

AnyClassroom API V1.2

API HOST: <https://app.anyclassroom.com/api/v1>

All API requests must include the header X-Token-AC with your API Token provided by us.

Header	Type	Description
X-Token-AC	String	API Token provided by us

If this token is not provided or is invalid all responses will be a **401 Unauthorized** status code.

Additional headers

Key	Value
Content-Type	application/json
Accept	application/json

Status code in responses

Code	Message
200	Response success
201	{Resource} created
401	Unauthorized access
403	Unauthorized request
404	{Resource} not found
422	Unprocessable Entity due to errors on validation
500	Malformed request

Device list

```
GET: /devices
```

Params

Name	Required	Type	Default	Description
per_page	No	Int	50	Define the number of results per page

Example (Javascript):

```
var myHeaders = new Headers();
myHeaders.append("X-Token-AC", "YOUR_API_TOKEN_HERE");
myHeaders.append("Content-Type", "application/json");
myHeaders.append("Accept", "application/json");

var requestOptions = {
  method: 'GET',
  headers: myHeaders,
  redirect: 'follow'
};

fetch("https://app.anyclassroom.com/api/v1/devices", requestOptions)
  .then(response => response.text())
  .then(result => console.log(result))
  .catch(error => console.log('error', error));
```

Response:

```
{
  "data": [
    {
      "anydesk_id": "123456789",
      "anydesk_alias": "device-hostname-0001@ad",
      "anydesk_password": "abc123zxc",
      "has_2fa": true,
      "status": "enabled",
    }
  ],
  "links": [
    {
      "url": null,
      "label": "Previous",
      "active": false
    },
    {
      "url": "http://anyclassroom.test/api/v1/devices?per_page=20&page=1",
      "label": 1,
      "active": true
    },
    {
      "url": null,
      "label": "Next",
      "active": false
    }
  ],
  "meta": {
    "current_page": 1,
    "from": 1,
    "last_page": 5,
    "path": "https://app.anyclassroom.com/api/v1/devices",
    "per_page": 1,
    "to": 1,
    "total": 5
  }
}
```

Note: **Status** property may be **enabled** or **disabled**. Depends on AnyClassroom device status. This does not affect the AnyDesk functionality, because this status it's only informative.

Device detail

```
GET: /devices/{anydeskid}
```

Params

Name	Required	Type	Default	Description
anydeskId	Yes	Int / string	false	AnyDesk Id or AnyDesk Alias to request

Example (Javascript)

```
var myHeaders = new Headers();
myHeaders.append("X-Token-AC", "YOUR_TOKEN_HERE");
myHeaders.append("Content-Type", "application/json");
myHeaders.append("Accept", "application/json");

var requestOptions = {
  method: 'GET',
  headers: myHeaders,
  redirect: 'follow'
};

fetch("https://app.anyclassroom.com/api/v1/devices/123456789", requestOptions)
  .then(response => response.text())
  .then(result => console.log(result))
  .catch(error => console.log('error', error));
```

Response:

```
{
  "data": {
    "anydesk_id": "193114481",
    "anydesk_alias": "sog-elite-14-1@ad",
    "anydesk_password": "123456789",
    "has_2fa": true,
    "status": "enabled",
    "classroom": [
      {
        "id": 1,
        "name": "Classroom name",
      }
    ],
    "latest_temporal_access": [ // latest 5 temporal access created
      {
        "token": "9e62de63-e7e1-4127-baa8-8050dad17e3d",
        "from_time": 1596633616,
        "until_time": 1596633716,
        "url":
"https://app.anyclassroom.com/temporal-access/9e62de63-e7e1-4127-baa8-8050d6d17e3d?expi
res=1596633716&signature=33812b43ee5910b6e95a0fa08e5b7626dbf8aad07051cd7d64c37979df97b1
dd"
      }
    ]
  }
}
```

Note: **Classroom** property may be **null** if the device is not in a classroom.

Note 2: **Status** property may be **enabled** or **disabled**. Depends on AnyClassroom device status. This does not affect the AnyDesk functionality, because this status it's only informative.

