

## Issues

| #    | Project                           | Tracker | Status      | Priority | Subject  | Assignee           | Updated             |
|------|-----------------------------------|---------|-------------|----------|--|--------------------|---------------------|
| 6467 | Open Infrastructure               | Task    | New         | Low      | Add 2FA as an optional login security measurement  | William Colmenares | 03/19/2019 01:42 PM |
| 6395 | Open Infrastructure               | Task    | New         | Normal   | Add a FreeBSD NOINET image for ipv6onlyhosting.com   |                    | 05/01/2019 10:59 AM |
| 7350 | hack4glarus-2019-winter           | Task    | New         | Normal   | Add automatic / scheduled configuration support to cdist                                       |                    | 11/28/2019 03:41 PM |
| 6810 | queue                             | Task    | New         | Normal   | Add a wireguard prometheus exporter to our infrastructure                                      |                    | 07/17/2019 07:06 PM |
| 8916 | Open Infrastructure               | Task    | In Progress | Normal   | Add DNS over TLS or HTTP support in DCL  | Nico Schottelius   | 02/18/2021 04:21 PM |
| 6981 | queue                             | Task    | New         | Normal   | Add encryption/signing of messages into RT (support.ungleich.ch)                               |                    | 07/18/2019 11:13 AM |
| 7521 | Swiss School of Digital Education | Task    | New         | Low      | Add IPv6 course offer  | Sanghee Kim        | 12/21/2019 03:15 PM |
| 7190 | Open Infrastructure               | Task    | Seen        | Normal   | Add mdadm monitoring via prometheus  | Jin-Guk Kwon       | 10/04/2019 03:36 PM |
| 7570 | ipv6                              | Task    | Seen        | Normal   | Add more questions and answers to official FAQ   | Sanghee Kim        | 01/08/2020 11:29 AM |
| 7398 | hack4glarus-2019-winter           | Task    | New         | Normal   | Add more Search Engines to <input type="checkbox"/> CopyScan                                   | Martin Vögeli      | 12/01/2019 11:46 AM |
| 9516 | Open Infrastructure               | Task    | New         | Normal   | Add proxy protocol support for IPv4->IPv6 proxies to enable client IP information pass through | Nico Schottelius   | 07/17/2021 07:43 PM |
| 5929 | Open Infrastructure               | Task    | New         | Normal   | Add public kubernetes support  | Nico Schottelius   | 11/01/2018 04:29 PM |
| 7629 | Open Infrastructure               | Task    | New         | Normal   | Add referral link system in dynamicweb (DCL, IPv6OnlyHosting etc)                              | Ahmed Bilal        | 01/20/2020 09:27 AM |
| 7179 | Open Infrastructure               | Task    | Waiting     | Normal   | Add Slowdown/Cooldown in TOTP verification/serializer  | Nico Schottelius   | 09/30/2019 11:51 AM |
| 7552 | Open Infrastructure               | Task    | In Progress | Normal   | Add some non-critical traffic to router1.place6  | Nico Schottelius   | 01/02/2020 12:47 PM |
| 7186 | Open Infrastructure               | Task    | New         | Normal   | Add support for general VPN including IPv4   | Sanghee Kim        | 01/13/2020 06:37 PM |
| 8536 | Open Infrastructure               | Task    | Feedback    | Normal   | Add Ubuntu 20.10 Support to DCL  | Sanghee Kim        | 10/26/2020 03:13 PM |
| 8687 | Open Infrastructure               | Task    | In Progress | Normal   | Adjust django-hosting to run on Alpine Linux   | Nico Schottelius   | 12/15/2020 11:20 AM |
| 6900 | Open Infrastructure               | Task    | In Progress | Normal   | Allow creating an image from a file in ucloud-api and ucloud-cli                               |                    | 12/01/2020 02:43 PM |
| 6762 | Open Infrastructure               | Task    | New         | High     | Allow IPv6 only hosts to properly send emails to IPv4 only hosts                               | Nico Schottelius   | 06/03/2019 04:18 PM |
| 9401 | Open Infrastructure               | Task    | New         | Normal   | Building an IPv6 only Matrix network   | Nico Schottelius   | 06/07/2021 08:10 PM |
| 6437 | Open Infrastructure               | Task    | New         | Normal   | build opennebula ARM64 Packages  |                    | 05/01/2019 11:33 AM |
| 8202 | Open Infrastructure               | Task    | New         | Normal   | ceph upstream: ask for one more digit in ceph -s   |                    | 02/10/2021 09:20 AM |
| 6869 | Open Infrastructure               | Task    | In Progress | High     | Challenge OpenStack and OpenNebula with ucloud   | Nico Schottelius   | 08/09/2021 03:20 PM |
| 7207 | Open Infrastructure               | Task    | Feedback    | Normal   | Change/add etcd backend to ungleich-otp and rename it to uotp                                  | Nico Schottelius   | 10/09/2019 12:17 PM |
