

Google Youtube for Schools

This page is meant as a tutorial for setting up DNS for Google Youtube for Schools.

<https://support.google.com/youtube/answer/6214622>

Zones

- www.youtube.com
- m.youtube.com
- youtubei.googleapis.com
- youtube.googleapis.com
- www.youtube-nocookie.com

Records

Zone	Record Type	Target
www.youtube.com	A	216.239.38.120
m.youtube.com	A	216.239.38.120
youtubei.googleapis.com	A	216.239.38.120
youtube.googleapis.com	A	216.239.38.120
www.youtube-nocookie.com	A	216.239.38.120

Moderate Safesearch

If you'd like to use moderate restricted YouTube access, use the Target of 216.239.38.119 instead of 216.239.38.120.

Please note, these IP addresses can change at any time and YouTube functionality may break. To get new addresses, run this command:
nslookup restrict.youtube.com 8.8.8.8

Creating Zones







1. Open DNS Management (Administrative Tools -> DNS)
2. Expand out to Forward Lookup Zones
3. Right click on "Forward Lookup Zones" and select "New Zone"
4. Setup the zone as primary, store it in AD, and replicate to all DNS servers in AD domain
5. Enter the zone name

Creating Records

1. Open DNS Management (Administrative Tools -> DNS)
2. Expand the Forward Lookup Zones
3. Right click on the zone and click New Host (A)
4. Leave the "Name" field blank and enter the Target address.

Results

Your server should look similar to this.

Name ^	Type	Status
 m.youtube.com	Active Direct...	Running
 [REDACTED]	Active Direct...	Running
 www.youtube-nocookie.com	Active Direct...	Running
 www.youtube.com	Active Direct...	Running
 youtube.googleapis.com	Active Direct...	Running
 youtubei.googleapis.com	Active Direct...	Running

DNS		Name	Type	Data	Timestamp
[-]	[+] Forward Lookup Zones	(same as parent folder)	Start of Authority (SOA)	[REDACTED]	static
	[+] m.youtube.com	(same as parent folder)	Name Server (NS)	[REDACTED]	static
	[+] [REDACTED]	(same as parent folder)	Name Server (NS)	[REDACTED]	static
	[+] www.youtube.com	(same as parent folder)	Name Server (NS)	[REDACTED]	static
	[+] www.youtube-nocookie.com	(same as parent folder)	Host (A)	216.239.38.120	static
	[+] youtube.googleapis.com	(same as parent folder)			
	[+] youtubei.googleapis.com	(same as parent folder)			
[+]	Reverse Lookup Zones				
[+]	Conditional Forwarders				
[+]	Global Logs				