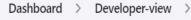
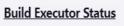
JENKINS ASSIGNMENT 4

```
"Assignment 4:
                                                                                                    Tuesday, November 1st ~
Topics Covered: (User Authentication, User Authorization)
     Assignment on Authentication and Authorization
        Their is an organization which has 3 teams
            - Developer
            - Devops
            - Testing
        First you need to create 9 dummy jenkins jobs. Each job will print their jobname, build number.
            For Developer create 3 dummy jobs. In developer view
                job1:- dev-1
               iob2:- dev-2
                job3:- dev-3
            For Testing create 3 dummy jobs. In testing view
                job1:- test-1
                iob2:- test-2
                job3:- test-3
            For Devops create 3 dummy jobs. In devops view
                job1:- devops-1
                job2:- devops-2
                job3:- devops-3
        Users in each team:
            developer: [ They can see only dev jobs, can build it, see workspace and configure it ]
                - developer-1
                - developer-2
            testing: [ They can see all test jobs ,can build it, see workspace and can configure it, | They can also view dev jobs ]
                - testing-1
                - testing-2
            devops: [ They can see all devops jobs , can build it, see workspace and can configure it, | They can also view dev and test jobs ]
                - devops-1
                - devops-2
            admin
                - admin-1 [ It will have full access ]
        See what Authorization strategy suits it and implement it.
        Also go through all authorization strategy
        Legacy mode
        Project Based
        Matrix Based
        Role-Based
        Point 2:-
        Enable SSO with Goggle"
```

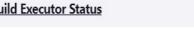


- New Item
- 28 People
- **Build History**
- **Edit View**
- Delete View
- Project Relationship
- Check File Fingerprint
- Manage Jenkins
- My Views
- Open Blue Ocean





☐ Built-In Node



CREATE 9 FREE-STYLE JOBS

devops view All Developer-view testing view +

S	W	Name ↓	Last Success	Last Failure	Last Duration		Fav
<u>-</u>	χÔΣ	dev-1	N/A	N/A	N/A	\triangleright	$\stackrel{\wedge}{\square}$
<u></u>	χÔΣ	dev-2	N/A	N/A	N/A	\triangleright	
<u></u>	χÔΣ	dev-3	N/A	N/A	N/A	\triangleright	\triangle

Icon: S

V

Atom feed for all Icon legend

Atom feed for failures

Atom feed for just latest builds

Add description

CREATE THREE VIEWS

- 1- DEVELOPER VIEW
- 2- DEVOPS VIEW
- 3- TESTING VIEW

AND ASSIGN THE JOBS



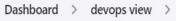
ΣÔΙ

M L

devops-3

0

S





N/A

~		
र्थ	Manage Jenkins	

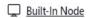
Check File Fingerprint

- 0
- My Views
- Open Blue Ocean

Build Queue	~
No builds in the queue.	

V

Build Executor Status







N/A



N/A



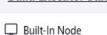
D



Dashboard > testing view >

- + New Item
- 20 People
- Build History
- Edit View
- Delete View
- Project Relationship
- Check File Fingerprint
- (Manage Jenkins
- A My Views
- Open Blue Ocean





TESTING VIEW

All Developer-view devops view testing view +

S	W	Name ↓	Last Success	Last Failure	Last Duration		Coverage Fav	# Issues
<u></u>	χÔΣ	test-1	N/A	N/A	N/A	\triangleright	n/a 🏠	
<u></u>	ΙÔΙ	test-2	N/A	N/A	N/A	\triangleright	n/a 🥎	
0	ΙÔΙ	test-3	N/A	N/A	N/A	\triangleright	n/a 🏠	

Icon: S M L

 Atom feed for failures

Atom feed for just latest builds

Add description

Q Search (CTRL+K)











