

## Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
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
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
9401	Open Infrastructure	Task	New	Normal	Building an IPv6 only Matrix network	Nico Schottelius	06/07/2021 08:10 PM
12597	Open Infrastructure	Task	Seen	Normal	Add support for pixelfed hosting	Nico Schottelius	02/24/2024 12:43 PM
12344	Open Infrastructure	Task	Seen	Normal	Evaluate kubevirt (Q12024)	Nico Schottelius	01/07/2024 05:41 PM
9624	Open Infrastructure	Task	Seen	Normal	[user request] Add support for email hosting	Nico Schottelius	08/09/2021 03:23 PM
8176	Open Infrastructure	Task	Seen	Normal	Verify/update our HSTS, SPF and starttls settings	Nico Schottelius	06/16/2020 02:52 PM
12598	Open Infrastructure	Task	In Progress	Normal	Evaluate authentik for use at ungleich	Nico Schottelius	02/25/2024 08:05 AM
12343	Open Infrastructure	Task	In Progress	Normal	Evaluate cloud-hypervisor (Q12024)	Nico Schottelius	01/07/2024 05:33 PM
12340	Open Infrastructure	Task	In Progress	Normal	Evaluate openstack helm charts	Nico Schottelius	01/07/2024 04:18 PM
12342	Open Infrastructure	Task	In Progress	Normal	Evaluate Cloudstack (Q1 2024)	Nico Schottelius	01/07/2024 04:15 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
10091	Open Infrastructure	Task	In Progress	Normal	SBC router / board evaluation 2022	Nico Schottelius	12/31/2021 11:01 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
12596	Open Infrastructure	Task	Waiting	Normal	Add support for lemmy hosting	Nico Schottelius	02/24/2024 12:41 PM
10238	ipv6	Task	Waiting	Normal	ipv6-only DNS setup is misleading and misconfigured	Nico Schottelius	01/31/2022 01:36 PM
7163	Open Infrastructure	Task	Closed	High	Setup wireguard endpoints in place5	Nico Schottelius	04/19/2021 01:51 PM
6764	Open Infrastructure	Task	Closed	High	Reconfigure RT / support.ungleich.ch so that staff users can create "articles"	Nico Schottelius	06/13/2019 11:33 AM
12339	Open Infrastructure	Task	Closed	Normal	Evaluate yaaok for openstack in k8s	Nico Schottelius	01/06/2024 06:35 PM
9468	Open Infrastructure	Task	Closed	Normal	Test helm kube-prometheus-stack	Nico Schottelius	01/03/2024 10:49 AM
7242	Open Infrastructure	Task	Closed	Normal	Test active-active IPv6/IPv4 configurations on routers	Nico Schottelius	01/03/2024 08:52 AM
7178	Open Infrastructure	Task	Closed	Normal	Replace routers: router1.place5, router2.place5, router1.place6, router2.place6	Nico Schottelius	01/03/2024 08:52 AM
7201	Open Infrastructure	Task	Closed	Normal	Test BGP based virtual ip	Nico Schottelius	01/03/2024 08:50 AM
8129	Open Infrastructure	Task	Closed	Normal	Phase in AS207996 for place6	Nico Schottelius	01/02/2024 02:08 PM
7688	Open Infrastructure	Task	Closed	Normal	Disable rp_filter on router2.place5 (alpine sets =1 on .all and .default)	Nico Schottelius	01/02/2024 02:08 PM
5929	Open Infrastructure	Task	Closed	Normal	Add public kubernetes support	Nico Schottelius	01/02/2024 02:01 PM
9648	Swiss School of Digital Education	Task	Closed	Normal	Organise OWASP event / Christian Folini (2021-10-23..30)	Nico Schottelius	01/02/2024 12:47 PM
