Network Monitor API `1.0.0` `OAS 3.1`

/openapi.json

REST API for network monitoring and automation dashboard

default ⌃

GET	/ Root	⌄

GET	/health Health Check	⌄

GET	/api/devices Get Devices	⌄

GET	/api/devices/{device_id} Get Device	⌄

GET	/api/devices/{device_id}/history Get Device History	⌄

GET	/api/anomalies Get Anomalies	⌄

POST	/api/anomalies/{anomaly_id}/acknowledge Acknowledge Anomaly	⌄

POST	/api/anomalies/{anomaly_id}/resolve Resolve Anomaly	⌄

GET	/api/alerts Get Alerts	⌄

POST	/api/alerts/{alert_id}/acknowledge Acknowledge Alert	⌄

GET	/api/statistics Get Statistics	⌄

Schemas ⌃

AlertResponse > Expand all **object**

AnomalyResponse > Expand all **object**

DeviceResponse > Expand all **object**

HTTPValidationError > Expand all **object**

ValidationError > Expand all **object**

GET /health

GET **/health** Health Check ⌃

Health check endpoint

Parameters

No parameters

Execute	Clear

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8080/health' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/health
```

Server response

Code	Details

200   **Response body**

```
{
  "status": "healthy",
  "database": "connected",
  "timestamp": "2026-01-30T15:35:15.745970"
}
```

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Response headers

```
content-length: 84
content-type: application/json
date: Fri,30 Jan 2026 15:35:14 GMT
server: uvicorn
```

Responses

Code	Description	Links

Devices (GET /api/devices)

Curl

```
curl -X 'GET' \
  'http://localhost:8080/api/devices?limit=100&offset=0' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/api/devices?limit=100&offset=0
```

Server response

Code	Details
200	**Response body**

```
[
  {
    "device_id": 9,
    "ip_address": "192.168.1.1",
    "mac_address": "00:11:22:33:44:55",
    "vendor": "Cisco Systems",
    "hostname": "router.local",
    "device_type": "router",
    "risk_score": 0,
    "status": "online",
    "response_time_ms": 12.5,
    "last_seen": "2026-01-30T10:16:34.080469-05:00",
    "uptime_7d": 1,
    "uptime_30d": 1
  },
  {
    "device_id": 10,
    "ip_address": "192.168.1.10",
    "mac_address": "aa:bb:cc:dd:ee:01",
    "vendor": "Dell Inc",
    "hostname": "server-01.local",
    "device_type": "server",
    "risk_score": 0,
    "status": "online",
    "response_time_ms": 8.3,
    "last_seen": "2026-01-30T10:16:34.080469-05:00",
    "uptime_7d": 1,
    "uptime_30d": 1
```

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Response headers

```
content-length: 1448
content-type: application/json
date: Fri,30 Jan 2026 15:35:56 GMT
server: uvicorn
```

Code	Description	Links
200	Successful Response	*No links*

Media type

application/json ▼

Controls `Accept` header.

Example Value | Schema

```
[
  {
    "device_id": 0,
    "ip_address": "string",
    "mac_address": "string",
    "vendor": "string",
    "hostname": "string",
    "device_type": "string",
    "risk_score": 0,
    "status": "string",
    "response_time_ms": 0,
    "last_seen": "2026-01-30T15:35:56.829Z",
    "uptime_7d": 0,
    "uptime_30d": 0
  }
]
```

Code	Description	Links
422	Validation Error	*No links*

Media type

application/json ▼

Example Value | Schema

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

GET/api/statistics

Curl

```
curl -X 'GET' \
  'http://localhost:8080/api/statistics' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/api/statistics
```

Server response

Code	Details
200	**Response body**

```
{
  "devices": {
    "total_devices": 5,
    "online_devices": 3,
    "offline_devices": 1
  },
  "anomalies": {
    "total_anomalies": 0,
    "active_anomalies": 0,
    "critical_anomalies": 0,
    "high_anomalies": 0
  },
  "alerts": {
    "total_alerts": 0,
    "unacknowledged_alerts": 0
  },
  "timestamp": "2026-01-30T15:37:41.120503"
}
```

Response headers

```
content-length: 262
content-type: application/json
date: Fri,30 Jan 2026 15:37:40 GMT
server: uvicorn
```

Responses

Code	Description	Links
200	Successful Response	*No links*

Media type

```
application/json
```

Controls Accept header.

Example Value | Schema

```
"string"
```

GET /api/anomalies

Curl

```
curl -X 'GET' \
  'http://localhost:8080/api/anomalies?limit=100&offset=0' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/api/anomalies?limit=100&offset=0
```

Server response

Code	Details

200	**Response body**
	 `[]`
	
	 Download
	
	 Response headers
	 `content-length: 2`
	`content-type: application/json`
	`date: Fri,30 Jan 2026 15:38:35 GMT`
	`server: uvicorn`

Responses

Code	Description	Links
200	Successful Response	*No links*

Media type

```
application/json
```

Controls Accept header.

Example Value | Schema

```
[
  {
    "anomaly_id": 0,
    "device_id": 0,
    "ip_address": "string",
    "hostname": "string",
    "anomaly_type": "string",
    "severity": "string",
    "description": "string",
    "confidence": 0,
    "detected_at": "2026-01-30T15:38:36.397Z",
    "acknowledged_at": "2026-01-30T15:38:36.397Z",
    "resolved_at": "2026-01-30T15:38:36.397Z"
  }
]
```

Code	Description	Links
422	Validation Error	*No link*

Media type

```
application/json
```

Example Value | Schema

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```

GET /api/alerts

Responses

Curl

```
curl -X 'GET' \
  'http://localhost:8080/api/alerts?limit=100&offset=0' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/api/alerts?limit=100&offset=0
```

Server response

Code	Details
200	**Response body**

```
[]
```

Response headers

```
content-length: 2
content-type: application/json
date: Fri,30 Jan 2026 15:39:20 GMT
server: uvicorn
```

Responses

Code	Description	Links
200	Successful Response	*No links*

Media type

`application/json`

Controls `Accept` header.

Example Value | Schema

```
[
  {
    "alert_id": 0,
    "anomaly_id": 0,
    "device_id": 0,
    "alert_type": "string",
    "severity": "string",
    "channel": "string",
    "message": "string",
    "sent_at": "2026-01-30T15:39:20.609Z",
    "delivered": true,
    "acknowledged_at": "2026-01-30T15:39:20.609Z"
  }
]
```

422	Validation Error	*No links*

Media type

`application/json`

Example Value | Schema

```
{
  "detail": [
    {
      "loc": [
        "string",
        0
      ],
      "msg": "string",
      "type": "string"
    }
  ]
}
```