Device temporal access list

```
GET: /devices/{anydeskId}/temporal
```

Params

Name	Required	Type	Default	Description
anydeskId	yes	Int	false	AnyDesk Id or AnyDesk Alias to request
per_page	No	Int	50	Define the number of results per page

Example (Javascript):

```
var myHeaders = new Headers();
myHeaders.append("X-Token-AC", "YOUR_API_TOKEN_HERE");
myHeaders.append("Content-Type", "application/json");
myHeaders.append("Accept", "application/json");

var requestOptions = {
  method: 'GET',
  headers: myHeaders,
  redirect: 'follow'
};

fetch("https://app.anyclassroom.com/api/v1/devices/123456789/temporal?per_page=10",
  requestOptions)
  .then(response => response.text())
  .then(result => console.log(result))
  .catch(error => console.log('error', error));
```

Response:

```
{
  "data": [
    {
      "token": "362334e4-4a74-4933-991b-c477f910daef",
      "from_time": 1596642000,
      "until_time": 1596643000,
      "url":
      "https://app.anyclassroom.com/temporal-access/362334e4-4a74-4933-991b-c477f910daef?expires=1596643000&signature=d57120270971e99a1b06e33f1fb6a0b0059578ef4ff491a4b397a3b3da270ba9",
      "created_at": "2020-08-05T16:23:28.000000Z",
      "updated_at": "2020-08-05T16:23:28.000000Z"
    }
  ],
  "links": [
    {
      "url": null,
      "label": "Previous",
      "active": false
    },
    {
      "url":
      "https://app.anyclassroom.com/api/v1/devices/12345123/temporal?page=1",
      "label": 1,
      "active": true
    },
    {
      "url": null,
      "label": "Next",
      "active": false
    }
  ],
  "meta": {
    "total": 1,
    "per_page": 50,
    "current_page": 1,
    "last_page": 1
  }
}
```

Request new temporal access link

```
POST: /devices/{anydeskid}/temporal
Status: 201
```

Params

Name	Required	Type	Default	Description
anydeskId	yes	Int / string	false	AnyDesk Id or AnyDesk Alias to request

Body

Name	Required	Type	Default	Description
from_time	No	Int	Current time	UTC timestamp from which the link is valid
until_time	yes	int		UTC timestamp until link is valid

from_time input must be lower than **until_time** input. If **from_time** is not provided, the validity of the link will start at the time of creation

Example (Javascript)

```
var myHeaders = new Headers();
myHeaders.append("X-Token-AC", "YOUR_TOKEN_HERE");
myHeaders.append("Content-Type", "application/json");
myHeaders.append("Accept", "application/json");

var requestOptions = {
  method: 'POST',
  headers: myHeaders,
  "body": {
    "from_time": "1596642000",
    "until_time": "1596643000"
  },
  redirect: 'follow'
};

fetch("https://app.anyclassroom.com/api/v1/devices/123456789/temporal", requestOptions)
  .then(response => response.text())
  .then(result => console.log(result))
  .catch(error => console.log('error', error));
```


Response:

```
{
  "data": {
    "token": "66b8ae29-ca3e-4505-a7a5-c2075b1366de",
    "from_time": 1596642000,
    "until_time": 1596643000,
    "url":
      "https://app.anyclassroom.com/temporal-access/66b8ae29-ca3e-4505-a7a5-c2075b1366de?expires=1596643000&signature=fab66b55ff0731df0d2a52d79ed84568ea62f8493d03f07736c1208821d0cd97",
    "created_at": "2020-08-03T15:49:42.000000Z",
    "updated_at": "2020-08-03T15:49:42.000000Z"
  }
}
```

Invalidate temporal access link

```
PATCH: /temporal-access/{temporal_token}/invalidate  
Status: 200
```

Params

Name	Required	Type	Default	Description
temporal_token	yes	string		Token obtained in the creation of temporal access link

Example (Javascript)

```
var myHeaders = new Headers();  
myHeaders.append("X-Token-AC", "YOUR_TOKEN_HERE");  
myHeaders.append("Content-Type", "application/json");  
myHeaders.append("Accept", "application/json");  
  
var requestOptions = {  
  method: 'PATCH',  
  headers: myHeaders,  
};  
  
fetch("https://app.anyclassroom.com/api/v1/temporal-access/66b8ae29-ca3e-4505-a7a5-c2075b1366de/invalidate", requestOptions)  
  .then(response => response.text())  
  .then(result => console.log(result))  
  .catch(error => console.log('error', error));
```

Note 1: The link will be invalidated in the next 30 second interval. Example: If you request to invalidate a temporary link at 18:30:15, the link will be invalidated at 18:30:30. If the request is at 18:30:35 the link will be invalidated at 18:31:00.