11862	hack4glarus-2023-summer	Task	Closed	Normal	[grab me] automate creating k8s clusters in IPv6 environments	Nico Schottelius	01/02/2024 12:37 PM
7284	Open Infrastructure	Task	Closed	Normal	router1.place6 phase back in	Nico Schottelius	01/02/2024 12:29 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
7552	Open Infrastructure	Task	Closed	Normal	Add some non-critical traffic to router1.place6	Nico Schottelius	01/02/2024 12:29 PM
7777	Open Infrastructure	Task	Closed	Normal	Create Documentation of Nextcloud	Nico Schottelius	12/31/2023 06:53 PM
7187	Open Infrastructure	Task	Closed	Normal	Configure prometheus blackbox exporter to monitor heise.de via IPv4 and IPv6	Nico Schottelius	12/31/2023 06:52 PM
7122	Open Infrastructure	Task	Closed	Normal	Setup production etcd cluster in place6	Nico Schottelius	12/31/2023 06:52 PM
6625	queue	Task	Closed	Normal	Fix our dkim setup	Nico Schottelius	12/31/2023 06:52 PM
11854	hack4glarus-2023-summer	Task	Closed	Normal	Let Peter login to redmine this year	Nico Schottelius	07/07/2023 06:34 PM
11366	Open Infrastructure	Task	Closed	Normal	Setup 3x ungleich terminal notebooks	Nico Schottelius	05/03/2023 10:08 PM
10615	Open Infrastructure	Task	Closed	Normal	Add new ZFS based FreeBSD image	Nico Schottelius	06/23/2022 04:15 PM
9619	Open Infrastructure	Task	Closed	Normal	Create (public) ungleich container registry	Nico Schottelius	12/18/2021 09:11 PM
9565	Open Infrastructure	Task	Closed	Normal	Select a CI/CD for deploying helm charts/docker containers etc.	Nico Schottelius	12/18/2021 09:10 PM
7194	Open Infrastructure	Task	Closed	Normal	Test delta switches	Nico Schottelius	08/09/2021 03:23 PM
7160	Open Infrastructure	Task	Closed	Normal	Phase in 2 new routers to avoid softirqd problem	Nico Schottelius	08/09/2021 03:23 PM
7286	Open Infrastructure	Task	Closed	Normal	Flow 1: as a sysadmin, I want to setup ucloud w/o ceph and run a VM	Nico Schottelius	08/09/2021 03:20 PM
6581	Open Infrastructure	Task	Closed	Normal	Document bird setup / usage	Nico Schottelius	08/09/2021 03:19 PM
7180	Open Infrastructure	Task	Closed	Normal	Phase in new router1.place6	Nico Schottelius	08/09/2021 03:19 PM
8690	hack4glarus-2020-winter	Task	Closed	Normal	Hack4Glarus presentation / closing notes	Nico Schottelius	12/06/2020 03:51 PM
8688	hack4glarus-2020-winter	Task	Closed	Normal	Enabling fancy LED lighting for Christmas messages in the Hacking Villa	Nico Schottelius	12/06/2020 03:51 PM
8652	Open Infrastructure	Task	Closed	Normal	Test kubernetes on Devuan	Nico Schottelius	11/28/2020 09:37 PM
7400	Open Infrastructure	Task	Closed	Normal	Switch all servers to IPv6 only netboot	Nico Schottelius	10/07/2020 01:40 PM
6651	Open Infrastructure	Task	Closed	Normal	The network documentation ticket	Nico Schottelius	10/07/2020 11:11 AM
7247	Open Infrastructure	Task	Closed	Normal	Our switches in place8 should be moved to a different location / rack	Nico Schottelius	10/06/2020 01:32 PM
8484	Swiss School of Digital Education	Task	Closed	Normal	Fix heating knob in Ivan's apartment	Nico Schottelius	10/06/2020 01:31 PM
