

Install build machine

Version: tag 2018.10.0

Document: https://docs.starlingx.io/developer_guide/index.html

Build

This consists of two parts:

01 Build rpms

02 Building ISO

Some network problems have arisen, but they have all been solved.

After that, both parts work very well and have been executed successfully.

Install StarlingX

I have 5 servers, so I have two controller nodes, two compute nodes, and one storage node. Installation is also quite smooth.

Test

I found a "bug" (not really).

When the command "cinder show" was executed, the log lacked key information.

Modify code

I found the location where the "problem" appeared.
And I fixed this "bug" and submitted the code.

Make a patch

Now, what should I do?

My current practice:

01 I have already synchronized the code on the compile machine.

02 Also change the patch version number of the cinder (TIS_PATCH_VER).

03 Run the command "build-pkgs" to generate a new version of rpm.

new version: openstack-cinder-11.0.0-1.tis.7.src.rpm

old version: openstack-cinder-11.0.0-1.tis.6.src.rpm

04 Execute the command "\$MY_REPO/stx/stx-update/cgcs-patch/bin/patch_build --id cinder-patch-001 --controller openstack-cinder-11.0.0-1.tis.7.src.rpm openstack-cinder-11.0.0-1.tis.7.src.rpm".

05 Now I got this patch.

Install the patch

Log in to the controller-0 (Controller-Active) node.

Use the command "sw-patch" to upload, apply, and install patches.

The results are all successful.

But, from the final test results, in some cases, the configuration file will be lost after the upgrade or after the rollback.

Maybe this is caused by the spec file, I am not sure.

My question

01. How do I make a patch like me?

03. If I am developing based on version 2018.10.0, can I upgrade later?

Currently I get feedback that I can't upgrade.