d3_live_
Format	JSON request & response
Sandbox	All new keys start in sandbox — mock data, no credits used

INTRODUCTION

The D3 REST API v1 provides programmatic access to D3 domain intelligence scans, reports and scan products. All endpoints are authenticated with an API key and support both sandbox and production modes.

AUTHENTICATION

Create an API key in **Settings** → **API & MCP**. Include it as a Bearer token:

Example request

```
curl https://api.domain-due-diligence.com/api/v1/products \
-H "Authorization: Bearer d3_live_your_key_here"
```

Scopes: `scan:read` for read, `scan:write` to create scans (debits credits).

SANDBOX MODE

All new API keys start in sandbox mode. Sandbox endpoints return realistic mock data instantly — no credits debited, no real scans run. Complete the checklist in **Settings** → **API & MCP** to activate production.

ENDPOINTS

GET List available scan products
/api/v1/products

Returns all enabled scan products. Use the `slug` field as the `product` parameter when creating a scan.

```
GET /api/v1/products

# Response
{
  "products": [
    { "slug": "explorer", "name": "D3 Explorer", "creditCost": 5 },
    { "slug": "security_audit", "name": "D3 Security Audit", "creditCost": 7 },
    { "slug": "valuation", "name": "D3 Valuation", "creditCost": 12 },
    { "slug": "due_diligence", "name": "D3 Due Diligence", "creditCost": 20 }
  ]
}
```

POST Start a new scan (requires scan:write scope)
/api/v1/scans

Start a domain intelligence scan. Credits debited immediately. In sandbox mode: instant mock data, 0 credits.

Request body:

Parameter	Type	Required	Description
domain	string	yes	Domain or brand to scan (e.g. "example.com")
product	string	yes	explorer security_audit valuation due_diligence
tlds	string[]	—	TLD list e.g. ["com","nl","be"]. Defaults to domain TLD.

```
POST /api/v1/scans

{
  "domain": "example.com",
  "product": "security_audit",
  "tlds": ["com", "nl", "be"]
}

# Response 202
{
  "scanId": "cm7x9f...",
  "status": "QUEUED",
  "creditsDebited": 7,
  "pollUrl": "/api/v1/scans/cm7x9f..."
}
```

GET Get scan status and results
/api/v1/scans/:id

Poll until `status` is `COMPLETED`. Recommended interval: 15–30 seconds.

```
GET /api/v1/scans/cm7x9f...

# Response
{
  "scanId": "cm7x9f...",
  "status": "COMPLETED",
  "overallScore": 78,
  "aiSummary": "Executive summary...",
  "results": [ ... ]
}
```

GETGet full D3 Certified Report
/api/v1/scans/:id/report

Returns the complete report including all connector findings, AI summary, per-connector insights, and SHA-256 evidence hash.

```
GET /api/v1/scans/cm7x9f.../report

# Response
{
  "scanId": "cm7x9f...",
  "reportHash": "a3f9d2c1...",
  "overallScore": 78,
  "aiSummary": "...",
  "aiInsights": { "dns-basic": "...", "whois-rdap": "..." },
  "results": [ { "connector": "dns-basic", "score": 90, ... } ]
}
```

GETList your API keys (metadata only)
/api/v1/keys

```
GET /api/v1/keys

# Response
{
  "keys": [
    {
      "id": "clx...",
      "name": "My integration",
      "keyPrefix": "d3_live_xxxx",
      "isSandbox": false,
      "restProductionAt": "2026-03-20T10:00:00Z",
      "scopes": ["scan:read", "scan:write"]
    }
  ]
}
```

POSTCreate a new API key — plaintext shown once
/api/v1/keys

```
POST /api/v1/keys
{ "name": "My integration", "scopes": ["scan:read", "scan:write"] }

# Response 201
{
  "plaintext": "d3_live_alb2c3...", // STORE THIS — shown once only
  "isSandbox": true
}
```

POSTActivate production once checklist complete
/api/v1/keys/:id/activate

```
POST /api/v1/keys/clx.../activate
{ "section": "rest" } // or "mcp"
```

DELETERevoke an API key immediately
/api/v1/keys/:id

```
DELETE /api/v1/keys/clx...  
# Response: 204 No Content
```

ERROR CODES

HTT P	Code	Meaning
400	BAD_REQUEST	Missing or invalid parameters
401	UNAUTHORIZED	Invalid, expired or revoked API key
403	FORBIDDEN	Insufficient scope or not your resource
404	NOT_FOUND	Scan or resource not found
409	CONFLICT	Scan already in progress for this domain
429	RATE_LIMITED	Rate limit exceeded (default 60 req/min)
402	INSUFFICIENT_CREDITS	Not enough credits to start scan
500	SERVER_ERROR	Internal error — contact support

CREDITS & PRICING

Credits are debited per scan based on the product:

Product	Slug	Credits
D3 Explorer	explorer	5
D3 Security Audit	security_audit	7
D3 Valuation	valuation	12
D3 Due Diligence	due_diligence	20