



# Gitlab Ultimate Getting Started Guide

Gitlab enables seamless collaboration across Dev and Ops, with continuous innovation. It also enables enterprises to transform IT by optimizing and accelerating delivery, while managing priorities, risk, security, and compliance.

### Part 1: Subscribing to Gitlab Ultimate

**Step 1** Gitlab can be found in AWS Marketplace. Select the **Continue to Subscribe** button.

✓ aws marketplace Categories + Delivery Hethods + Solutions +	Monton Nacolng Assistant	Your Sevel Lit		4	Nettries Sell in AMS Marketpla	Sign in or Oreate
		GitLab Ultimate By: GitLab G Latest Vesion: GitLab Ultim GitLab is the first single application for softwa	rre development, security, and operations that ware lifecycle 200% faster and radically improving	Continue to Subjective Save to List Typical Total Prile \$1.123/hr Dis protoger bithan the survey brind and Langent Sart on Verprict Area Datab		
	Overview	e Pricing	Usage Support	Reviews		
	project planning, source application enabling or lifecycle 200% faster. This listing is for 5 Gitt.	cation for the entire Be-Ops Trecycle. GitLab provi- ic code management, EURD, and marticitaring in a sa- neurisment De-Ops to make the software development ub users only. In order to support two-up charges i versity to facilitate a Private Offer ac uses	nt   Highlights  The entire DevOps lifecycle in ors  Gain visbility and insight into hos	v your business is		
	Version	GitLab Utilmate 12 Show other ser				
	Ву	Garl	ab 3			
	Video	See Product Vid	eo C			
	Categories	Source Cont Continuous Integration and Continuous Delive Issue & Bug Track	ay 🖾			

**Step 2** Accept the terms and then select the **Continue to Configuration** button.

Categories - Delivery Herbods - Solutions	Highelion Misping Assistant Your Sev	al Lar				Pastreo Sellin AWS Harket	Helio, Cybri Jace Amazon Web Services Hon
		ab Ultimate				Contrasts to Confliguration You must first review and accept terms.	
	+ Product Detail Subscribe						
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	Terms and Conditions						
	GitLab Offer						
	License Agreement (EULA) (7 Information about this transa selles, reseller or underlying p <u>Hottisc (7</u> , Your use of NWS se agreement with AWS governit	2. you agree to the pricing terms and the Toa atso agree and acknowledge that AW too flockafting you payment everally with workers is applicable, in accordance with workers is applicable, in accordance with west is adjust on the AMSC Calciume. App is your use of such services.	15 may share I the respective the <u>AWS Privacy</u> e <u>ement</u> <b>3</b> ° or other		t Torms. Laryour use		
	GitLab Ultimate	diditional tasks or fees may apply	6C				
		GitLab Uttimate					
		EC2 Instance Type t2.large	Safeware.hr \$1.03	Software/yr \$5.940.00	5%/ngs 34%		
		t2.large	\$1.05	\$5,940.00	34%		

Steps 1 - 2 of 2 Part 1 Complete

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### Part 2: Demonstration Guide for Gitlab Ultimate

**Note:** In this demonstration, we will use a pre-configured version of Gitlab.

Step 1Once you have subscribed to, configured, and logged into Gitlab, you will see the<br/>dashboard.

T tanuki-demos	tanuki-demos > Details			
Overview     Details	Т			
Activity Contribution Analytics	tanuki-demos 💩			
D Issues 0	Search by name		New proje	ect
Members	Subgroups and projects Shared projects Archived projects		Last cr	eate
a country	D S Spring-App-2		* ( 28 minute	
	S Spring-App-1		* ( 32 minuti	

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### Step 2 Select Spring-App-1.

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Overview		
Details		
Activity	tanuki-demos 💩	
Contribution Analytics	🌲 Global 🛩	
() Issues		
Merge Requests	Search by name	New proje
# Members	Subgroups and projects Shared projects Archived projects	Last cre
4 Settings		
	D S Spring-App-2	👚 0 28 minute
	A Spring-App-1	<b>*</b> 0
	tanuki-demos / Spring-App-1	32 minute

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Step 3Here, you can see that AutoDevOps has been enabled and Kubernetes is already<br/>configured.