Dashboard > Manage Jenkins > Jenkins' own user database

Users

↑ Back to Dashboard

Manage Jenkins

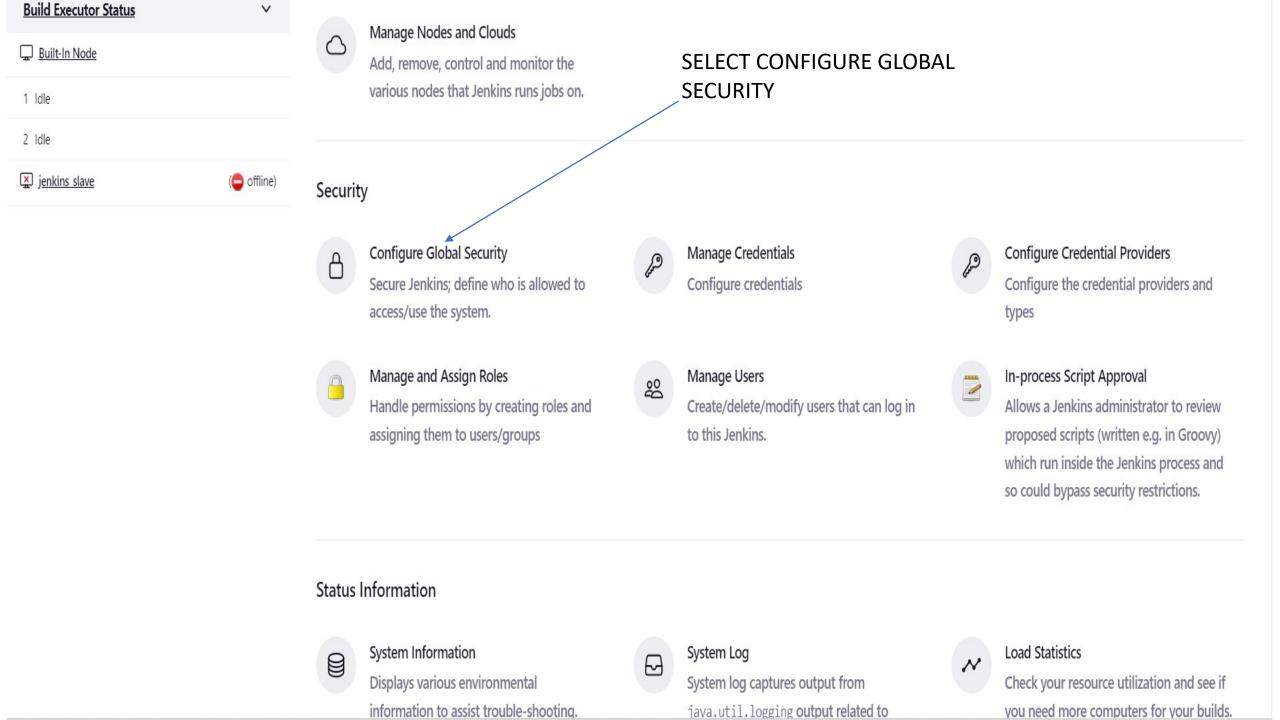
2 Users

+ Create User

CREATE 6 USERS

These users can log into Jenkins. This is a sub set of this list, which also contains auto-created users who really just made some commits on some projects and have no direct Jenkins access.

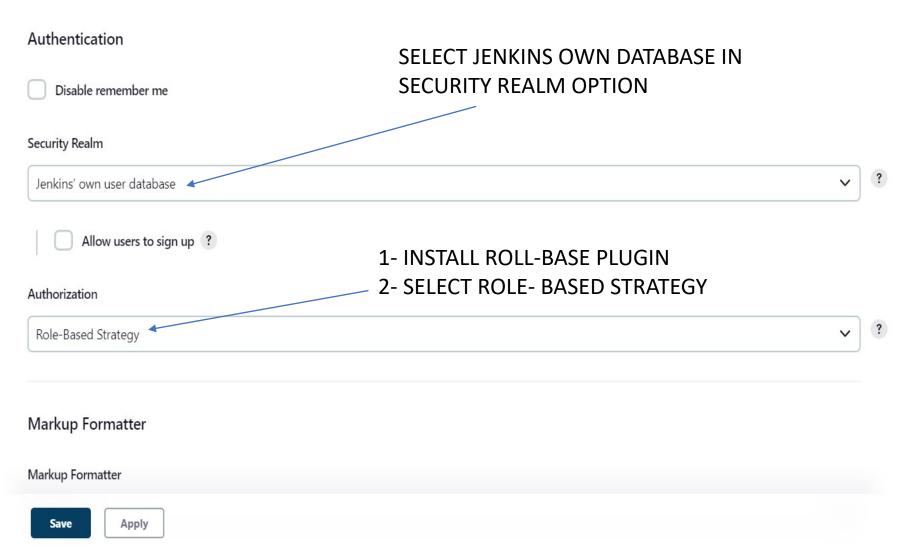
admin dheerendra singh bhandari developer-1 developer developer-2 developer-2 devops-1 devops-1 devops-2 devops-2
② developer-2 ② 🗓 ② devops-1 devops-1
② devops-1 devops-1
② devops-2 devops-2
② testing-1 testing-1
② testing-2 testing-2
② zigi zigi