8381	Open Infrastructure	Task	Closed	Normal	Document on how to setup the APU as a PIB	Nico Schottelius	08/26/2020 12:02 PM
6325	Open Infrastructure	Task	Closed	Normal	[user request] Support BGP for customers	Nico Schottelius	04/02/2020 12:43 PM
7854	Open Infrastructure	Task	Closed	Normal	Replace tayga on router2.place6 with jool on VM jool.place6.ungleich.ch	Nico Schottelius	03/16/2020 12:45 PM
7567	ipv6	Task	Closed	Normal	Add support for all TLS encapsulated protocols to IPv4-to-IPv6 incoming proxy	Nico Schottelius	01/06/2020 02:33 PM
7436	Open Infrastructure	Task	Closed	Normal	Hack-a-ucloud-weekend (2019-12-07)	Nico Schottelius	01/02/2020 03:30 PM
7307	Open Infrastructure	Task	Closed	Normal	Update __ungleich_bgp_router for IPv6 based multip bgp	Nico Schottelius	01/02/2020 12:44 PM
7520	Open Infrastructure	Task	Closed	Normal	Checkout whether OSPF can be helpful for DCL	Nico Schottelius	01/02/2020 12:21 PM
7156	Open Infrastructure	Task	Closed	Normal	Add new sunrise link to infrastrucure, introduce policy routing	Nico Schottelius	12/05/2019 06:09 PM
7364	hack4glarus-2019-winter	Task	Closed	Normal	Crash course in cdist	Nico Schottelius	11/30/2019 09:49 PM

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7318	Open Infrastructure	Task	Closed	Normal	Upgrade Alpine Linux to 3.10	Nico Schottelius	11/17/2019 02:34 PM
7303	Open Infrastructure	Task	Closed	Normal	Change place5 coworking to IPv6 only	Nico Schottelius	11/07/2019 12:01 PM
7296	Open Infrastructure	Task	Closed	Normal	Test cpanel on IPv6 only infrastructure (cpanel 84.0.6)	Nico Schottelius	11/04/2019 09:56 PM
6998	Open Infrastructure	Task	Closed	Normal	Install & Setup netbox on an IPv6 only VM and find out how to get / reserve the next free ip address	Nico Schottelius	10/14/2019 12:45 PM
7119	Open Infrastructure	Task	Closed	Normal	Alternative Blog Software Research	Nico Schottelius	10/02/2019 12:18 PM
6725	Open Infrastructure	Task	Closed	Normal	Order new hardware for place9	Nico Schottelius	07/10/2019 05:57 PM
6916	Open Infrastructure	Task	Closed	Normal	Document expected downtime / uptime of DCL	Nico Schottelius	07/01/2019 07:45 PM
6707	Open Infrastructure	Task	Closed	Normal	Find a router suitable for IPv6 workshops	Nico Schottelius	06/23/2019 05:50 PM
6518	hack4glarus-2019-summer	Task	Closed	Normal	Topics Hack4Glarus 2019	Nico Schottelius	06/02/2019 08:44 PM
6600	Open Infrastructure	Task	Closed	Normal	Configure and define upstream networking	Nico Schottelius	04/30/2019 12:24 PM
5883	Open Infrastructure	Task	Closed	Normal	Add ipxe menu for netboot	Nico Schottelius	02/15/2019 10:10 AM
6161	hack4glarus-2018-winter	Task	Closed	Normal	Prepare the introduction speech	Nico Schottelius	12/30/2018 12:13 AM
6297	Open Infrastructure	Task	Closed	Normal	Update redmine on redmine.ungleich.ch	Nico Schottelius	12/29/2018 01:58 PM
5786	Open Infrastructure	Task	Closed	Normal	Document our ceph setup && maintenance guide	Nico Schottelius	12/29/2018 12:55 PM
5940	Open Infrastructure	Task	Closed	Normal	Update ungleich DNS infrastructure v3	Nico Schottelius	11/06/2018 07:42 PM