🦊 GitLab Projects 🗸	Groups v Activity Milestones Snippets C v Search or jump to, Q []:35	nco	C 99+)	8
S Spring-App-1	tanuki-demos > Spring-App-1 > Details			
A Project	S Spring-App-1 @ Public @ Add license			
Details	Project ID: 8773217			
Activity	0 to Star 0 Y Fork SSH+ 6 Global -			
Security Dashboard	Files (195 KB) Commit (1) Branch (1) Tags (0) Auto DevOps enabled Kubernetes configured			
Cycle Analytics	thestice is a contraction and the table of the second seco			
Cycle Analytics	Add Readme Add Changelog Add Contribution guide			
	Add Readme Add Changelog Add Contribution guide			15
Repository	Add Readme Add Changelog Add Contribution guide All Push events Merge events Issue events Comments Team		14 secon	3 Mis a
Repository     Issues	Add Readme Add Changelog Add Contribution guide All Push events Merge events Issue events Comments Team		14 secon	
	Add Readme Add Changelog Add Contribution guide All Push events Merge events Issue events Comments Team		14 secon 39 minut	nds a

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### **Step 4** Select **Repository** on the left side, then **Files**.

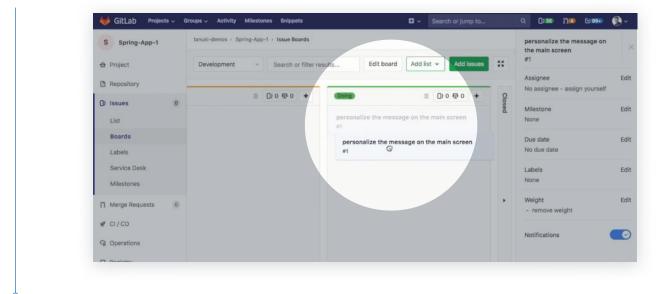
🦊 GitLab Projects 🗸 🛛	Sroups v Activity Milestones Snippets D v Search or jump to Q	0.80 13	C 997	<b>.</b>
S Spring-App-1	tanuki-demos > Spring-App-1 > Details			
O Project	S Spring-App-1 @ Public @ Add license			
Details	Project ID: 8773217			
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Cycle Analytics	Files (195 KB) Commit (1) Branch (1) Tags (0) Auto DevOps enabled Kubernetes configured			
Repository	Add Changelog         Add Contribution guide			
() Issues	Commits s Merge events Issue events Comments Team			2
Merge Requests	Tags pushed new branch master Contributors		17 secor	nds ago
G Operations	Graph I created project tanuki-demos / Spring-App-1		39 minu	ites ago
Registry	Compare			

S Spring-App-1	tanuki-demos > Spring-App-1 > Pipelines >				
+ Project	Itriggered 30 seconds ago b	y 💃 Dan Gordor	i .		Cance
C Repository	Initial commit				
() Issues ()	List				
🕅 Merge Requests 🛛 0	Boards				
# CI/CD	Labels Pg				
Pipelines	Service Desk Milestones				
	The sector secto				
Jobs					
Jobs Schedules	Build Test	S	taging	Production	
	Build Test		staging	Production	6 (C
Schedules					

### **Step 5** Select **Issues**, then **Boards** on the left side.

**Step 6** This takes you to the issue boards screen.

S Spring-App-1	tar	nuki-demos > Spri	ing-App-1 >	Issue Boards								personalize the main se		essage o
🖨 Project	1	Development	~ S	earch or filte	er results.	•	Edit board	Add list	~ Add i	ssues 👫		#1		
C Repository							-					Assignee No assigne	e - assiq	in vourse
D Issues 0	0	• Open		0	1 1 1 1 1	+	To Do		0	00000	+			
List		personalize th	e message	on the mair	screen							Milestone None		
Boards												Due date		
Labels												No due date	Ð	
Service Desk Milestones												Labels None		
Merge Requests	0											Weight - remove v	veight	
@ CI/CD														
C Operations											1	Notification	s	

