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| Lab 4 |

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| Portable Technologies in Cloud |  |  |
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# Preparing the cluster

A screenshot of a computer

Description automatically generated

Screenshot Deploy EC2 instance

A screenshot of a computer

Description automatically generated

Screenshot Terraform deployed

A picture containing text, screenshot, software, font

Description automatically generated

Screenshot Installation file copied to instance

A picture containing text, software, screenshot, multimedia software

Description automatically generated

Screenshot login into the instance.

A screenshot of a computer program

Description automatically generated with medium confidence

Screenshot Updated permissions

A screenshot of a computer

Description automatically generated with medium confidence

Screenshot Installation script run

A screenshot of a computer screen

Description automatically generated with low confidence

Screenshot Verified cluster running

A screenshot of a computer

Description automatically generated

Screenshot nginx pod created, and pods in default namespace and all namespaces were listed

A screenshot of a computer

Description automatically generated

Screenshot retrieved pod's descriptor

A picture containing text, screenshot, software, multimedia software

Description automatically generated

Screenshot accessing nginx webserver running in a pod

A picture containing text, screenshot, font, software

Description automatically generated

Screenshot Curl localhost

A picture containing text, font, screenshot

Description automatically generated

Screenshot Pod manifest created

Modified command used k run kubia --image luksa/kubia --dry-run=client -o yaml>kubia-manual.yaml

A computer screen with white text

Description automatically generated with low confidence

Screenshot Kubia deployment with YAML Manifest

A computer screen with white text

Description automatically generated with low confidence

Screenshot Kubia deployment

A screen shot of a computer program

Description automatically generated with low confidence

Screenshot Retrieving logs pingpong

# References

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