6761	hack4glarus-2019-summer	Task	Closed	Low	Slides which don't fit any issue	Nico Schottelius	10/03/2019 10:45 PM
6877	Open Infrastructure	Task	Rejected	High	Start the first VMs on place9 cluster using ucloud (ucloud v1)	Nico Schottelius	01/02/2024 02:04 PM
6435	Open Infrastructure	Task	Rejected	High	Improvements for IPv6.work v1.0	Nico Schottelius	12/09/2022 04:44 PM
8447	Open Infrastructure	Task	Rejected	Normal	Deploy POC IPv6 cluster on DCL (v202009)	Nico Schottelius	01/03/2024 10:59 AM
7249	Open Infrastructure	Task	Rejected	Normal	Merge ucloud components into one repository	Nico Schottelius	01/03/2024 10:54 AM
6696	Open Infrastructure	Task	Rejected	Normal	Update documentation / instructions on how to login to a new VM	Nico Schottelius	01/03/2024 10:51 AM
6693	Open Infrastructure	Task	Rejected	Normal	Document internal networking support, console features, floating IP options	Nico Schottelius	01/03/2024 10:51 AM
6541	Open Infrastructure	Task	Rejected	Normal	Monitor fans and power supplies	Nico Schottelius	01/03/2024 10:48 AM
7456	Open Infrastructure	Task	Rejected	Normal	Prototype support for IPv6 only mail servers	Nico Schottelius	01/03/2024 10:36 AM
7179	Open Infrastructure	Task	Rejected	Normal	Add Slowdown/Cooldown in TOTP verification/serializer	Nico Schottelius	01/03/2024 08:51 AM
7185	Open Infrastructure	Task	Rejected	Normal	Setup network monitoring system on new off-site VPS	Nico Schottelius	01/03/2024 08:51 AM
7153	Open Infrastructure	Task	Rejected	Normal	Experiment with full routing tables	Nico Schottelius	01/03/2024 08:51 AM
8094	ipv6	Task	Rejected	Normal	Test ubiquiti UAP-AC-Lite, UAP-AC-LR and UAP-AC-Pro-Gen2 in IPv6 only networks	Nico Schottelius	01/02/2024 02:44 PM
7704	ipv6	Task	Rejected	Normal	Regular vendor pings (1x/month) for IPv6 compatibility	Nico Schottelius	01/02/2024 02:18 PM
7569	ipv6	Task	Rejected	Normal	IPv6 only DNS	Nico Schottelius	01/02/2024 02:18 PM
7568	ipv6	Task	Rejected	Normal	Incoming SMTP IPv4 proxy	Nico Schottelius	01/02/2024 02:18 PM

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7566	ipv6	Task	Rejected	Normal	Outgoing SMTP smarthost	Nico Schottelius	01/02/2024 02:18 PM
7405	ipv6	Task	Rejected	Normal	Explore IPv6 compatible IoT devices	Nico Schottelius	01/02/2024 02:18 PM
7015	ipv6	Task	Rejected	Normal	Create a decentralised, global display based on IPv6	Nico Schottelius	01/02/2024 02:18 PM
6405	ipv6	Task	Rejected	Normal	Create a new IPv6 game (working title: IPv6 treasure hunt)	Nico Schottelius	01/02/2024 02:18 PM
6903	Open Infrastructure	Task	Rejected	Normal	Create a cdist type for files.datacenterlight.ch	Nico Schottelius	01/02/2024 02:14 PM
8687	Open Infrastructure	Task	Rejected	Normal	Adjust django-hosting to run on Alpine Linux	Nico Schottelius	01/02/2024 02:12 PM
8235	ipv6	Task	Rejected	Normal	Fix software to bind on IPv6 by default	Nico Schottelius	01/02/2024 02:11 PM
9487	Open Infrastructure	Task	Rejected	Normal	Migrate our ceph clusters into rook	Nico Schottelius	01/02/2024 02:08 PM
6869	Open Infrastructure	Task	Rejected	Normal	Challenge OpenStack and OpenNebula with ucloud	Nico Schottelius	01/02/2024 02:07 PM