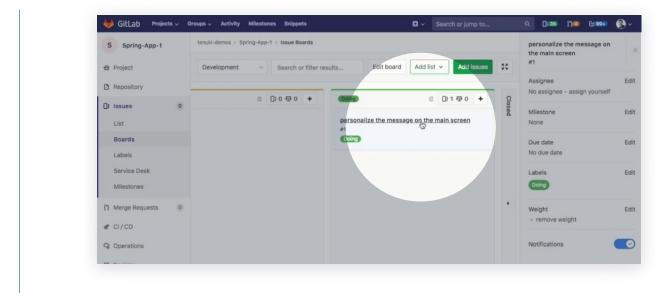


### **Step 7** Drag and drop the message to the **Doing list**.

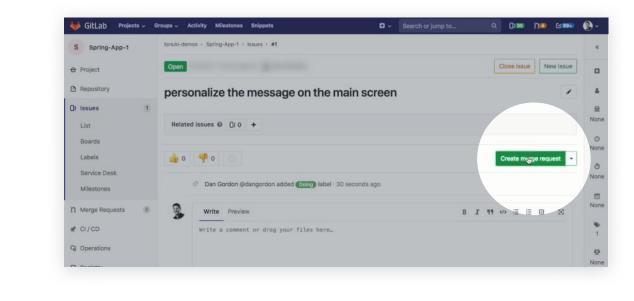
**Step 8** You will notice the label of the message updates automatically.

S Spring-App-1		tanuki-demos > Spring-App-1 > Issue Boards			personalize the message on the main screen
Project		Development v Search or filter re	sults Edit board Add list 👻 Add issues	8	#1
Repository					Assignee No assignee - assign yourself
()) Issues	0	□ □ ○ ⊕ ○ +	(Doing) □ D 1 ⊕ 0 +	Closed	Ho essignee - essign yoursen
List			personalize the message on the main screen	sed	Milestone None
Boards			(Doing)		Due date
Labels					No due date
Service Desk					Labels
Milestones					Doing
11 Merge Requests	0			•	Weight
🖋 CI/CD					- remove weight
G Operations					Notifications

#### **Step 9** Select the message.

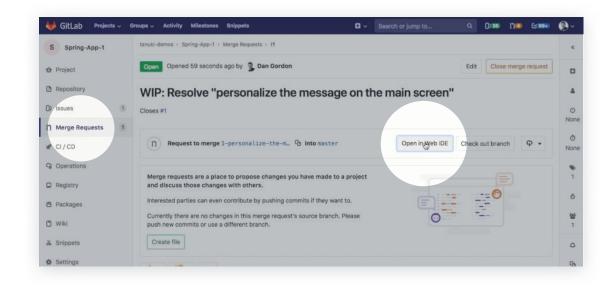


### **Step 10** Select the **Create Merge Request** button.



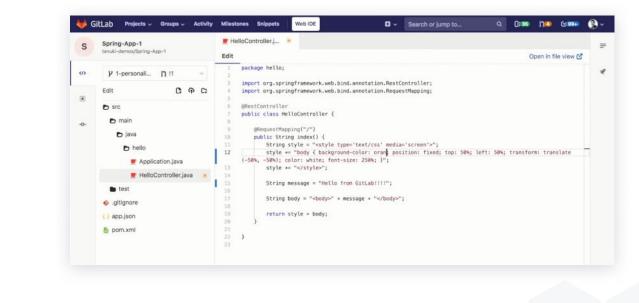
### **\* aws** marketplace

**Step 11** Select **Merge Requests** on the left side and then the **Open in Web IDE** button in the center of the page.

