

2.3.2 SYNO.API.Auth

API used to perform session login and logout.

API Name	Version	Availability
SYNO.API.Auth	1	DSM 3.2
	2	DSM 4.1
	3	DSM 4.2
	4	DSM 5.2
	5	DSM 6.0 beta 1
	6	DSM 6.0 beta2

Method Name	Section	Availability
login	2.3.2.1	1 and onward
logout	2.3.2.2	1 and onward

2.3.2.1 login method

Create new login session. Different accounts have different privilege settings; accounts in DSM admin group will have the highest privilege to all camera, camera groups, and Slave DiskStations.

Request

Parameter	Value	Description	Availability
account	<string>	Login account name	1 and onward
passwd	<string>	Login account password	1 and onward
session	<string>	<i>Optional.</i> Application session name. User can assign "SurveillanceStation" to this parameter to login SurveillanceStation. If not specified, default session is DSM, and SurveillanceStation is also available.	1 and onward
enable_syno_token	<string>	<i>Optional.</i> Return synotoken if value is "yes".	3 and onward
format	cookie, sid	<i>Optional.</i> If format is "cookie", session ID is included in both response header and response json data. If format is "sid", session ID is not included in response header, but response json data only. User can append this session ID manually to get access to any other Web API without interrupting other logins. If not specified, default login format is "cookie."	2 and onward
otp_code	<integer>	<i>Optional.</i> 6-digit OTP code.	3 and onward
enable_device_token	<string>	<i>Optional.</i> yes or no, default to no.	6 and onward

device_id	<string>	<i>Optional.</i> Device id (max: 255).	6 and onward
device_name	<string>	<i>Optional.</i> Device name (max: 255).	6 and onward

Example1:

```
GET /webapi/auth.cgi?
api=SYNO.API.Auth&method=login&version=1&account=admin&passwd=123456&session=SurveillanceStation
```

Example2:

```
GET /webapi/auth.cgi?
api=SYNO.API.Auth&method=login&version=2&account=admin&passwd=123456&session=SurveillanceStation&format=sid
```

Response

Name	Value	Description	Availability
sid	<string>	Session ID, pass this value by HTTP argument "_sid" or Cookie argument.	2 and onward
did	<string>	Device id, use to skip OTP checking.	6 and onward
synotoken	<string>	If CSRF enabled in DSM, pass this value by HTTP argument "SynoToken"	3 and onward
is_portal_port	<boolean>	Login through app portal	4 and onward

Example:

```
{
  "sid": "Jn5dZ9aS95wh2",
  "is_portal_port": false
}
```

If login format is "cookie", server will deliver header information including Cookie ID.

```
HTTP/1.1 200 OK
Date: Thu, 31 May 2012 09:40:43 GMT
Server: Apache/2.2.22 (Unix)
P3P: CP="IDC DSP COR ADM DEVi TAIi PSA PSD IVAi IVDi CONi HIS OUR IND CNT"
Set-Cookie: id=Jn5dZ9aS95wh2;path=/
Vary: Accept-Encoding
Content-Encoding: gzip
Content-Length: 37
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/plain; charset="UTF-8"
```

If the login format is "sid", user should append the returned sid in any webapi request.