6908	Open Infrastructure	Task	Rejected	Normal	ucloud v2 features	Nico Schottelius	01/02/2024 02:07 PM
7117	Open Infrastructure	Task	Rejected	Normal	Make ungleich-otp better usable for the public	Nico Schottelius	01/02/2024 02:05 PM
6919	Open Infrastructure	Task	Rejected	Normal	Define incident / downtime notification channels and reaction times	Nico Schottelius	01/02/2024 02:05 PM
6708	Open Infrastructure	Task	Rejected	Normal	Create infrastructure usable for IPv6 workshops	Nico Schottelius	01/02/2024 02:05 PM
7044	Open Infrastructure	Task	Rejected	Normal	Document IPv6 only NAT64 enabled client network issues	Nico Schottelius	01/02/2024 02:05 PM
7285	Open Infrastructure	Task	Rejected	Normal	Flows to implement and do document for go live (parent)	Nico Schottelius	01/02/2024 02:04 PM
7278	Open Infrastructure	Task	Rejected	Normal	Define how networking works in ucloud	Nico Schottelius	01/02/2024 02:04 PM
7206	Open Infrastructure	Task	Rejected	Normal	Create ucloud page under ungleich.ch/ucloud	Nico Schottelius	01/02/2024 02:04 PM
6931	Open Infrastructure	Task	Rejected	Normal	ucloud-host	Nico Schottelius	01/02/2024 02:04 PM
6857	Open Infrastructure	Task	Rejected	Normal	Create ucloud-firewall	Nico Schottelius	01/02/2024 02:04 PM
7650	Open Infrastructure	Task	Rejected	Normal	Synchronise opennebula VMs with etcd	Nico Schottelius	01/02/2024 02:03 PM
7604	Open Infrastructure	Task	Rejected	Normal	Find out why ciara2 was not automatically detected to be offline	Nico Schottelius	01/02/2024 02:03 PM
7561	Open Infrastructure	Task	Rejected	Normal	Update mystrom switches to support IPv6 only networks	Nico Schottelius	01/02/2024 02:03 PM
7757	Open Infrastructure	Task	Rejected	Normal	opennebula incorrectly re-uses vncs ports	Nico Schottelius	01/02/2024 02:03 PM
7689	Open Infrastructure	Task	Rejected	Normal	Update certbot on several VMs	Nico Schottelius	01/02/2024 02:03 PM
7138	Open Infrastructure	Task	Rejected	Normal	Nico's open / next points for ucloud	Nico Schottelius	01/02/2024 02:03 PM
7205	Open Infrastructure	Task	Rejected	Normal	Try 1: Installing ucloud on Arch Linux	Nico Schottelius	01/02/2024 02:02 PM
8421	Open Infrastructure	Task	Rejected	Normal	Setup matrix voyager bot for ungleich	Nico Schottelius	01/02/2024 02:02 PM
6406	Open Infrastructure	Task	Rejected	Normal	Document our LDAP setup and make it publicly available	Nico Schottelius	01/02/2024 02:02 PM
6310	Open Infrastructure	Task	Rejected	Normal	[user request] Add OpenBSD images	Nico Schottelius	01/02/2024 02:02 PM
6258	Open Infrastructure	Task	Rejected	Normal	Expose IPv6 vs. IPv4 statistics publicly	Nico Schottelius	01/02/2024 02:02 PM
7009	Open Infrastructure	Task	Rejected	Normal	Find out why Alpine Linux hangs at boot when it does not have a link on a device with dhcp	Nico Schottelius	01/02/2024 02:00 PM
5928	Open Infrastructure	Task	Rejected	Normal	Introduce API support for VM handling: create and delete operation (and maybe image upload)	Nico Schottelius	01/02/2024 01:58 PM

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5882	Open Infrastructure	Task	Rejected	Normal	Document the netboot setup	Nico Schottelius	01/02/2024 01:58 PM
