

sealer Maintainer Meeting Notes

Maintainers meeting is another official meeting of the sealer community. It is mainly for the sealer community to set directions. The detailed goals of maintainers meeting is as following:

- define direction of sealer's roadmap;
- obey and improve the governance rule of sealer community;
- make sealer participants achieve technical success.

sealer's maintainers meeting is totally in public.

Meeting Address(Online):

- [DingTalk](#):
dingtalk://dingtalkclient/page/videoConfFromCalendar?confId=f3a1e3ee-b98f-4654-9340-a2bd706e5f1b&calendarId=1752068350

Meeting Time Monthly:

- 8:00-8:30 PM GMT+8 (Beijing Time) every two Wednesdays.

Maintainer list of sealer: <https://github.com/sealerio/sealer/blob/main/MAINTAINERS.md>

Attendees:

Date	allencloud	fanux	bxy4543	kakazhou719	cuisongliu	justadogistaken	lllwan	vincecui
20220921	Y		Y	Y		Y		Y
20220907								
20220824								
20220810	Y	N	Y	Y	N	Y(host)	N	Y
20220727	Y	N	N	Y(host)	N	Y	N	Y
20220713	Y	N	Y	Y	N	Y(host)	N	N
20220629	Y(host)	N	Y	Y	Y	Y	N	N
20220615	Y(host)	N	Y	N	N	Y	N	Y
20220601	Y(host)	N	Y	N	N	N	N	N
20220518	N	Y(host)	Y	Y	Y	Y	Y	Y

Sep 21th, 2022

Agenda

1. Sync the refactoring status @kakazhou @VinceCui (Request from @allencloud)
Note: (1) golangci-lint @baojiangnan
(2) encrypt password in cluster file(@wangfei)
(3) cmd ut
Action: (1) make ci work (@baojiangnan)
(2) put docs to github. (@huaiyou)
2. Sync the current application design (@baojiangnan)

Agenda

1. A brief introduction for buildah and buildkit. @Jsparter

Aug 24th, 2022

Agenda

1. Distinguish env from app and etc.
 - a. Ack has strong demand for the “env”.
2. Expand the research for local test.
 - a. <https://github.com/sealerio/sealer/issues/1633>.
3. Github action forbidden.
 - a. There are information security issues
 - b. At present, the problem of automatic construction can be solved by locking the issue, and the action whitelist is being investigated.
 - c. Automated builds do not allow users to arbitrarily build images into our repository

Aug 10th, 2022

Agenda

1. Do we need to configure registry information in the clusterfile?
Diss:
Day 2 configuration for cluster components

Export configuration for internal registry.??

2. Sealer support load container images to other registry.

<https://github.com/sealerio/sealer/issues/1598>

- From local sealer image
- From remote registry(acr)

Conclusion:

We need to support such ability.

The easiest way to make it as follows:

- (1) Set up internal registry
- (2) Pull from this registry.
- (3) Push to target registry

3. Pull request review@xinyuan <https://github.com/sealerio/sealer/pull/1619>

July 27th, 2022

Agenda

1. If we allow "--downloadImage" option in build?
<https://github.com/sealerio/sealer/pull/1599>
2. If we should be responsible for users from community recently?
3. Code refactor
<https://github.com/sealerio/sealer/issues/1606>
4. Do we need to separate the cluster config to runtime configuration and the application configuration?to be determined later.@zhoulei
5. sealer control flow needs to be standardized, and the interaction with the file system needs to be standardized.@hongliang,@huaiyou
6. The image module is refactored, and the first version can be released at the next meeting @jiangnan
7. sealer run data flow optimization, the next meeting can have the first version @huaiyou
8. Integration test after sealer refactoring: build, run, module, the first version will be available at the next meeting@zhoulei,@wangfei
9. refactor runtime module @xinyuan

July 13th, 2022

Agenda

1. A more k8s-based/sealer-rootfs-transparent instructions in Kubefile

<https://github.com/sealerio/sealer/issues/1579>

Discussion: which type of instructions should be specific?

Rootfs-related:

- Plugins

K8S-related:

- CNI
- CSI
- charts

Notes: Maybe k8s-related Kubefile instructions are not our business, to launch a cluster, we may not need to care about CNI/CSI. But we can provide some instructions to support those core components. And we can support those instructions in the application image.

2. Integrating buildah (<https://github.com/containers/buildah>).

<https://github.com/sealerio/sealer/issues/1581>

Notes: how to be compatible with new instructions?

- Develop a semantic translator(a temp approach, when we make Kubefile instructions a standard, we cooperate with upstream)

3. Which ClusterImage will sealer team officially support ?

<https://github.com/sealerio/sealer/issues/1564>

[Official for sealer cluster image. We maintain those images.

Comm with @huaiyou to know which k8s version should be supported. @baojiangnan

@wangfei @zhoulei arrange how to support official cluster image.]

4. ImageSpec refactor to stable

June 29th, 2022

Agenda

1. @allencloud Discuss whether to maintain Chinese docs?

- a. Jiangnan: Agree
- b. Allencloud: Agree
- c. Zhoulei: Agree
- d. Jiahui: Agree

2. How to maintain high-quality English docs?

3. Discuss the runtime module improvement @starComingup

<https://github.com/sealerio/sealer/issues/1504> Add P0 label.

@zhoulei Do we need to include registry in the runtime? Split it away from runtime in the long term

4. @jiahui Should we classify the cluster runtime and container runtime, both in concept and code aspects?
 - a. @allencloud yes.

- b. @jiangnan OK
 - c. @zhoulei OK
- 5. @zhoulei BaseFS, CRI supports dockerd and containerd, but with specified version. Shall we let user specify version of dockerd and containerd version?
- 6. @xinyuan How to distinguish user's kxs in ClusterImage?

June 15th, 2022

Agenda

1. Talked about sealer's governance rules:
<https://github.com/sealerio/community/blob/main/GOVERNANCE.md>
2. Talked about the newly updated Roadmap:
<https://github.com/sealerio/sealer/blob/main/ROADMAP.md> , keep consensus consistency among maintainers.
3. Talked about whether different maintainers are responsible for different parts. Some maintainer volunteered to be responsible for some part:
 - a. Vincecui: volunteer to take apply part
 - b. Justadogistaken: volunteer to take ClusterImage building part;
 - c. More should be covered.
4. Talked about the priority of project engagement. Here are some aspects but with no judgment procedure:
 - a. User experience improvement to avoid running into error when end user tries sealer;
 - b. Architecture improvement to reduce hacking cost and developer community ecosystem.
 - c. others

June 1st, 2022

Agenda

Roadmap Staff

Governance Rules Staff

Project Development Staff

- Regular followup of all issues
- Regular followup of all pull requests

Other Community Staff

- Sync the status of sealer's transferring to CNCF: <https://github.com/cncf/toc/issues/831>
- Public promotion:

May 18th, 2022

Agenda

功能方面的迭代建立壁垒，不仅仅定位在安装工具上。需要提供更多功能去吸引开发者。

外部开发者吸引这块，maintainer管理规划需要让外部开发者了解

roadmap更清晰，开发者知道规划方向。bug feature的梳理。

module比较独立的单独做个项目，开发者更容易上手。

生态方面，不想关心基础设施，中间件，把业务交付做应用发布一样简单。屏蔽一切。

文档缺失，文档看不懂。

稳定性问题，token优化问题等，细节优化，issue长期无人跟踪

ssh解析返回不好，可以优化

quick start丰富一些，开发门槛要降低，单机快速上手，指令让开发者快速搭建单集群体验sealer，

对与新的开发者容易很多。通过虚拟机run，比如提供vagrant镜像