

What DevOps is not? & What DevOps is?

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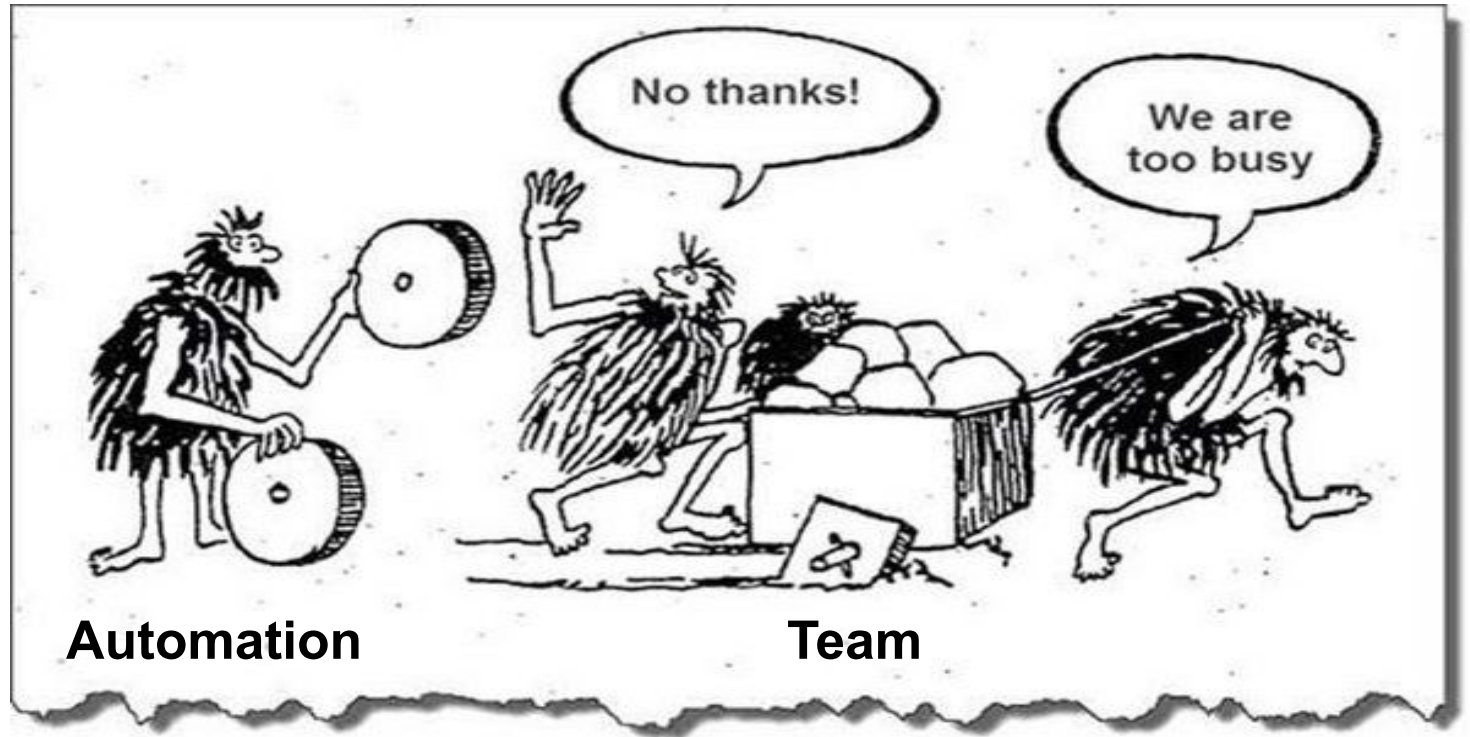
DevOps?

People who can do server and update them via scripts and they automate the things.

Really ?



Before DevOps.....



Let's Clear on....

What is not DevOps?

1. Not simply combination of Development & Operations teams

Developers



Operations

Combining two teams and calling it DevOps cannot accomplish those practices.

2. DevOps is not a separate team



Creation of these teams can lead to further confusion when the mission is not clearly defined.

But Some Organization can have separate devops team depending upon goals and situation and expertise requirements.

3. DevOps is not a tool and automation.

 CHEF	 Jenkins	 docker	 JIRA Software	 MONIT	 Visual Studio
 SALTSTACK	 TeamCity	 MESOS	 slack	 Ganglia	 APACHE ACTIVE MQ
 puppet	 CodeShip	 TRITON Compute	 HipChat	 SNORT	 Vagrant
 ANSIBLE	 circleci	 ElasticBox	 Trello Organize anything, together.	 cacti	 Microsoft Azure

4. Not a body of knowledge.

- ❖ No central authority and no DevOps standard.
- ❖ There is no single “right way” to go down the DevOps road.
- ❖ Each organisation has different challenges and takes a different path along their DevOps journey, which can all be valid.

5. DevOps is not a one-size-fits-all strategy

- ❖ Just because we used it on the last project doesn't make it a silver-bullet fix for the next one.
- ❖ Thus, we need to first understand our current strategy and environment, then react accordingly.
- ❖ Embrace change, gather metrics, understand feedback, fail fast and correct our course quickly.
- ❖ That's why we need **Continuous Learning attitude**.

DevOps Enlightenment Time

What is DevOps?

Combinations of cultural philosophies, practices and tools that increases organization's ability to **deliver applications** and **services at high velocity** and makes everyone more collaborative and responsive to change.



