Modules - Certificates: Approving certificate request

This tutorial shows how to set approvers for certificate requests.

What do you need before you start

- You need install CzechldM 7.7.0 (and higher).
- You need be logged in as admin.
- You need enable **Certificate** module.
- You are familiar with certificates module tutorial.

Create role for approvers

- In the left menu click on Roles.
- In the following page click on **Add** green button in the upper-right corner.
- Fill Name as "certificate approvers".
- Click on **Save and continue** gree button.
- Click on **Permissions** tab.
- In the following page click on **Add** green button in the upper-right corner.
- Choose **Entity type** as "Certificate requests" and in **Permissions** choose "all" (as in picture below)

New permission Role **Evaluator type** BasePermissionEvaluator certificate_approvers Simple permission evaluator - evaluates selected permissions **Entity type** on selected entity type Certificate requests (CrtRequest) If entity type is not selected, then all types will be evaluating **Permissions** × Administration (all) X w Permissions will be granted by evaluator configuration Order 🕣 Description Inactive Inactive policy will not be applied Close

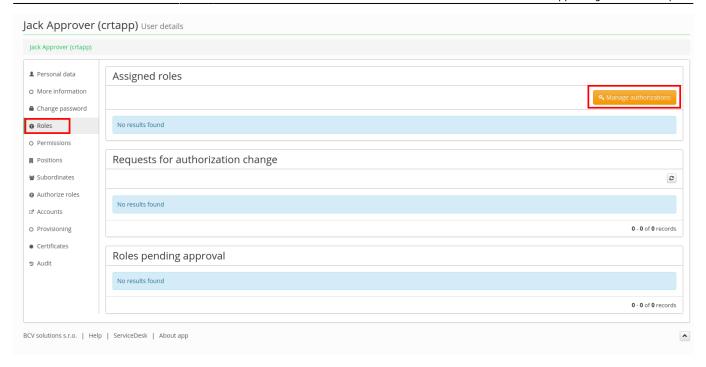
- Now click again on **Add** button to add another permission.
- And fill to **Entity type** "Certificates" and to **Permissions** "all".
- Add another permission **Entity type** is "Certificate authorities" and to **Permission** fill "autocomplete".
- Our new role needs one more permission: **Entity type** "Workflow tasks" **Permission** "Read" to actually get into **Tasks** agenda.

Now we have a role for approvers. In next step, we will create a user and assign him this approver role.

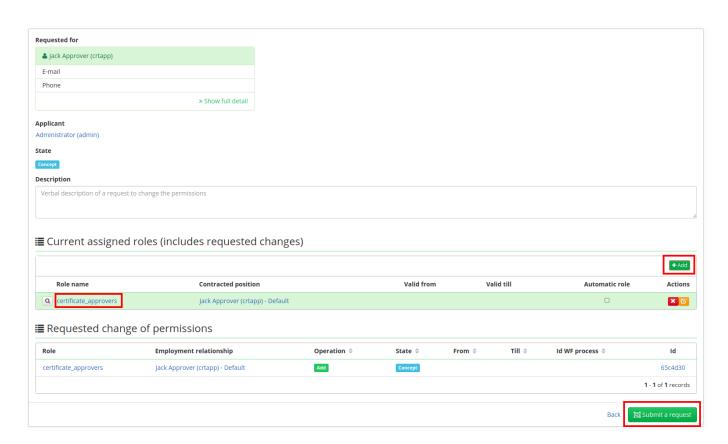
Create user for approving requests

- * In the left menu click on **Users**.
 - On the following page click on Create user green button in the upper-right corner.
 - Fill **Login**, **First name**, **Surname** and **Password**. In the tutorial, we are using "Login: crtapp, First name: Jack, Surname: Approver".
 - Then click on green arrow next to Create button and click on Create and edit.
 - Click on Roles tab and then on Manage authorizations yellow button.

