

openQA Project - coordination #89020

coordination # 80142 (Blocked): [saga][epic] Scale out: Redundant/load-balancing deployments of openQA, easy containers, containers on kubernetes

[epic] Support for multiple authentication providers

2021-02-23 13:14 - cdywan

Status:	Workable	Start date:	2021-04-09
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:	Feature requests	Estimated time:	0.00 hour
Target version:	future		
Difficulty:			
Description			
Motivation			
<p>Again the identity provider we use from openSUSE is making some problems, e.g. see #88751 , so we thought about investing in alternatives that we can use in parallel to the existing way. We already have support for other identity provides but not at the same time</p>			
Acceptance criteria			
<ul style="list-style-type: none">• AC1: openqa.opensuse.org offers to login over both the existing provider as well as another one, e.g. using github			
Observation			
<p>In the openQA configuration one can currently choose between <i>FakeAuth</i>, <i>OpenID</i> and <i>OAuth2</i>. Setting auth/method in the config file changes that globally. Only one method can be used at the same time. Changing it would require all logins to go through the new method. And <i>Login</i> always immediately redirects to the configured provider.</p>			
Suggestions			
<ul style="list-style-type: none">• DONE: Add a provider column to the Users table• Make <i>username</i> unique across providers (so the new unique constraint would be username,provider and <i>not</i> just username)• Allow configuring multiple auth methods at the same time• Allow configuring multiple providers per auth method at the same time at least for <i>OAuth2</i> (to be able to support e.g. ipseion and GitHub at the same time)• Ensure existing data defaults to the active provider upon migration or continues to work as-is with manual intervention required• Provide UX in the web UI e.g. expose buttons for providers to choose from• Make it clear in the UI which authentication provider is used			
Subtasks:			
action # 90929: get OAuth2 to work with salsa.debian.org (gitlab)			Resolved

History

#1 - 2021-02-23 13:28 - mkittler

- Description updated

#2 - 2021-02-23 14:45 - okurz

- Description updated

- Category set to Feature requests

- Target version set to future

+1, thx

Added motivation and ACs

#3 - 2021-03-05 12:25 - okurz

cdywan wrote:

- Ensure existing data defaults to the active provider upon migration **or** continues to work as-is with manual intervention required

Also it is completely fine if the accounts from different providers are just individual accounts which do not share any data.

#4 - 2021-04-08 14:43 - mkittler

PR for adding a database column for this has been merged: <https://github.com/os-autoinst/openQA/pull/3770>

Draft PR containing the next step forward for the auth system: <https://github.com/os-autoinst/openQA/pull/3769>

#5 - 2021-04-12 11:00 - okurz

- *Tracker changed from action to coordination*
- *Subject changed from Support for multiple authentication providers to [epic] Support for multiple authentication providers*
- *Status changed from New to Blocked*
- *Assignee set to okurz*
- *Parent task set to #80142*

#6 - 2021-04-13 15:27 - okurz

- *Description updated*

#7 - 2021-04-13 21:05 - okurz

- *Description updated*
- *Status changed from Blocked to Workable*
- *Assignee deleted (okurz)*

further specific subtasks can be created