| 6211 | queue                             | Task    | New         | Normal   | Change nfrules on routers to DROP by default   |                    | 06/28/2019 12:21 PM |
| 8716 | Open Infrastructure               | Task    | New         | Normal   | Checkout support for RNG pass through / help to VMs  |                    | 12/16/2020 12:53 PM |
| 8537 | Open Infrastructure               | Task    | New         | Normal   | Check whether we can support DNS wildcard with our ipv4/ipv6 proxy                             | Jin-Guk Kwon       | 10/26/2020 01:38 PM |
| 7358 | hack4glarus-2019-winter           | Task    | New         | Normal   | Compare mastodon servers && create cdist manifest of the easier one                            |                    | 11/29/2019 11:18 AM |

| #    | Project                           | Tracker | Status      | Priority | Subject   | Assignee         | Updated             |
|------|-----------------------------------|---------|-------------|----------|---|------------------|---------------------|
| 7187 | Open Infrastructure               | Task    | Resolved    | Normal   | Configure prometheus blackbox exporter to monitor heise.de via IPv4 and IPv6                  | Nico Schottelius | 01/19/2021 12:48 PM |
| 6903 | Open Infrastructure               | Task    | Seen        | Normal   | Create a cdist type for files.datacenterlight.ch  | Nico Schottelius | 06/11/2020 09:34 AM |
| 7015 | ipv6                              | Task    | In Progress | Normal   | Create a decentralised, global display based on IPv6  | Nico Schottelius | 07/31/2019 07:54 PM |
| 7348 | hack4glarus-2019-winter           | Task    | New         | Normal   | Create a devuan ucloud image  |                  | 11/28/2019 03:38 PM |
| 7184 | Open Infrastructure               | Task    | Feedback    | Normal   | Create a mailing list for maintenance notifications   | Sanghee Kim      | 10/18/2019 08:16 PM |
| 7344 | hack4glarus-2019-winter           | Task    | New         | Normal   | Create a matrix/mattermost bridge to chat.ungleich.ch and a cdist type for it                 |                  | 11/28/2019 03:36 PM |
| 7347 | hack4glarus-2019-winter           | Task    | New         | Normal   | Create an Alpine ucloud image   |                  | 11/28/2019 03:38 PM |
| 7354 | hack4glarus-2019-winter           | Task    | New         | Normal   | Create a NAT4664 PoC  |                  | 11/28/2019 10:56 PM |
| 7343 | hack4glarus-2019-winter           | Task    | New         | Normal   | Create an automated routing daemon (IPv6)   |                  | 11/28/2019 01:51 PM |
| 7574 | ipv6                              | Task    | New         | Normal   | Create and setup VM for prototype Smarthost   | Nico Schottelius | 01/06/2020 12:19 PM |
| 6452 | queue                             | Task    | New         | Normal   | Create a new django micro service: IPv6 wishlist  |                  | 07/21/2019 08:43 PM |
| 6811 | queue                             | Task    | New         | Normal   | Create a new easy to use cloud / vmm manager [project name: Kraut cloud, crown cloud, ucloud] |                  | 06/09/2019 02:28 AM |
| 6405 | ipv6                              | Task    | New         | Normal   | Create a new IPv6 game (working title: IPv6 treasure hunt)                                    | Nico Schottelius | 05/01/2019 11:38 PM |
| 7385 | hack4glarus-2019-winter           | Task    | New         | Normal   | Create a new service named "ipv6" that offers in ipv6 networkservices                         |                  | 11/30/2019 02:03 PM |
| 7387 | hack4glarus-2019-winter           | Task    | New         | Normal   | Create an iPXE binary WITHOUT ipv4 support (only IPv6)  |                  | 11/30/2019 05:56 PM |
| 7346 | hack4glarus-2019-winter           | Task    | New         | Normal   | Create an OpenBSD ucloud image  |                  | 11/28/2019 03:37 PM |
| 7342 | hack4glarus-2019-winter           | Task    | New         | Normal   | Create an RFC for adding DoT and DoH options to IPv6 router advertisements                    |                  | 11/28/2019 01:45 PM |
| 6780 | Open Infrastructure               | Task    | New         | Normal   | Create an RFC for ungleich-otp  | Mondi Ravi       | 06/08/2019 05:07 PM |
| 6720 | Open Infrastructure               | Task    | New         | Normal   | Create a proxy to reduce latency of package downloads   |                  | 05/22/2019 04:22 PM |
| 7397 | hack4glarus-2019-winter           | Task    | New         | Normal   | Create a script to create a net-bootable alpine image   |                  | 11/30/2019 11:29 PM |
| 6727 | Open Infrastructure               | Task    | New         | Normal   | Create a terraform provider   |                  | 05/23/2019 04:12 PM |
| 7349 | hack4glarus-2019-winter           | Task    | New         | Normal   | Create a wifi bridge from Diesbach to Luchsingen  |                  | 11/28/2019 03:39 PM |