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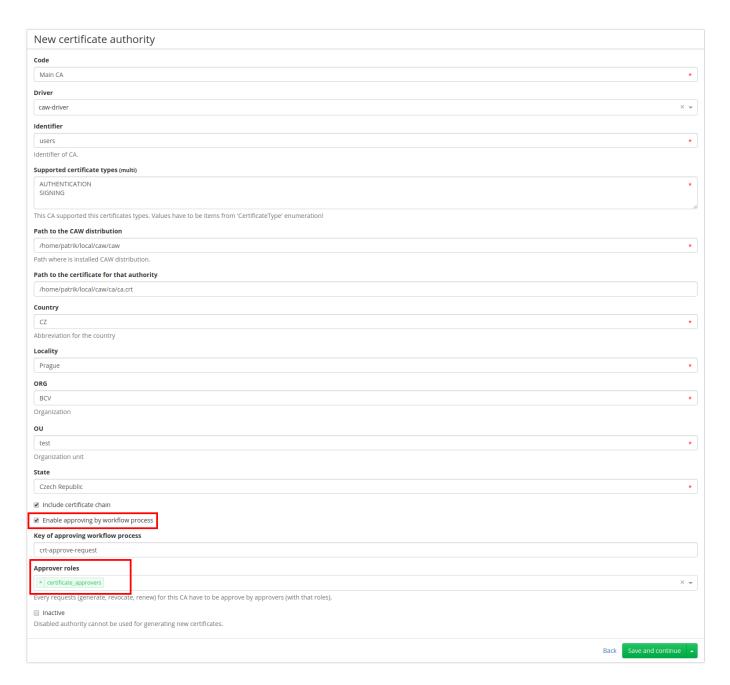
- On this page click on Add button.
- In popup window select role **certificate_approvers** and click on **Set** button.
- Now you should have the same state as in the picture below. Then click on **Submit a request** button.



Set role as approver

Now you may begin tutorial for certificates module. But when we are creating certificate authority we fill in **Approver roles** and enable **Enable approving by workflow process** as in the picture

below. (Or you can modify another certificate authority already created in same section.)



Approving of certificates

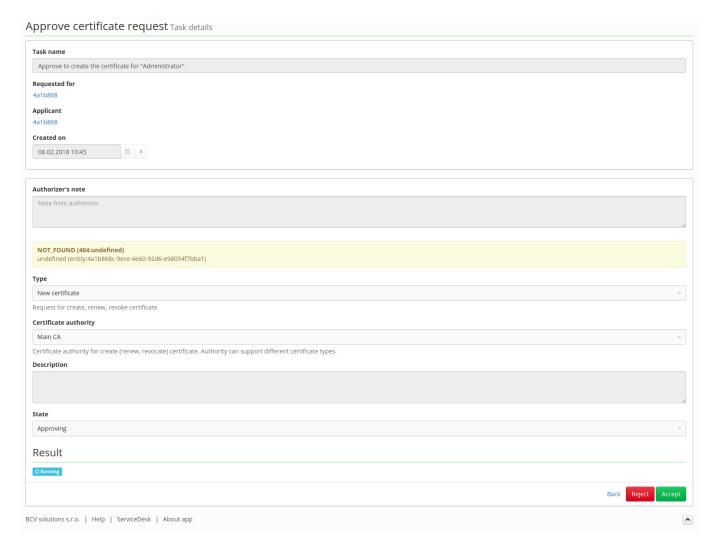
You can continue certificates module tutorial. And in **Generate certificate** after you submit a **New certificate request** (in **Generate certificate by CSR** this popup window's name is **Certificate request detail**) you will be left with this:



So now we have to wait for approvers to accept our request. But since it is tutorial we will do it ourselves: Sign in as Jack. and then:

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- Go to Tasks
- Click on our "create certificate" request.
- Read request and then click on green **Accept** button.
- (As you can see in the picture below, Jack Approver does not have enough permission to get information on admin.)



And now log back in as an admin and you can continue with certificates module tutorial.



A process of renewing or revoke of certificates is approved automatically. Because especially in revoke situation user want to revoke certificate immediately.

Video Guide

How to create certificate - czech language

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