Device	API	
Meraki	organizations/networks/devices	Dashboard API- For configuratios of devices Scanning API-Marketing companies uses it to track the customers movements at their phisycal organizations Captive Portal API-Check how many users are connected to the wifi in a network Webhooks API-integration of your platform to another for sending the data using json X-Cisco-Meraki-API-Key
	https://api.meraki.com/api/v0/organizations	
	https://api.meraki.com/api/v0/organizations/{organization_id - 549236}/networks https://api.meraki.com/api/v0/networks/{n/w id -N_585467951558166815}/devices https://api.meraki.com/api/v0/networks/{n/w id -N_585467951558166815}/clients https://api.meraki.com/api/v0/devices/Q2FV-TG7N-MF4E/camera/qualityAndRetentionSettings	
SD-WAN	session=requests.session() ----- session.post(---) When authentication fails gives 200 response code with html content--- Software Defined - Wide Area Network,	
ACI	Basic auth credentials are given in BODY --------- Management Information Tree (MIT) The MIT is used to add, remove, or query objects by referencing the object's parents up to Root.	
	Arya, the (A)PIC (R)est p(Y)thon (A)dapter, assists with generating a Python Script using the Cobra libraries. Arya takes either XML or JSON configuration data as input and outputs the Python code that can be used to generate the same configuration. Yes, Arya does in fact auto-generate code for you!	
		Messages - <rpc>,<rpc-reply> operations and configuration- <get>,<get-config>,<edit-config> data encoding - xml,xpath data modeling lang - YANG
Netconf	SSH protocol ,port - 830,RPC-based,XML only, RFC 6241,More robust, Basic auth with manager.connect(**connect_params) as conn:	
Restconf	HTTP transport,port 443,REST-based,XML or JSON,RFC 8040,Simpler and lighter weight , Basic authorization RESTCONF listens on port 8080 for HTTP requests	https://{{host}}:{{port}}/restconf/data/Cisco-IOS-XE-native:native/vlan
Webex	12 Hours access token Bearer token	
CUCM-UDS xml.dom.min idom-	https://{{URL}}/cucm-uds/users https://{{URL}}/cucm-uds/servers https://{{URL}}/cucm-uds/users/user01/speedDials https://{{URL}}/cucm-uds/users/user01/devices Accept : application/xml	
UML	Solid means API request, dashed means API response- difference between solid and dashed arrows in a UML API sequence diagram	
NSO	Network services orchestrator,automate network devices/legacy n/w devices,LOW level devices communication base_url/api/running/devices/device accept : application/vnd.yang.collection+json basic authorization -	
DNAC	x-auth-token	

Router	Network Layer-- Packets
Switches	Data Link Layer -- Frames