| 7403 | Open Infrastructure               | Task    | New         | Normal   | Create customer friendly guide for ucloud   |                  | 12/01/2020 02:43 PM |
| 7777 | Open Infrastructure               | Task    | Resolved    | Normal   | Create Documentation of Nextcloud   | Nico Schottelius | 01/19/2021 12:48 PM |
| 7136 | Open Infrastructure               | Task    | Seen        | Normal   | Create Git submodules   | Jin-Guk Kwon     | 10/04/2019 03:37 PM |
| 6708 | Open Infrastructure               | Task    | New         | Normal   | Create infrastructure usable for IPv6 workshops   | Nico Schottelius | 05/19/2019 07:34 PM |
| 5753 | Open Infrastructure               | Task    | New         | Normal   | Create Linux beginners guide  |                  | 05/01/2019 11:32 AM |
| 7023 | Swiss School of Digital Education | Task    | New         | Normal   | Create logo and register brand in Switzerland   | Sanghee Kim      | 08/01/2019 10:48 PM |
| 9091 | Swiss School of Digital Education | Task    | In Progress | Normal   | Create, market and launch "Basic IPv6 Routing" Course   | Nico Schottelius | 04/02/2021 06:47 PM |

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|-------|-----------------------------------|---------|-------------|----------|--|------------------|---------------------|
| 5695  | queue                             | Task    | New         | Normal   | Create micro service that broadcasts events from opennebula on our message bus           |                  | 06/23/2019 06:57 PM |
| 9294  | Swiss School of Digital Education | Task    | New         | Normal   | Create plan for hosting Christian Folini and team  | Sanghee Kim      | 05/06/2021 03:09 PM |
| 7503  | Open Infrastructure               | Task    | New         | Normal   | Create script to create new / updated OpenBSD image for OpenNebula                       |                  | 02/10/2021 09:11 AM |
| 6899  | Open Infrastructure               | Task    | In Progress | Normal   | Create ucloud-file-scan service  |                  | 12/01/2020 02:43 PM |
| 6857  | Open Infrastructure               | Task    | In Progress | Normal   | Create ucloud-firewall   | Nico Schottelius | 07/01/2020 11:46 AM |
| 6897  | Open Infrastructure               | Task    | In Progress | Normal   | Create ucloud-image service  |                  | 12/01/2020 02:48 PM |
| 7401  | Open Infrastructure               | Task    | New         | Normal   | Create ucloud package for python/alpine  |                  | 12/01/2020 02:43 PM |
| 7206  | Open Infrastructure               | Task    | In Progress | Normal   | Create ucloud page under ungleich.ch/ucloud  | Nico Schottelius | 10/10/2019 06:41 PM |
| 6679  | queue                             | Task    | New         | Normal   | Create ungleich game, a flask based game to show system engineering skills               |                  | 11/06/2019 11:54 AM |
| 7278  | Open Infrastructure               | Task    | In Progress | Normal   | Define how networking works in ucloud  | Nico Schottelius | 10/31/2019 09:19 AM |
| 7359  | hack4glarus-2019-winter           | Task    | New         | Normal   | Define how to properly use docker in ipv6 only networks                                  |                  | 11/29/2019 04:34 PM |
| 6919  | Open Infrastructure               | Task    | New         | Normal   | Define incident / downtime notification channels and reaction times                      | Nico Schottelius | 07/02/2019 07:18 PM |
| 8447  | Open Infrastructure               | Task    | In Progress | Normal   | Deploy POC IPv6 cluster on DCL (v202009)   | Nico Schottelius | 09/15/2020 10:24 PM |
| 7688  | Open Infrastructure               | Task    | In Progress | Normal   | Disable rp_filter on router2.place5 (alpine sets =1 on .all and .default)                | Nico Schottelius | 02/04/2020 05:28 PM |
| 7378  | hack4glarus-2019-winter           | Task    | In Progress | Normal   | Document / explore on how to sensibly run docker with a /64                              |                  | 11/30/2019 09:47 PM |
| 6693  | Open Infrastructure               | Task    | In Progress | Normal   | Document internal networking support, console features, floating IP options              | Nico Schottelius | 05/16/2019 03:55 PM |
| 7044  | Open Infrastructure               | Task    | New         | Normal   | Document IPv6 only NAT64 enabled client network issues                                   | Nico Schottelius | 08/13/2019 10:47 AM |
| 6052  | Open Infrastructure               | Task    | Seen        | Normal   | Document IPv6 routing service  | Nico Schottelius | 11/11/2018 11:51 PM |
| 7504  | Open Infrastructure               | Task    | New         | Low      | Document OpenNebula image creation   |                  | 02/10/2021 09:10 AM |
