

Eg GET Channels/1/videos/1 -, get first video fram first channel of get all videos from first channel REST API TE common commun interface used for comman but " client & server. It has one a set of Rules that API follows for comman beth dient & server > | serms insta desource that API Url -> version y want to access 60 http://nayundasider/api/vi/projets 1 protocal domain uni what are little methords? POST -> when we want to create GET - fetch something PUT - update completely PATCH - Partially update DEIETE , Delute Some resource dernie webapp App eispense Somer every API eigust has API response they are 3 Types) each vesponse has a status code (they are 3 Types) -1 200 - 239 -> Success range - 400-- 404 - issue with reg (Eg vri se wrong) _ 500-505 - server cide issue.

Rest API are mainly god for making appins that require real-dime communication eg, chatappin-wasapp -C 6 Ateaming opp Eg amegon prime, hoff; n. 9 Que lienich protocols are used in REST API my Jouly HTTP Aw data in JSON or Mr format, planter, image du what are help motherds of REST AP, AND - GET, POST, PUT, DELETE, PATCH. Que Rest API are suitable for which type gappi Gimple real time applications that include lug Shist Api ran be public or private.

Shist Api's can only be accessed from the Upc

Wirtual private cloud, they are isolated from public internet. Public sest Api - anyone can access this without any authers ciation. of form public internet

web API = SONP API + REST API

SOAP API - SIMPLE OBJECT ALCESS PROTOCOL > There are set of sules that needled to be followed while making SOAP. API -> Both request of Kesponse communication happing only using XML data formal soppio a messaging protocol

it is used for exachanging structured data bets

e two different applications regardles of platform or ptrogramming language -CO --- data types included inxML is tent, nos, dales, binary date # What transport protocols are supported by 50 AP APS 45 2 And http, Smtp & FTM => It provides decliectly mechanism like digital dignature of enceyption. resed 30AP as used in big enterprise bushung 4 where complex dotta structure of buisness apply are used, also used in apph where high security is required while each orgey dotta beth 40 13 1.