

# ===== Test for Devops SElection =====

Make a **Single Kubernetes Cluster**.

## **Mandatory:**

1. Using EC2 (micro instances) on AWS
2. Each EC2 has a static elastic ip. (at least 3 worker nodes)
3. Ubuntu instances/install
4. Instal kubernetes
5. Set kube master worker config, without using local LAN IP's; use static public IP's (Hint: create VPN, should not be specific to AWS)
6. build a node.js hello world http-server docker image
7. Scale using kubernetes across pods on worker nodes in a namespace. (Note: via public ip's )

## **Optional:**

8. Kubernetes Dashboard for Edit/Change pods
9. Api access check
10. Using LXC
11. Add mongo to node.js hello-world

**Submission by 14th, 8 pm. Sooner the better.**

Submission:

- Zip OR drive link
- Readme file
- Video demo of localsite
- Video walkthrough of code

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