| 6406  | Open Infrastructure               | Task    | New         | Normal   | Document our LDAP setup and make it publicly available                                   | Nico Schottelius | 01/19/2021 12:48 PM |
| 5882  | Open Infrastructure               | Task    | In Progress | Normal   | Document the netboot setup   | Nico Schottelius | 10/25/2018 08:47 PM |
| 7086  | Open Infrastructure               | Task    | New         | Normal   | [dynamicweb]Expose password reset option in the user dashboard                           | Sanghee Kim      | 08/26/2019 02:29 PM |
| 7089  | Open Infrastructure               | Task    | New         | Normal   | [dynamicweb] Implement 2FA in dynamicweb with ungleich-otp                               | Mondi Ravi       | 08/26/2019 01:59 PM |
| 7033  | Open Infrastructure               | Task    | New         | Normal   | [dynamicweb] Payment fails without a proper message                                      |                  | 08/07/2019 06:20 PM |
| 7087  | Open Infrastructure               | Task    | New         | Normal   | [dynamicweb] Remove password in email and replace it with a link to set it via dashboard |                  | 08/26/2019 01:57 PM |
| 7937  | Open Infrastructure               | Task    | New         | Normal   | Estimate the effort to create matrix web client; create minimum sample                   |                  | 12/01/2020 02:49 PM |
| 10614 | Hack4Glarus 2022 (summer)         | Task    | New         | Normal   | Evaluate Hitobito  |                  | 06/12/2022 06:25 AM |
| 7153  | Open Infrastructure               | Task    | In Progress | Normal   | Experiment with full routing tables  | Nico Schottelius | 09/17/2019 05:24 PM |
| 6465  | Open Infrastructure               | Task    | In Progress | High     | Expire the password reset link [datacenterlight, dynamicweb]                             | Mondi Ravi       | 07/15/2019 01:34 PM |
| 7405  | ipv6                              | Task    | In Progress | Normal   | Explore IPv6 compatible IoT devices  | Nico Schottelius | 12/02/2019 04:09 PM |

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|------|-------------------------|---------|-------------|----------|--|--------------------|---------------------|
| 6258 | Open Infrastructure     | Task    | In Progress | Normal   | Expose IPv6 vs. IPv4 statistics publicly   | Nico Schottelius   | 12/23/2018 07:03 PM |
| 6414 | Open Infrastructure     | Task    | New         | Normal   | Expose the console of the VM to the users (noVNC or spice)                                 | Mondi Ravi         | 06/25/2019 06:49 PM |
| 5436 | queue                   | Task    | New         | Normal   | Figure out what the fortinet device is for and checkout if we have a use for it            |                    | 06/24/2019 12:27 PM |
| 7352 | hack4glarus-2019-winter | Task    | New         | Normal   | Find a way to update mikrotik routers in IPv6 only networks                                |                    | 11/28/2019 04:01 PM |
| 7009 | Open Infrastructure     | Task    | In Progress | Normal   | Find out why Alpine Linux hangs at boot when it does not have a link on a device with dhcp | Nico Schottelius   | 07/30/2019 08:02 PM |
| 7604 | Open Infrastructure     | Task    | In Progress | Normal   | Find out why ciara2 was not automatically detected to be offline                           | Nico Schottelius   | 01/13/2020 07:30 PM |
| 6794 | Open Infrastructure     | Task    | In Progress | Urgent   | Find out why request tracker crashes from time to time and fix it                          | Yury Komarov       | 07/08/2019 03:33 PM |
| 6255 | Open Infrastructure     | Task    | In Progress | Normal   | Find the right settings for kubernetes in ipv6 only settings                               | Nico Schottelius   | 12/23/2018 11:14 PM |
| 7366 | hack4glarus-2019-winter | Task    | In Progress | Normal   | Finish the first levels of the ungleich-game   | Den Ivanov         | 12/03/2019 11:00 PM |
| 7010 | Open Infrastructure     | Task    | Waiting     | Normal   | Fix Alpine Linux installer to support serial && push it upstream                           |                    | 06/11/2020 09:35 AM |
| 6625 | queue                   | Task    | Feedback    | Normal   | Fix our dkin setup   | Nico Schottelius   | 10/17/2019 10:29 AM |
| 8235 | ipv6                    | Task    | In Progress | Normal   | Fix software to bind on IPv6 by default  | Nico Schottelius   | 06/29/2020 10:39 PM |
| 6466 | Open Infrastructure     | Task    | New         | Normal   | Fix the link in the password reset E-Mail [dynamicweb]                                     | William Colmenares | 06/26/2019 04:28 PM |
| 7295 | Open Infrastructure     | Task    | New         | Normal   | Flow 10: as a sysadmin, I want to be able to see statistics                                |                    | 12/01/2020 02:43 PM |