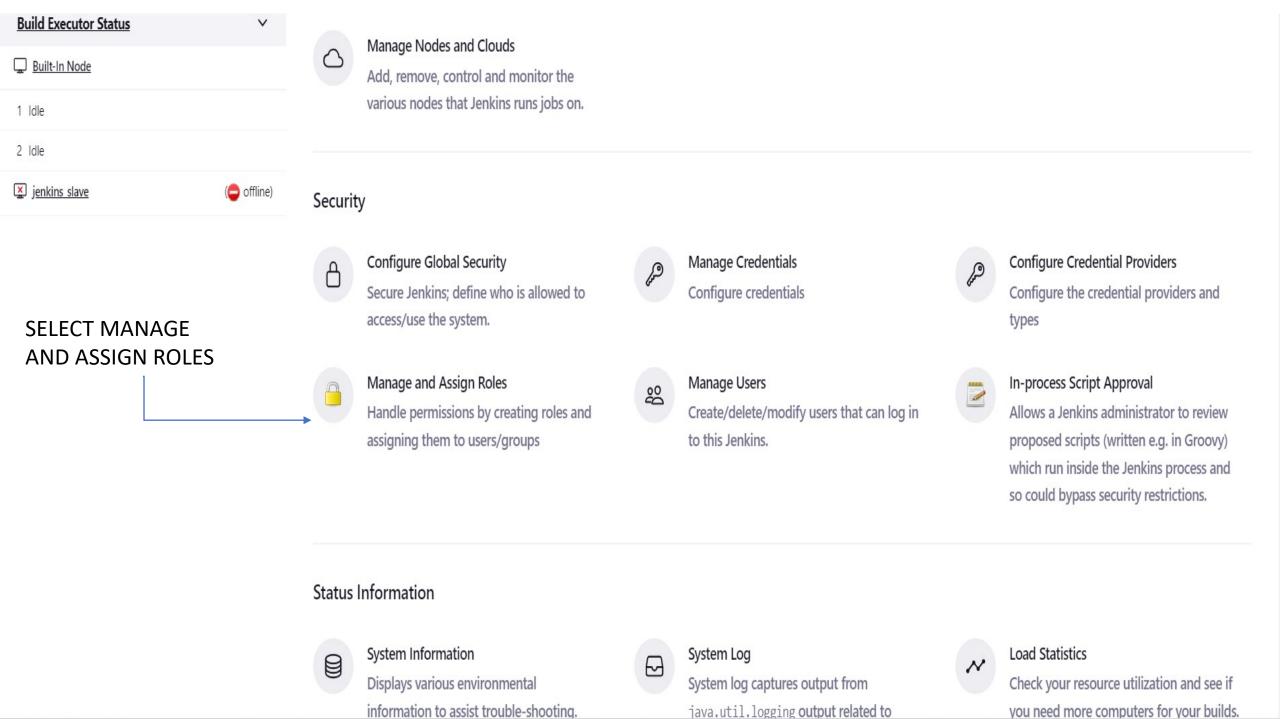


Dashboard > Manage Jenkins > Configure Global Security

- ↑ Back to Dashboard
- (i) Manage Jenkins

Configure Global Security







Manage Jenkins > Manage and Assign Roles Dashboard

- + New Item
- 2 People
- **Build History**
- Project Relationship
- Check File Fingerprint
- Manage Jenkins
- A My Views
- Open Blue Ocean

