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Summary (?report=466&renderer=769&func=renderer&renderer_table%5Bsort_by%5D=6817)

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Mirror repositories on remote server

Pre-conditions

- This test assume that you have **2 mirrors up and running** already pre-configured by your site admin.
- Your project should be **public** and the user who does the clone should be a **project_member only** (not project_admin)
- For the last test you are expected to **connect** to both **c6.valid.enalean.com** and **git-mirror.valid.enalean.com** as **root**.


Steps

1. Create 3 repositories in your project with a few files within each
 1. repo1
 2. repo2
 3. repo3
2. Mirror the repo (for each repo, go in Settings > Mirror)
 1. repo1 -> Mirror1
 2. repo2 -> Mirror2
 3. repo3 -> Mirror1 and Mirror2

Expected results


After a few minutes (time for System Events to be consumed + replication to happen):

1. You can on repo1 web interface, switch the transport from SSH (default) to Mirror1 and clone from the given URL to "clone_repo1_mirror1" and it has the same content than original
2. Same for repo2 in "clone_repo2_mirror2"
3. Same for repo3 with
 1. "clone_repo3_mirror1"
 2. "clone_repo3_mirror2"

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 (/plugins/tracker/?aid=19854)	Cannot push on mirror	Follow-up test_def #19852 <h2>Steps</h2> <ol style="list-style-type: none">1. Write some contents in clone_repo1_mirror1, commit and push2. Write some contents in clone_repo1_mirror2, commit and push <h2>Expected results</h2> <ol style="list-style-type: none">1. You get an error "Please make sure you have the correct access rights and the repository exists"2. You get an error "Please make sure you have the correct access rights and the repository exists"

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 (/plugins/tracker/?aid=19856)

Push on master are replicated on mirrors

Follow-up test_def #19854

Steps


1. From clone_repo1_mirror1, push the previously committed content on master (eg. git push ssh://gitolite@c6.valid.enalean.com/project/repo1 master)
2. Wait for a few minutes and run "git pull" in clone_repo1_mirror1
 1. if you immediatly get "Current branch master is up to date." replication is not propagated yet, try again.
 2. If you get
From ssh://git-mirror.valid.enalean.com:2222/mv-valid-8-2/dammit
7d60b4a..4346573 master ->
origin/master
Content is fetched from mirror.
3. From clone_repo2_mirror2, push the previously committed content on master (eg. git push ssh://gitolite@c6.valid.enalean.com/project/repo2 master)
4. Wait for a few minutes and run "git pull" in clone_repo2_mirror2
5. In origin "repo3" (cloned from master), add some contents, commit and push
6. Wait for a few minutes and run "git pull" in clone_repo3_mirror1 and clone_repo3_mirror2

Expected results

1. .
2. .
 1. .
 2. After successull fetch from mirror you should get "Current branch master is up to date."
3. .
4. Like 2.2: After successull fetch from mirror you should get "Current branch master is up to date."
5. .
6. For both clone_repo3_mirror1 and clone_repo3_mirror2: after successull fetch from mirror you should get "Current branch master is up to date."

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 (/plugins/tracker/?aid=19858)

SSH keys propagation

Follow-up test_def #19856

Steps


1. Remove your ssh key from your account
2. Wait for a few minutes
3. run git fetch from clone_repo1_mirror1
4. run git fetch from clone_repo2_mirror2
5. Add you ssh key to your accoun
6. Wait for a few minutes
7. run git fetch from clone_repo1_mirror1
8. run git fetch from clone_repo2_mirror2

Expected results

1. .
2. .
3. Fetch fails, you are prompted gitolite password (or server fails immediatly, depending on config)
4. Fetch fails, you are prompted gitolite password (or server fails immediatly, depending on config)
5. .
6. .
7. Fetch succeeds (no error / prompt)
8. Fetch succeeds (no error / prompt)

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 (/plugins/tracker/?aid=19859)

Permissions & membership applies on mirrors


Follow-up test_def #19858

Steps

1. As project admin, grant Read and Write access only to project administrators
2. Wait a few minutes
3. As regular project member, run "git fetch" from clone_repo1_mirror1
4. As regular project member, run "git fetch" from clone_repo2_mirror2
5. As project admin, grant Write permissions again to project members
6. Wait a few minutes
7. As regular project member, run "git fetch" from clone_repo1_mirror1
8. As regular project member, run "git fetch" from clone_repo2_mirror2
9. As project admin, switch project to private and remove regular user from project members
10. Wait a few minutes
11. As regular project member, run "git fetch" from clone_repo1_mirror1
12. As regular project member, run "git fetch" from clone_repo2_mirror2
13. Add user back to project (needed for next test)

Expected results

1. .
2. .
3. Fetch fails with error "Please make sure you have the correct access rights and the repository exists."
4. Fetch fails with error "Please make sure you have the correct access rights and the repository exists."
5. .
6. .
7. Succeeds
8. Succeeds
9. .
10. .
11. Fetch fails with error "Please make sure you have the correct access rights and the repository exists."
12. Fetch fails with error "Please make sure you have the correct access rights and the repository exists."

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		13. .
 (/plugins/tracker/?aid=19860)	Mirror can cache user credentials	test_def #19859 <h2>Steps</h2> <ol style="list-style-type: none"> 1. Ensure user is able to fetch from both mirror1 and mirror2 (following previous test) 2. Connect on Mirror2 to create cache <ol style="list-style-type: none"> 1. ssh root@git-mirror.valid.enalean.com 2. docker exec -ti mirror2 bash 3. su - gitolite 4. /usr/share/tuleap-gitolite-membership/tuleap-gitolite-membership.php -vvv -k create-cache 5. edit /etc/tuleap-gitolite-membership.ini and set use_cache = true 3. Stop httpd service on c6.valid.enalean.com (service httpd stop) 4. run git fetch from clone_repo1_mirror1 5. run git fetch from clone_repo2_mirror2 6. Restart apache on tuleap 7. Revert tuleap-gitolite-membership.ini to use_cache = false <h2>Expected results</h2> <ol style="list-style-type: none"> 1. . 2. . 3. . 4. Fetch fails "Please make sure you have the correct access rights and the repository exists." 5. Fetch succeeds 6. . 7. .