| 7287 | Open Infrastructure     | Task    | New         | Normal   | Flow 2: As a user I want to order an IPv6 only VM (via cli) (existing OS)                  |                    | 12/01/2020 02:43 PM |
| 7288 | Open Infrastructure     | Task    | New         | Normal   | Flow 3: As a user I want to order a VM with my own OS (IPv6 only)                          |                    | 12/01/2020 02:43 PM |
| 7289 | Open Infrastructure     | Task    | New         | Normal   | Flow 4: As a user I want to have a dualstack reachable VM                                  |                    | 12/01/2020 02:43 PM |
| 7290 | Open Infrastructure     | Task    | New         | Normal   | Flow 5: as a user I want to map an IPv4 address to another VM                              |                    | 12/01/2020 02:43 PM |
| 7291 | Open Infrastructure     | Task    | New         | Normal   | Flow 6: as a sysadmin I want to know / install all requirements                            | Nico Schottelius   | 11/02/2019 12:53 AM |
| 7292 | Open Infrastructure     | Task    | New         | Normal   | Flow 7: as a sysadmin I want to be able to migrate VMs                                     |                    | 12/01/2020 02:43 PM |
| 7293 | Open Infrastructure     | Task    | New         | Normal   | Flow 8: As a user I want to be able to order a new network and use it                      |                    | 12/01/2020 02:43 PM |
| 7294 | Open Infrastructure     | Task    | New         | Normal   | Flow 9: as a user I want to have an overview of my spendings and bills                     | Mondi Ravi         | 11/02/2019 12:59 AM |
| 7285 | Open Infrastructure     | Task    | In Progress | Normal   | Flows to implement and do document for go live (parent)                                    | Nico Schottelius   | 08/09/2021 03:20 PM |
| 7654 | Open Infrastructure     | Task    | New         | Normal   | Get VMs info from Opennebula and save it in etcd   | Ahmed Bilal        | 01/28/2020 10:36 AM |
| 6279 | Open Infrastructure     | Task    | Seen        | High     | Implement different payment cycles for VMs   | Mondi Ravi         | 06/24/2019 07:43 PM |
| 8651 | Open Infrastructure     | Task    | Seen        | Normal   | Implement floating IPs   | Jin-Guk Kwon       | 11/28/2020 08:33 PM |
| 6685 | queue                   | Task    | New         | Normal   | Implement game challenges 1-6  |                    | 06/23/2019 07:02 PM |
| 7125 | Open Infrastructure     | Task    | Feedback    | Normal   | Implement "ordering" and "products" with ucloud  | Nico Schottelius   | 09/28/2019 04:36 PM |
| 6904 | Open Infrastructure     | Task    | In Progress | Normal   | Implement ucloud-image-store management  |                    | 12/01/2020 02:43 PM |
| 6435 | Open Infrastructure     | Task    | Feedback    | High     | Improvements for IPv6.work v1.0  | Nico Schottelius   | 03/19/2019 05:16 AM |
| 7568 | ipv6                    | Task    | New         | Normal   | Incoming SMTP IPv4 proxy   | Nico Schottelius   | 01/31/2022 01:09 PM |

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|-------|-----------------------------------|---------|-------------|----------|---|------------------|---------------------|
| 5928  | Open Infrastructure               | Task    | New         | Normal   | Introduce API support for VM handling: create and delete operation (and maybe image upload) | Nico Schottelius | 11/01/2018 04:28 PM |
| 6915  | Open Infrastructure               | Task    | Seen        | Normal   | Introduce host status' and over/underbooking constraints                                    |                  | 12/01/2020 02:43 PM |
| 8069  | Open Infrastructure               | Task    | Waiting     | Normal   | Investigate potential bottleneck on storage/CEPH at DCL                                     |                  | 05/29/2020 09:02 AM |
| 7569  | ipv6                              | Task    | New         | Normal   | IPv6 only DNS   | Nico Schottelius | 01/05/2020 04:12 PM |
| 10238 | ipv6                              | Task    | Waiting     | Normal   | ipv6-only DNS setup is misleading and misconfigured   | Nico Schottelius | 01/31/2022 01:36 PM |
| 7229  | Open Infrastructure               | Task    | New         | Normal   | Make __letsencrypt_nginx_cert to work on alpine   |                  | 10/14/2019 12:23 PM |
| 7053  | Open Infrastructure               | Task    | New         | Normal   | Make nodejs/npm work on IPv6 only hosts   |                  | 08/16/2019 10:52 AM |
| 7117  | Open Infrastructure               | Task    | New         | Normal   | Make ungleich-otp better usable for the public  | Nico Schottelius | 09/05/2019 01:55 PM |
| 7249  | Open Infrastructure               | Task    | Seen        | Normal   | Merge ucloud components into one repository   | Nico Schottelius | 10/25/2019 12:50 PM |
| 9487  | Open Infrastructure               | Task    | In Progress | Normal   | Migrate our ceph clusters into rook   | Nico Schottelius | 07/08/2021 11:35 PM |
