

REST API for the Management of NDS Labs Environments

This document defines the REST API implemented by nds-webservices to manage NDS Labs Environments.

Resources	Activities	Parameters	HTTP verb mapping	Return value
NDS Lab Environment	Create a NDS Lab Environment.	<ol style="list-style-type: none">1. user name2. password3. name of the cluster4. number of instances5. number of master nodes6. IP address(es) for all master node(s)7. image that instances spin on8. size of volumes.	POST users/lab_environment/:lab_id	<pre>{ "success":true, "lab_id": { "master1_ip":, "master2_ip": }, "ssh_key_url": }</pre>
	List all NDS Lab Environments		GET users/lab_environment	<pre>{ "success":true, { "lab_name":, "lab_status": { "master1_ip": "master2_ip": } "service1": "service2:" "owners": } }</pre>
	Stop a NDS Lab Environment.	<ol style="list-style-type: none">1. user name2. password3. NDS Lab Environment ID	PUT users/lab_environment/:lab_id/status	
	Destroy a NDS Lab Environment.	<ol style="list-style-type: none">1. user name2. password3. NDS Lab Environment ID	DELETE users/lab_environment/:lab_id	<pre>{ "success":true }</pre>