7574	ipv6	Task	Rejected	Normal	Create and setup VM for prototype Smarthost	Nico Schottelius	01/02/2024 01:56 PM
7573	ipv6	Task	Rejected	Normal	Spamlike message filtering	Nico Schottelius	01/02/2024 01:56 PM
7876	Open Infrastructure	Task	Rejected	Normal	UI/UX improvement suggestions for matrix	Nico Schottelius	01/02/2024 01:54 PM
8238	ipv6	Task	Rejected	Normal	Modify nodejs to bind on IPv6 by default	Nico Schottelius	01/02/2024 01:47 PM
8237	ipv6	Task	Rejected	Normal	Modify flask to bind on IPv6 by default	Nico Schottelius	01/02/2024 01:47 PM
6255	Open Infrastructure	Task	Rejected	Normal	Find the right settings for kubernetes in ipv6 only settings	Nico Schottelius	01/02/2024 12:56 PM
6049	Open Infrastructure	Task	Rejected	Normal	Publish / document our Kubernetes / IPv6 experiences	Nico Schottelius	01/02/2024 12:56 PM
6052	Open Infrastructure	Task	Rejected	Normal	Document IPv6 routing service	Nico Schottelius	01/02/2024 12:52 PM
9091	Swiss School of Digital Education	Task	Rejected	Normal	Create, market and launch "Basic IPv6 Routing" Course	Nico Schottelius	01/02/2024 12:48 PM
7898	Swiss School of Digital Education	Task	Rejected	Normal	Organise first Django course (1 week)	Nico Schottelius	01/02/2024 12:48 PM
9650	Swiss School of Digital Education	Task	Rejected	Normal	Organise food	Nico Schottelius	01/02/2024 12:47 PM
9649	Swiss School of Digital Education	Task	Rejected	Normal	Rent Bus	Nico Schottelius	01/02/2024 12:47 PM
7291	Open Infrastructure	Task	Rejected	Normal	Flow 6: as a sysadmin I want to know / install all requirements	Nico Schottelius	01/02/2024 12:28 PM
7761	Open Infrastructure	Task	Rejected	Normal	uncloud v2	Nico Schottelius	12/21/2023 01:50 PM
11866	hack4glarus-2023-summer	Task	Rejected	Normal	Try to create VMs using kubevirt	Nico Schottelius	07/07/2023 09:09 PM
7207	Open Infrastructure	Task	Rejected	Normal	Change/add etcd backend to ungleich-otp and rename it to uotp	Nico Schottelius	12/10/2022 12:24 AM
7125	Open Infrastructure	Task	Rejected	Normal	Implement "ordering" and "products" with ucloud	Nico Schottelius	12/09/2022 04:44 PM
7625	Open Infrastructure	Task	Rejected	Normal	Manually fix consul+node_exporter on new router1.place6	Nico Schottelius	12/07/2021 12:52 AM
6681	Open Infrastructure	Task	Rejected	Normal	Create a distributed firewall PoC based on uncloud/nft	Nico Schottelius	12/06/2021 11:55 PM
7591	Open Infrastructure	Task	Rejected	Normal	uncloud production checklist 2020-01	Nico Schottelius	12/06/2021 11:54 PM
7221	Open Infrastructure	Task	Rejected	Normal	Pre 0.0.1 release fixes	Nico Schottelius	08/09/2021 03:20 PM
7304	Open Infrastructure	Task	Rejected	Normal	Test NAT64 with distributed routers with jool on alpine	Nico Schottelius	01/31/2020 04:16 PM
7377	Open Infrastructure	Task	Rejected	Normal	Create an active-active NAT64 gateway	Nico Schottelius	01/31/2020 04:16 PM
7439	Open Infrastructure	Task	Rejected	Normal	Add support for different authentication methods	Nico Schottelius	01/02/2020 03:30 PM
7306	Open Infrastructure	Task	Rejected	Normal	Phase in new routers	Nico Schottelius	01/02/2020 12:46 PM