| 10411 | Open Infrastructure               | Task    | In Progress | Normal   | Migrate ula.ungleich.ch into Kubernetes and upgrade it to latest Django                     | Nico Schottelius | 03/19/2022 07:46 PM |
| 6763  | Open Infrastructure               | Task    | Seen        | Normal   | Mirror debian (maybe from / with help of debian.ethz.ch)                                    | Yury Komarov     | 06/18/2019 03:13 PM |
| 8237  | ipv6                              | Task    | New         | Normal   | Modify flask to bind on IPv6 by default   | Nico Schottelius | 06/29/2020 10:41 PM |
| 8238  | ipv6                              | Task    | New         | Normal   | Modify nodejs to bind on IPv6 by default  | Nico Schottelius | 06/29/2020 10:42 PM |
| 8236  | ipv6                              | Task    | New         | Normal   | Modify python3 -m http.server to bind to IPv6 by default                                    | Mondi Ravi       | 06/29/2020 10:45 PM |
| 6541  | Open Infrastructure               | Task    | In Progress | Normal   | Monitor fans and power supplies   | Nico Schottelius | 01/19/2021 12:48 PM |
| 7382  | hack4glarus-2019-winter           | Task    | Waiting     | Normal   | Monitoring at a different level (BPF/Suricata/Cilium)                                       | Philipp Buehler  | 12/01/2019 11:40 AM |
| 7930  | Open Infrastructure               | Task    | Waiting     | Normal   | Monitoring LAN in place6  |                  | 02/10/2021 09:26 AM |
| 7381  | hack4glarus-2019-winter           | Task    | Resolved    | Normal   | Monitor lorawan temperature sensors with prometheus + grafana                               |                  | 11/30/2019 09:46 PM |
| 7135  | Open Infrastructure               | Task    | Seen        | Normal   | Monitor nginx status codes in prometheus  | Jin-Guk Kwon     | 10/04/2019 03:37 PM |
| 8111  | Open Infrastructure               | Task    | In Progress | Normal   | Monitor unbound nodes   |                  | 02/10/2021 09:21 AM |
| 7507  | Open Infrastructure               | Task    | New         | Low      | Monitor upstream releases / security advisories   |                  | 12/19/2019 07:41 PM |
| 6068  | queue                             | Task    | New         | Normal   | Move redash (lorawan.ungleich.ch) to a new IPv6 only VM in place6                           |                  | 06/23/2019 06:53 PM |
| 7371  | hack4glarus-2019-winter           | Task    | In Progress | Normal   | mozilla iot   | David Hasselhoff | 11/30/2019 08:18 PM |
| 7138  | Open Infrastructure               | Task    | In Progress | Normal   | Nico's open / next points for ucloud  | Nico Schottelius | 10/06/2019 07:22 AM |
| 7953  | Open Infrastructure               | Task    | New         | Normal   | Normalize user management   |                  | 05/02/2020 11:23 AM |
| 7757  | Open Infrastructure               | Task    | Seen        | Normal   | opennebula incorrectly re-uses vncs ports   | Nico Schottelius | 02/19/2020 02:28 PM |
| 7898  | Swiss School of Digital Education | Task    | In Progress | Normal   | Organise first Django course (1 week)   | Nico Schottelius | 06/15/2020 05:06 PM |
| 9650  | Swiss School of Digital Education | Task    | In Progress | Normal   | Organise food   | Nico Schottelius | 08/19/2021 12:24 PM |
| 9648  | Swiss School of Digital Education | Task    | In Progress | Normal   | Organise OWASP event / Christian Folini (2021-10-23..30)                                    | Nico Schottelius | 08/19/2021 12:27 PM |

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| 7566  | ipv6                              | Task    | Feedback    | Normal   | Outgoing SMTP smarthost   | Nico Schottelius | 01/10/2020 09:44 PM |
| 7376  | hack4glarus-2019-winter           | Task    | In Progress | Normal   | Packer+Vagrant for OpenBSD (cont'd)   | Philipp Buehler  | 12/01/2019 11:41 AM |
| 8129  | Open Infrastructure               | Task    | In Progress | Normal   | Phase in AS207996 for place6  | Nico Schottelius | 06/08/2020 11:05 AM |
| 7174  | Open Infrastructure               | Task    | In Progress | Normal   | Port the current blog's design to lektor (staticcms)  | Mondi Ravi       | 10/03/2019 03:18 AM |
| 7341  | hack4glarus-2019-winter           | Task    | New         | Normal   | Port ucloud to OpenBSD  |                  | 11/28/2019 01:45 PM |
| 7399  | hack4glarus-2019-winter           | Task    | New         | Normal   | presentations hack4glarus 2019 winter   |                  | 12/01/2019 03:56 PM |
| 8298  | Swiss School of Digital Education | Task    | New         | Normal   | Promote the first django course that happens on 27th of July  | Sanghee Kim      | 07/17/2020 10:50 AM |
| 7456  | Open Infrastructure               | Task    | New         | Normal   | Prototype support for IPv6 only mail servers  | Nico Schottelius | 12/10/2019 05:04 PM |