Manage and Assign Roles



Manage Roles

Manage Roles



Assign Roles

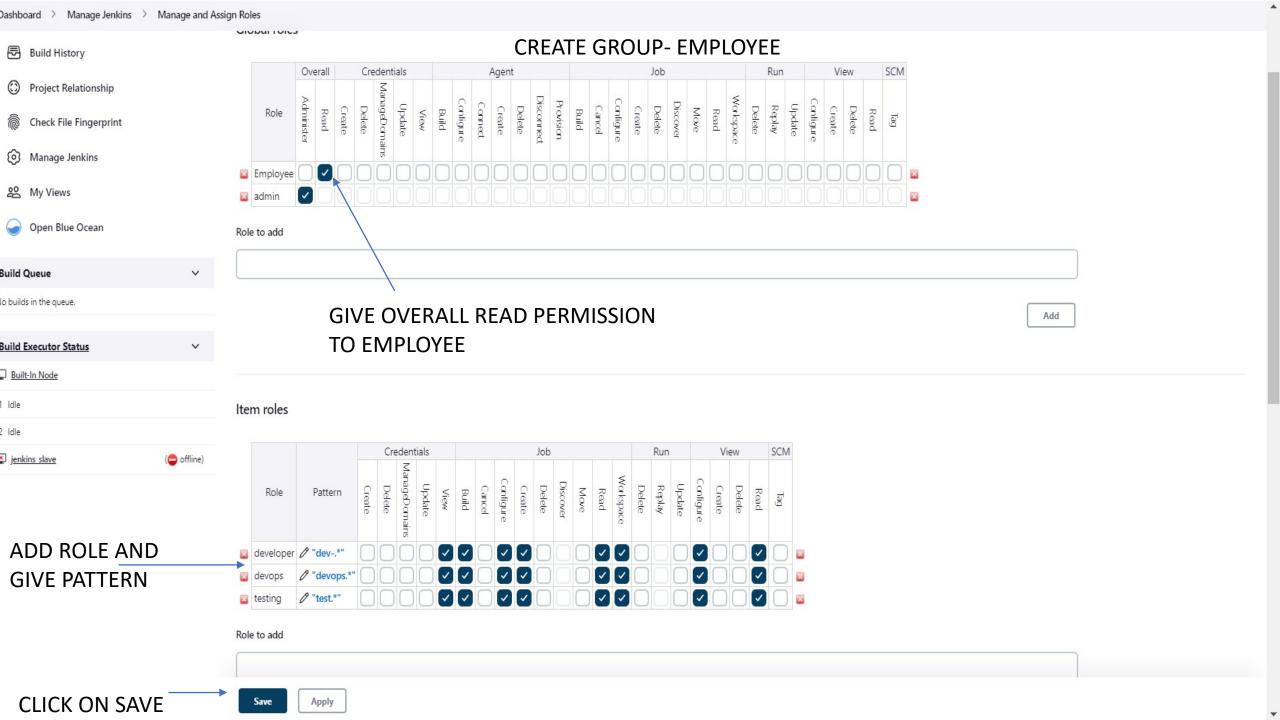
Assign Roles



Role Strategy Macros

Provides info about macro usage and available macros

SELECT MANAGE ROLES





🛕 🚺 🔱 🚺 💄 dheerendra singh bhandari 🔻 🔁 log out







Jenkins





- Project Relationship
- Check File Fingerprint
- Manage Jenkins
- A My Views
- Open Blue Ocean

