



University of Münster

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Sciebo Site Report

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- moved all production w/ exception of some minor homegrown services to k8s





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- some friendly additional services





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- ▶ for reliance the most critical parameters relate to synchronization of terminated nodes





overall robust experience



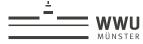


- overall robust experience
- clean shutdown help clean startups; almost all issues are due to SST (complete transfer of state to new node)
- ▶ many smaller cluster definitely feel less terrifying than extremely large clusters





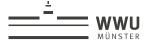
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- ▶ many smaller cluster definitely feel less terrifying than extremely large clusters
- performance is as good (or bad) as native; mainly limited by the synchronization guarantees





Friends!

| Service | level of integrati- | maturity | production level | deployment via | |
|------------------------|---------------------|---|------------------|-----------------------------------|--|
| | on | | | | |
| OnlyOffice | full (app) | feature complete | productive | docker on separate system | |
| Collabora | full (app) | federation not wor- king* | testing | easy helm chart | |
| Overleaf | credentials | federation and files- haring not working | testing on users | custom helm chart and codebase | |
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TODO: Install OnlyOffice with helm



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- deployments are easily automated with ArgoCD
- hacks can be made with kustomize or just shell scripts



Co-Developing helm charts

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- charts need to somewhat track the actual application
- we do not want to bog down the actual maintainers with the additional burden of managing charts



Practices





Not best. Possibly not worst.

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- use Secrets for secrets; allow user provided secrets so the values YAML can be clean and committed unencrypted to git!



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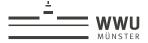
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- LEARNING Licenses and Contributer Agreements are necessary and not too bad; they enable some people to contribute and use the product
- Resolution Upstream first; try fixing issues upstream instead of quick workarounds



Thanks!

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