| 5808  | queue                             | Task    | New         | Normal   | Provide 2 ntp servers: one in place5, one in place6 and join the ntp pool                                 |                  | 06/23/2019 06:55 PM |
| 7356  | hack4glarus-2019-winter           | Task    | New         | Normal   | Provide the most awesome self hosted apps   |                  | 11/29/2019 12:37 AM |
| 6049  | Open Infrastructure               | Task    | New         | Normal   | Publish / document our Kubernetes / IPv6 experiences  | Nico Schottelius | 11/11/2018 09:13 PM |
| 10239 | ipv6                              | Task    | New         | Normal   | Recursive DNS, visible on IPv4, acting as a proxy to enable visibility of data from IPv6 only DNS servers |                  | 01/31/2022 01:49 PM |
| 7704  | ipv6                              | Task    | In Progress | Normal   | Regular vendor pings (1x/month) for IPv6 compatibility  | Nico Schottelius | 02/08/2020 08:25 PM |
| 7893  | Open Infrastructure               | Task    | New         | Normal   | Remove TLS 1.0 and TLS 1.1 from our webhostings   |                  | 03/31/2020 12:21 PM |
| 9649  | Swiss School of Digital Education | Task    | Waiting     | Normal   | Rent Bus  | Nico Schottelius | 08/19/2021 12:21 PM |
| 7178  | Open Infrastructure               | Task    | In Progress | Normal   | Replace routers: router1.place5, router2.place5, router1.place6, router2.place6                           | Nico Schottelius | 08/09/2021 03:19 PM |
| 7402  | Open Infrastructure               | Task    | Feedback    | Normal   | Reproduce issues in ucloud-pay  | Mondi Ravi       | 12/05/2019 12:22 PM |
| 6980  | Open Infrastructure               | Task    | New         | Normal   | Research and publish how we deal / have to deal with court orders and foreign authorities                 | Sanghee Kim      | 07/19/2019 12:12 PM |
| 6989  | Open Infrastructure               | Task    | Seen        | Normal   | Research LEETSPEAK websites   | Jason Kim        | 07/22/2019 11:30 AM |
| 6712  | Open Infrastructure               | Task    | New         | Normal   | Rework public key management on the DCL website   |                  | 05/20/2019 09:27 PM |
| 7427  | Open Infrastructure               | Task    | In Progress | Normal   | Rough draft to support console on our VMs   | Jin-Guk Kwon     | 01/13/2020 03:13 AM |
| 7284  | Open Infrastructure               | Task    | In Progress | Normal   | router1.place6 phase back in  | Nico Schottelius | 06/15/2020 11:04 AM |
| 10091 | Open Infrastructure               | Task    | In Progress | Normal   | SBC router / board evaluation 2022  | Nico Schottelius | 12/31/2021 11:01 PM |
| 7368  | hack4glarus-2019-winter           | Task    | New         | Normal   | Setup an ARM64 virtualisation server with alpine  |                  | 11/29/2019 11:58 AM |
| 7601  | Open Infrastructure               | Task    | Seen        | Normal   | Setup an SSH jump host  |                  | 02/10/2021 09:04 AM |
| 7367  | hack4glarus-2019-winter           | Task    | New         | Normal   | Setup ARM64 IPv6 only netbooting  |                  | 11/29/2019 11:57 AM |
| 8421  | Open Infrastructure               | Task    | In Progress | Normal   | Setup matrix voyager bot for ungleich   | Nico Schottelius | 09/06/2020 05:56 PM |
| 7185  | Open Infrastructure               | Task    | Seen        | Normal   | Setup network monitoring system on new off-site VPS   | Nico Schottelius | 06/11/2020 09:36 AM |
| 8201  | Open Infrastructure               | Task    | New         | Normal   | Setup our own NTP pool  |                  | 02/10/2021 09:20 AM |
| 7122  | Open Infrastructure               | Task    | Resolved    | Normal   | Setup production etcd cluster in place6   | Nico Schottelius | 01/19/2021 12:48 PM |

| #    | Project             | Tracker | Status      | Priority  | Subject  | Assignee         | Updated             |
|------|---------------------|---------|-------------|-----------|--|------------------|---------------------|
| 7649 | Open Infrastructure | Task    | In Progress | Normal    | Sketch a VM backup & restore   | Ahmed Bilal      | 01/31/2020 07:16 PM |
| 5789 | queue               | Task    | New         | Normal    | Some issues to be cleared about userservice  |                  | 06/23/2019 06:55 PM |
| 7573 | ipv6                | Task    | New         | Normal    | Spamlike message filtering   | Nico Schottelius | 01/06/2020 12:15 PM |
| 6519 | queue               | Task    | New         | Urgent    | Stabilisation spring 2019  |                  | 06/26/2019 12:07 PM |
| 6877 | Open Infrastructure | Task    | In Progress | High      | Start the first VMs on place9 cluster using ucloud (ucloud v1)   | Nico Schottelius | 08/30/2019 12:09 PM |