Manage and Assign Roles



Manage Roles

Manage Roles



Assign Roles

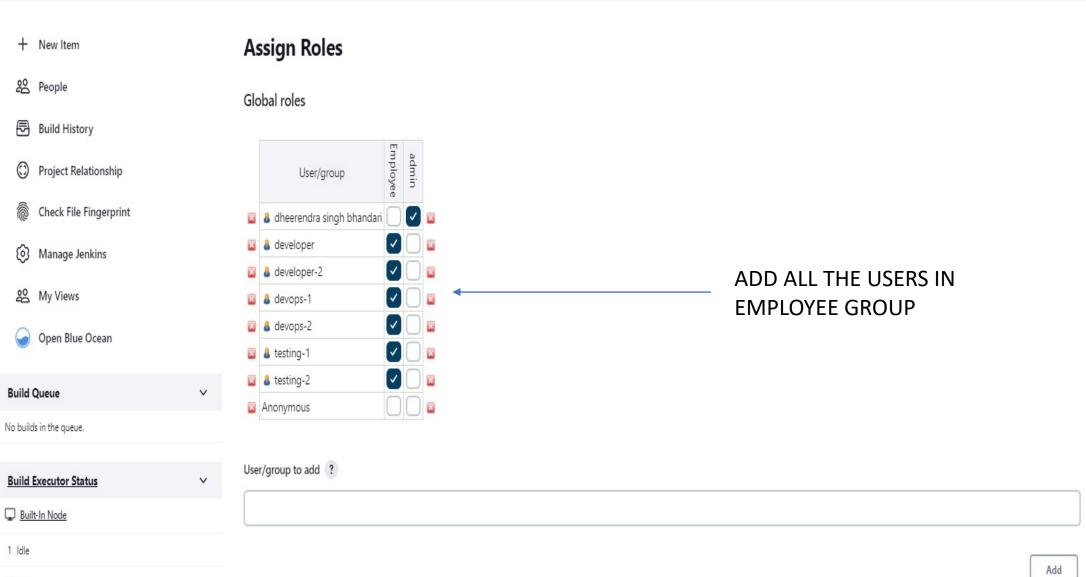
Assign Roles



Role Strategy Macros

Provides info about macro usage and available macros

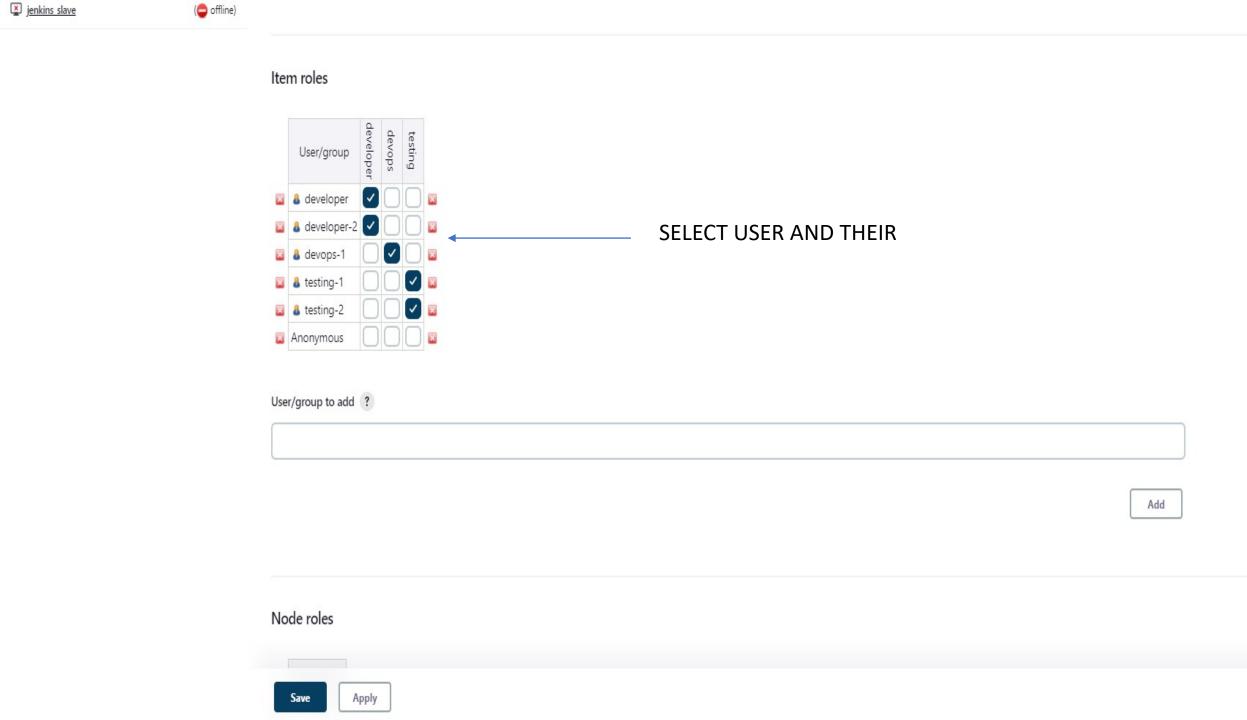
AFTER MANAGE ROLE DONE SELECT ASSIGN ROLES



2 Idle

jenkins slave

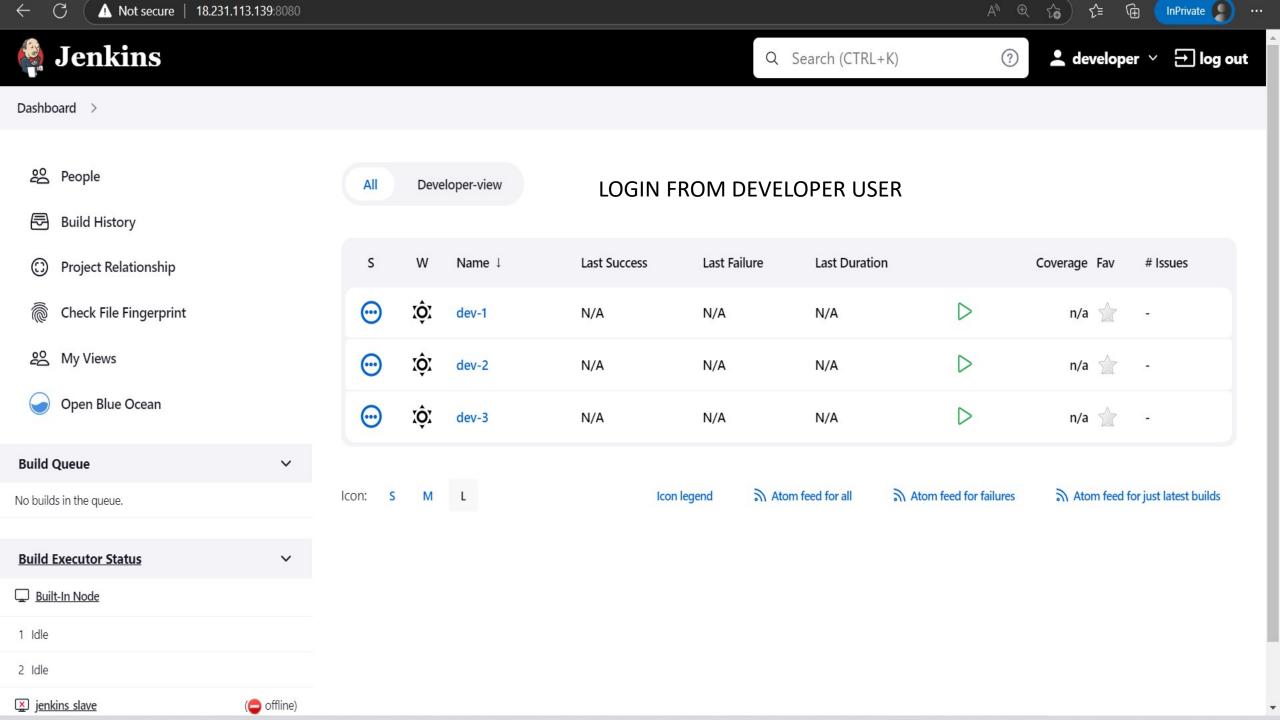
(offline)

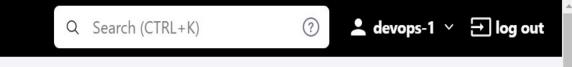


DONE ALL THE STEPS NOW LOGIN FROM ALL THE USERS WHICH YOU CREATED AND CHECK THEIR JOBS.



developer-1
•••
Keep me signed in
Sign in

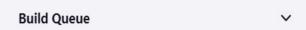




Jenkins

Dashboard >

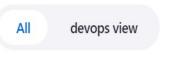
- 2 People
- Build History
- Project Relationship
- Check File Fingerprint
- My Views
- Open Blue Ocean



No builds in the queue.

ienkins slave





Icon:

(offline)

LOGIN FROM DEVOPS USER

S	W	Name ↓	Last Success	Last Failure	Last Duration		Coverage Fav	# Issues
