

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.	1. user name 2. password 3. name of the cluster 4. number of instances 5. number of master nodes 6. IP address(es) for all master node(s) 7. image that instances spin on 8. size of volumes.	POST users/lab_environment/:lab_id	{ "success":true, "lab_id": { "master1_ip": "master2_ip": }, "ssh_key_url": }
	List all NDS Lab Environments		GET users/lab_environment	{ "success":true, { "lab_name": "lab_status": { "master1_ip": "master2_ip": } "service1": "service2": "owners": } }
	Stop a NDS Lab Environment.	1. user name 2. password 3. NDS Lab Environment ID	PUT users/lab_environment/:lab_id/status	
	Destroy a NDS Lab Environment.	1. user name 2. password 3. NDS Lab Environment ID	DELETE users/lab_environment/:lab_id	{ "success":true }