| 7650 | Open Infrastructure | Task    | New         | Normal    | Synchronise opennebula VMs with etcd   | Nico Schottelius | 01/31/2020 07:13 PM |
| 7523 | ipv6                | Task    | New         | Normal    | TCP/UDP Services supported by IP4-to-IP6 incoming proxy and NAT64 outgoing gateway                                     | Moris Jones      | 01/05/2020 04:02 PM |
| 7242 | Open Infrastructure | Task    | In Progress | Normal    | Test active-active IPv6/IPv4 configurations on routers   | Nico Schottelius | 10/20/2019 05:10 PM |
| 7201 | Open Infrastructure | Task    | In Progress | Normal    | Test BGP based virtual ip  | Nico Schottelius | 10/03/2019 04:30 PM |
| 7890 | Open Infrastructure | Task    | In Progress | Normal    | test contrack sync   | Jin-Guk Kwon     | 03/31/2020 01:17 PM |
| 9468 | Open Infrastructure | Task    | In Progress | Normal    | Test helm kube-prometheus-stack  | Nico Schottelius | 07/01/2021 04:00 PM |
| 8689 | Open Infrastructure | Task    | New         | Normal    | Test q-in-q multiple vlans with mikrotik <-> Linux   |                  | 12/07/2021 12:48 AM |
| 8094 | ipv6                | Task    | In Progress | Normal    | Test ubiquiti UAP-AC-Lite, UAP-AC-LR and UAP-AC-Pro-Gen2 in IPv6 only networks   | Nico Schottelius | 05/31/2020 06:40 PM |
| 7205 | Open Infrastructure | Task    | In Progress | Normal    | Try 1: Installing ucloud on Arch Linux   | Nico Schottelius | 10/10/2019 07:37 PM |
| 8670 | Open Infrastructure | Task    | New         | Normal    | Turn "temper" into an openwrt upstream package   |                  | 07/29/2021 08:15 PM |
| 6931 | Open Infrastructure | Task    | In Progress | Normal    | ucloud-host  | Nico Schottelius | 09/28/2019 04:35 PM |
| 6995 | Open Infrastructure | Task    | New         | Normal    | ucloud-pay v1: Implement payment support into ucloud   |                  | 07/24/2019 05:39 PM |
| 6996 | Open Infrastructure | Task    | New         | Normal    | ucloud-pay v2: add support for retrieving payments from ZKB  |                  | 07/24/2019 05:40 PM |
| 6908 | Open Infrastructure | Task    | In Progress | Normal    | ucloud v2 features   | Nico Schottelius | 10/25/2019 12:58 PM |
| 7876 | Open Infrastructure | Task    | In Progress | Normal    | UI/UX improvement suggestions for matrix   | Nico Schottelius | 05/09/2020 06:32 PM |
| 7761 | Open Infrastructure | Task    | In Progress | Immediate | uncloud v2   | Nico Schottelius | 12/18/2021 09:14 PM |
| 7689 | Open Infrastructure | Task    | Seen        | Normal    | Update certbot on several VMs  | Nico Schottelius | 01/19/2021 12:48 PM |
| 6696 | Open Infrastructure | Task    | New         | Normal    | Update documentation / instructions on how to login to a new VM  | Nico Schottelius | 05/17/2019 11:03 AM |
| 7561 | Open Infrastructure | Task    | In Progress | Normal    | Update mystrom switches to support IPv6 only networks  | Nico Schottelius | 01/03/2020 05:35 PM |
| 6310 | Open Infrastructure | Task    | Waiting     | Normal    | [user request] Add OpenBSD images  | Nico Schottelius | 06/28/2019 11:46 PM |
| 9624 | Open Infrastructure | Task    | Seen        | Normal    | [user request] Add support for email hosting   | Nico Schottelius | 08/09/2021 03:23 PM |
| 6071 | Open Infrastructure | Task    | In Progress | Normal    | [user request] Checkout how to enable AES-NI or PCLMULQDQ CPU features   | Jin-Guk Kwon     | 12/29/2018 12:53 PM |
| 5930 | queue               | Task    | Waiting     | Normal    | [user request] Evaluate, if we can replace google analytics with <a href="https://matomo.org/">https://matomo.org/</a> |                  | 02/10/2021 08:49 AM |
| 6326 | Open Infrastructure | Task    | New         | Normal    | [user request] Support SEPA payments for VMs/Storage   | Amal Elshihaby   | 08/09/2021 03:22 PM |
| 6262 | Open Infrastructure | Task    | New         | Normal    | [user request] Warn users what happens on VM delete / make it more clear to users                                      | Mondi Ravi       | 12/29/2018 12:53 PM |

| #    | Project             | Tracker | Status      | Priority | Subject  | Assignee           | Updated             |
|------|---------------------|---------|-------------|----------|--|--------------------|---------------------|
| 8176 | Open Infrastructure | Task    | Seen        | Normal   | Verify/update our HSTS, SPF and starttls settings                              | Nico Schottelius   | 06/16/2020 02:52 PM |
| 7546 | Open Infrastructure | Task    | In Progress | Normal   | VM Security based on LDAP accounts   | Mondi Ravi         | 01/01/2020 05:49 PM |
| 6468 | Open Infrastructure | Task    | New         | Normal   | When creating an account: Explain to the user that they get an activation mail | William Colmenares | 06/25/2019 05:31 PM |
| 7544 | Open Infrastructure | Task    | New         | Normal   | Write "beginner's guide" for datacenterlight customers                         |                    | 02/10/2021 09:07 AM |