0	ΙÔΙ	devops-1	N/A	N/A	N/A	\triangleright	n/a 🧁	-
0	ΙÔΊ	devops-2	N/A	N/A	N/A	\triangleright	n/a 🏠	-
⊕	ΧÔΧ	devops-3	N/A	N/A	N/A	\triangleright	n/a 🦙	-

S M L

Atom feed for failures

Atom feed for just latest builds



Dashboard >

- People
- Build History
- Project Relationship
- Check File Fingerprint
- My Views
- Open Blue Ocean

Build Queue	~
-------------	---

No builds in the queue.

ienkins slave

Build Executor Status	~
Built-In Node	
1 Idle	
2 Idle	

(offline)

All	testing view	

LOGIN FROM TESTING USER

S	W	Name ↓	Last Success	Last Failure	Last Duration		Coverage Fav	# Issues
<u></u>	ζÔΙ	test 1	N/A	N/A	N/A	\triangleright	n/a 🏠	-
<u></u>	χÔΣ	test-1	N/A	N/A	N/A	\triangleright	n/a 🏠	-
<u></u>	χÔΣ	test-2	N/A	N/A	N/A	\triangleright	n/a 🏠	-
<u></u>	(Ô)	test-3	N/A	N/A	N/A	\triangleright	n/a 🏠	-

Icon: S M L





Atom feed for just latest builds