Note 2: If the temporary link has already invalidated the response will be a 422 error with the message {"error": "Temporal access already invalidated or expired"}

Note 3: In order for the link to be automatically invalidated, the device must have 2FA enabled in AnyClassroom.

List classrooms

```
GET: /classrooms/  
Status: 200
```

Params

Name	Required	Type	Default	Description
per_page	No	Number	50	Number of results per page

Example (Javascript)

```
var myHeaders = new Headers();  
myHeaders.append("X-Token-AC", "YOUR_TOKEN_HERE");  
myHeaders.append("Content-Type", "application/json");  
myHeaders.append("Accept", "application/json");  
  
var requestOptions = {  
  method: 'GET',  
  headers: myHeaders,  
};  
  
fetch("https://app.anyclassroom.com/api/v1/classrooms", requestOptions)  
  .then(response => response.text())  
  .then(result => console.log(result))  
  .catch(error => console.log('error', error));
```

Response

```
{
  "data": [
    {
      "id": 114,
      "name": "Room example 1",
      "devices_count": 4,
      "created_at": "2020-07-31T15:08:06.000000Z",
      "updated_at": "2020-07-31T15:08:06.000000Z"
    },
    {
      "id": 115,
      "name": "Room example 2",
      "devices_count": 2,
      "created_at": "2020-07-31T15:28:03.000000Z",
      "updated_at": "2020-07-31T15:28:03.000000Z"
    }
  ],
  "links": [
    {
      "url": null,
      "label": "Previous",
      "active": false
    },
    {
      "url": "https://app.anyclassroom.com/api/v1/classrooms?page=1",
      "label": 1,
      "active": true
    },
    {
      "url": null,
      "label": "Next",
      "active": false
    }
  ],
  "meta": {
    "total": 2,
    "per_page": 50,
    "current_page": 1,
    "last_page": 1
  }
}
```

List classrooms devices

```
GET: /classrooms/{classroom_id}/devices  
Status: 200
```

Params

Name	Required	Type	Default	Description
per_page	No	Number	50	Number of results per page

Example (Javascript)

```
var myHeaders = new Headers();  
myHeaders.append("X-Token-AC", "YOUR_TOKEN_HERE");  
myHeaders.append("Content-Type", "application/json");  
myHeaders.append("Accept", "application/json");  
  
var requestOptions = {  
  method: 'GET',  
  headers: myHeaders,  
};  
  
fetch("https://app.anyclassroom.com/api/v1/classrooms/155/devices", requestOptions)  
  .then(response => response.text())  
  .then(result => console.log(result))  
  .catch(error => console.log('error', error));
```

Response

```
{
  "data": [
    {
      "anydesk_id": "123456789",
      "anydesk_alias": "Desktop-13804@ad",
      "anydesk_password": "a*wcP0mXaXVUUuBxv",
      "has_2fa": true,
      "status": "enabled"
    },
    {
      "anydesk_id": "123789456",
      "anydesk_alias": "Desktop-73121@ad",
      "anydesk_password": "2GQUahd04*52HILv",
      "has_2fa": true,
      "status": "enabled"
    },
    {
      "anydesk_id": "789456123",
      "anydesk_alias": "Desktop-87088@ad",
      "anydesk_password": "F17ly2NfgIM3ownU*",
      "has_2fa": true,
      "status": "enabled"
    }
  ],
  "links": [
    {
      "url": null,
      "label": "Previous",
      "active": false
    },
    {
      "url": "http://127.0.0.1:8000/api/v1/classrooms/1/devices?page=1",
      "label": 1,
      "active": true
    },
    {
      "url": null,
      "label": "Next",
      "active": false
    }
  ],
  "meta": {
    "total": 3,
    "per_page": 50,
    "current_page": 1,
    "last_page": 1
  }
}
```