**[routers](https://developer.cradlepoint.com/documentation" \l "!/Routers) : an object representing a device.**

A router object represents a Cradlepoint device that is registered with NCM.

**The Router Object**

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| --- | --- | --- | --- | --- | --- | --- |
| Parameter | Data Type | Filter | Sort | Expand | Description | Permissions |
| account | url | =, \_\_in |  |  | Account that owns the object | Read/Write |
| actual\_firmware | url |  |  |  | Firmware currently on the device, if known | Read Only |
| asset\_id | string |  |  |  | User defined identifier often used for asset tracking | Read/Write |
| config\_status | string |  |  |  | Status of configuration synch: synched, pending or suspended | Read Only |
| created\_at | timestamp |  |  |  | Time the device object was created | Read Only |
| custom1 | string |  |  |  | User defined custom text field | Read/Write |
| custom2 | string |  |  |  | User defined custom text field | Read/Write |
| description | string |  |  |  | Optional description of the device (synched with device) | Read/Write |
| device\_type | string | =, \_\_in |  |  | Type of device, e.g. router or access point | Read Only |
| full\_product\_name | string |  |  |  | Device's full product name, e.g. IBR600LP-AT | Read Only |
| group | url | =, \_\_in |  |  | Optional group this device belongs to | Read/Write |
| id | int | =, \_\_in |  |  | Object ID | Read/Write |
| ipv4\_address | string | =, \_\_in |  |  | Device's IPv4 address | Read Only |
| last\_known\_location | url |  |  |  | Optional last known location of the device | Read Only |
| locality | string |  |  |  | Device's timezone | Read Only |
| mac | string | =, \_\_in |  |  | Device's MAC address | Read Only |
| name | string | =, \_\_in |  |  | Device's name (synched with device) | Read/Write |
| product | url |  |  |  | Device product, e.g. IBR600 or AP22 | Read/Write |
| reboot\_required | boolean | =, \_\_in |  |  | Reboot required to enable additional device functionality | Read Only |
| resource\_url | url |  |  |  | Object URL | Read/Write |
| serial\_number | string |  |  |  | Device's serial number, if known | Read Only |
| state | string | =, \_\_in |  |  | Device's state: initialized, online or offline | Read Only |
| state\_updated\_at | timestamp | \_\_lt, \_\_gt |  |  | Time of last state update | Read Only |
| target\_firmware | url |  |  |  | Firmware currently assigned to the router’s group | Read Only |
| upgrade\_pending | boolean |  |  |  | The device has a pending NCOS upgrade | Read Only |
| updated\_at | timestamp | \_\_lt, \_\_gt |  |  | Time of last attribute update | Read Only |

**Note:** Only params listed as Read/Write can be included in PUT/POST request bodies.

**Example**

https://www.cradlepointecm.com/api/v2/routers/

Endpoint calls made to "cradlepointecm.com" return a 307 status code and are redirected to www.cradlepointecm.com.  
If your client code uses "cradlepointecm.com" (without the WWW protocol) you must:

* + change your code to "www.cradlepointecm.com", or
  + handle the returned 307 codes in your code

**IMPORTANT**: URLs for endpoints MUST have a trailing forward slash. If a trailing slash is not present the call to the endpoint is automatically redirected, resulting in two calls attributed to your account.  
**Correct format**:    https://www.cradlepointecm.com/api/v2/<endpoint name>/  
**Incorrect format**: https://www.cradlepointecm.com/api/v2/<endpoint name>

{

{

"data": [

{

"account": "https://www.cradlepointecm.com/api/v2/accounts/241/",

"actual\_firmware": "https://www.cradlepointecm.com/api/v2/firmwares/309/",

"asset\_id": null,

"config\_status": "synched",

"created\_at": "2015-08-10T16:19:31.784055+00:00",

"custom1": null,

"custom2": null,

"description": null,

"device\_type": "router",

"full\_product\_name": "2100",

"group": null,

"id": "20116",

"ipv4\_address": "216.64.128.1",

"locality": "US/Mountain",

"last\_known\_location": "https://www.cradlepointecm.com/api/v2/locations/9/",

"mac": "80:08:00:F1:76:DC",

"name": "80:08:00:f1:76:dc",

"pc\_removed": "unknown",

"product": "https://www.cradlepointecm.com/api/v2/products/11/",

"reboot\_required": false,

"resource\_url": "https://www.cradlepointecm.com/api/v2/routers/20116/",

"serial\_number": null,

"state": "offline",

"state\_updated\_at": "2015-08-11T16:22:04.337310+00:00",

"target\_firmware": null,

"updated\_at": "2015-09-22T10:35:55.182602+00:00"

},

{ ... }

],

"meta": {

"limit": 20,

"next": null,

"offset": 0,

"previous": null

}

}