Culture

Sharing

CALMS

Automation

Measurements

Lean

Culture

- ❖ Focus on people.
- ❖ Encourage to collaboration & communication.
- ❖ Continuous Improvement.
- ❖ Help People understand DevOps.

Automation

- ❖ Focus on Continuous Delivery.
- ❖ Environment setup.
- ❖ Chat Bot.
- ❖ Continuous Integration and Continuous Deployment.
- ❖ Continuous Testing and Continuous Monitoring.

Lean

- ❖ Focus on the value.
- ❖ Asking better questions to the clients.
- ❖ Lead time: Visualizing Productions metrics.
- ❖ Case studies.

Measurements

- ❖ Provide feedback to everyone.
 - Failures in production and when it is fixed.
 - The number of defects that are found during a given unit of time.
 - Change lead time (Duration of new release in production).
 - The percentage of tickets mapped to releases.
 - The percentage of unplanned issues.

Sharing

❖ Collaboration &

❖ Communication.



In Conclusion



We have to develop the culture which combines **Agile Continuous Delivery Automation** for bringing higher value to the **customers**.

Thank you !!!

Os	Open Source	Source Control Mgmt.	Deployment	Analytics
Fr	Free	Database Automation	Containers	Monitoring
Fm	Freemium	Continuous Integration	Release Orchestration	Security
Pd	Paid	Testing	Cloud	Collaboration
En	Enterprise	Configuration	AI/Ops	

1 Os GI GitLab																	2 En Sp Splunk
3 Fm Gh GitHub	4 En Dt Datelical																
11 Os Sv Subversion	12 En Db DBMaestro																
19 En Cw ISPW	20 En Dp Delphix	21 Os Jn Jenkins	22 Fm Cs Codeship	23 Os Fn FitNesse	24 Fr Ju JUnit	25 Fr Ka Karma	26 Fm Su SoapUI	27 En Ch Chef	28 Fr Tf Terraform	29 En XLd XebiaLabs XL Deploy	30 En Ud UrbanCode Deploy	31 Os Ku Kubernetes	32 Fm Cc CA CD Director	33 En Pr Plutora Release	34 Pd Al Alibaba Cloud	35 Os Os OpenStack	36 Os Ps Prometheus
37 Pd At Artifactory	38 Fm Rg Redgate	39 Pd Ba Bamboo	40 Fm Vs VSTS	41 Fr Se Selenium	42 Fr Jm JMeter	43 Os Ja Jasmine	44 Pd Sl Sauce Labs	45 En An Ansible	46 Os Ru Rudder	47 En Oc Octopus Deploy	48 Os Go GoCD	49 Os Ms Mesos	50 Pd Gke GKE	51 Fm Om OpenMake	52 Pd Cp AWS CodePipeline	53 Pd Cy Cloud Foundry	54 En It ITRS
55 Pd Nx Nexus	56 Os Fw Flyway	57 Os Tr Travis CI	58 Fm Tc TeamCity	59 Os Ga Gatling	60 Fr Tn TestNG	61 Fm Tt Tricentis Tosca	62 Pd Pe Perfecto	63 En Pu Puppet	64 Os Pa Packer	65 Fm Cd AWS CodeDeploy	66 En Ec ElectricCloud	67 Os Ra Rancher	68 Pd Aks AKS	69 Os Rk Rkt	70 Os Sp Spinnaker	71 Pd Ir Iron.io	72 Pd Mg Moogsoft
73 Fm Bb BitBucket	74 En Pf Perforce	75 Fm Cr Circle CI	76 Pd Cb AWS CodeBuild	77 Fr Cu Cucumber	78 Os Mc Mocha	79 Os Lo Locust.io	80 En Mf Micro Focus UFT	81 Os Sa Salt	82 Os Ce CFEngine	83 En Eb ElasticBox	84 En Ca CA Automic	85 En De Docker Enterprise	86 Pd Ae AWS ECS	87 Fm Cf Codefresh	88 Os Hm Helm	89 Os Aw Apache OpenWhisk	90 Os Ls Logstash
<div><div><div>Os Open Source</div><div>Fr Free</div><div>Fm Freemium</div><div>Pd Paid</div><div>En Enterprise</div></div><div><div>Source Control Mgmt.</div><div>Database Automation</div><div>Continuous Integration</div><div>Testing</div><div>Configuration</div></div><div><div>Deployment</div><div>Containers</div><div>Release Orchestration</div><div>Cloud</div><div>AIOps</div></div><div><div>Analytics</div><div>Monitoring</div><div>Security</div><div>Collaboration</div></div></div>																	
5 En XLr XebiaLabs XL Release	6 Fm Aws AWS	7 Pd Az Azure	8 En Gc Google Cloud	9 Fm Op OpenShift	10 En Sg Sumo Logic												
13 Os Dk Docker	14 En Ur UrbanCode Release	15 Pd Af Azure Functions	16 Pd Ld Lambda	17 Fm Ic IBM Cloud	18 Os Fd Fluentd												



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106EnSwServiceNow	107PdJrJira	108FmTlTrello	109FmSkSlack	110FmStStride	111EnCnCollabNet VersionOne	112EnRyRemedy	113EnAcAgile Central	114PdOgOpsGenie	115PdPdPagerduty	116OsSnSnort	117FmTwTripwire	118EnCkCyberArk	119EnVcVeracode	120EnFfFortify SCA