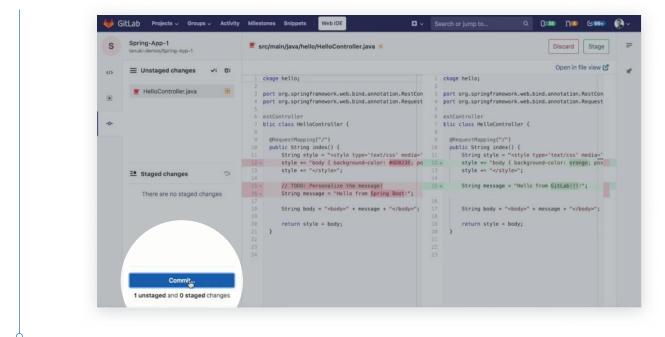


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### **Step 12** This allows you to edit the file.

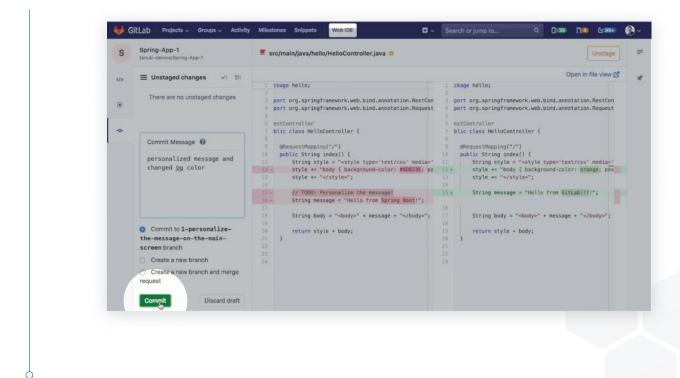


### **Step 13** Select the **Commit** button at the bottom to see the changes in the code.

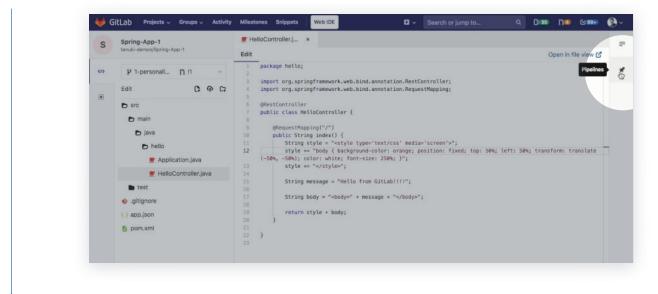


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**Step 14** Select the **Commit** button again to save the changes.



**Step 15** Select the **rocket ship icon** on the right side to view the pipeline.



### **Step 16** Here you can view the pipeline.

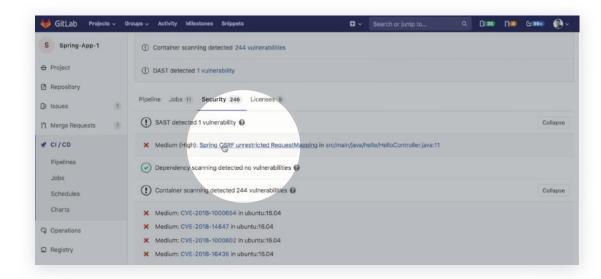
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S Spring-App-1	tanuki-demos > Spring-Ap	p-1 > Pipelines >						
✿ Project	( running Pipeline #	#32407085 triggered 1 minute ag	o by 💃 Dan Gordon			Idea to P	roduction (i2p) De Cance	
C Repository	personalized m	nessage and change	d bg color					
D issues (1)	O 11 jobs from 1-per	rsonalize-the-message-on-the	-main-screen					
1 Merge Requests								
# CI/CD	⊷ d7f90300 Q	5						
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### **Step 17** Select the **CI/CD** option on the left side to view vulnerabilities that have been found.

🦊 GitLab Projects 🗸 🛛	Broups v Activity Milestones Snippets D v Search or jump to	0.35	nø	C 99+	0
S Spring-App-1	SAST detected 1 vulnerability				
🕀 Project	Dependency scanning detected no vulnerabilities				
Repository	Container scanning detected 244 vulnerabilities				
D Issues (1)	DAST detected 1 vulnerability				
Merge Requests					
A CI/CD	Pipeline Jobs 11 Security 246 Licenses 9				
Pipelines	() SAST detected 1 vulnerability @			4	-Jlap
Jobs Schedules	K Medium (High): Spring CSRF unrestricted RequestMapping in src/main/java/hello/HelloController.java:11				
Charts	Dependency scanning detected no vulnerabilities				
G Operations	() Container scanning detected 244 vulnerabilities @				Expa
Q Registry	() DAST detected 1 vulnerability @				Ехра

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### Step 18 Select the CSRF vulnerability.

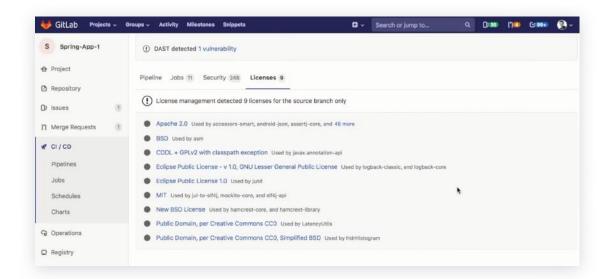


### **Step 19** Select **Merge Requests** on the left side, then **View Full Report**.

S Spring-App-1	No Approval required	
Project     Repository	Code quality improved on 1 point	Expand
() issues 1	() Performance metrics degraded on 1 point	Expand
1 Merge Requests	Security scanning detected no vulnerabilities	View full report 🖒 Expand
CI/CD G Operations	License management detected no new licenses	Viewetull report 🗗
₽ Registry	Merge This is a Work in Progress      Resolve WIP status	
<ul> <li>Packages</li> <li>Wiki</li> </ul>	Closes #1 Assign yourself to this issue	
🔏 Snippets	You can merge this merge request manually using the command line	
A Settings	👍 o 🁎 o 💮	

Step 20

20 Here, you can see details about the licenses in use.

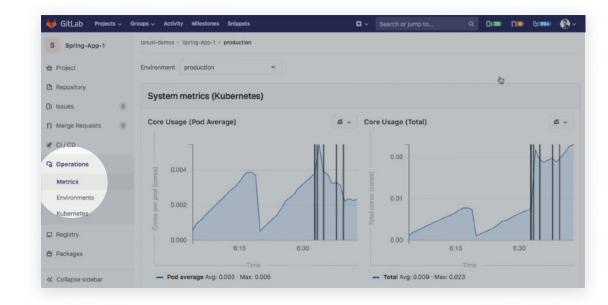


S Spring-App-1	Environment	Deployment	dot	Commit	Updated		
🕀 Project	- production	#4 by 💈	rollout 100% #1061	<ul> <li>→ aba88c84</li> <li>Initial commit</li> </ul>	56 minutes ago	c 1	• 🕞
C Repository	ine	tance (1)					
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# CI/CD	<ul> <li>review/1- personalize-the-</li> </ul>	#3 bu 9	review #106158784		50 minutes ago	6 1	
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Environments	Instance (1) 100% Complete						
Kubernetes							
Registry		#5 by 💈	staging #106175009	-o- 8038d134	15 minutes ago	c' 1	• •
Packages				Werge branch i-pers			

### **Step 21** Select **Operations** on the left side, then **Environments**.

**Step 22** Here, you can specify the percentage of new code that runs in your production environment.

S Spring-App-1	tanuki-demos + Spring-App-1 + Pip	elines > Environments							
⊕ Project	Available 3 Stopped 0							New env	/ironr
C Repository	Environment Deployme	nt Job	Commit	Updated					
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∉ CI/CD	Instances (4) 100%			Rollout 10 Rollout 50			8		
G Operations	Complete			Rollout 10	0%				
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Kubernetes	screen		•						
Registry	Instance (1)								
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### **Step 23** Select **Metrics** on the left side to view the performance of the application.

Step 23 of 23 Part 2 Complete



## Thank you.

For more information, visit https://amz.run/3DPJ

