

## Open Infrastructure - Issues

#	Tracker	Status	Priority	Subject	Assignee	Updated
5786	Task	Closed	Normal	Document our ceph setup && maintenance guide	Nico Schottelius	12/29/2018 12:55 PM
5882	Task	Rejected	Normal	Document the netboot setup	Nico Schottelius	01/02/2024 01:58 PM
5883	Task	Closed	Normal	Add ipxe menu for netboot	Nico Schottelius	02/15/2019 10:10 AM
5928	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
5929	Task	Closed	Normal	Add public kubernetes support	Nico Schottelius	01/02/2024 02:01 PM
5940	Task	Closed	Normal	Update ungleich DNS infrastructure v3	Nico Schottelius	11/06/2018 07:42 PM
6049	Task	Rejected	Normal	Publish / document our Kubernetes / IPv6 experiences	Nico Schottelius	01/02/2024 12:56 PM
6052	Task	Rejected	Normal	Document IPv6 routing service	Nico Schottelius	01/02/2024 12:52 PM
6255	Task	Rejected	Normal	Find the right settings for kubernetes in ipv6 only settings	Nico Schottelius	01/02/2024 12:56 PM
6258	Task	Rejected	Normal	Expose IPv6 vs. IPv4 statistics publicly	Nico Schottelius	01/02/2024 02:02 PM
6297	Task	Closed	Normal	Update redmine on redmine.ungleich.ch	Nico Schottelius	12/29/2018 01:58 PM
6310	Task	Rejected	Normal	[user request] Add OpenBSD images	Nico Schottelius	01/02/2024 02:02 PM
6325	Task	Closed	Normal	[user request] Support BGP for customers	Nico Schottelius	04/02/2020 12:43 PM
6406	Task	Rejected	Normal	Document our LDAP setup and make it publicly available	Nico Schottelius	01/02/2024 02:02 PM
6435	Task	Rejected	High	Improvements for IPv6.work v1.0	Nico Schottelius	12/09/2022 04:44 PM
6541	Task	Rejected	Normal	Monitor fans and power supplies	Nico Schottelius	01/03/2024 10:48 AM
6581	Task	Closed	Normal	Document bird setup / usage	Nico Schottelius	08/09/2021 03:19 PM
6600	Task	Closed	Normal	Configure and define upstream networking	Nico Schottelius	04/30/2019 12:24 PM
6651	Task	Closed	Normal	The network documentation ticket	Nico Schottelius	10/07/2020 11:11 AM
6681	Task	Rejected	Normal	Create a distributed firewall PoC based on uncloud/nft	Nico Schottelius	12/06/2021 11:55 PM
6693	Task	Rejected	Normal	Document internal networking support, console features, floating IP options	Nico Schottelius	01/03/2024 10:51 AM
6696	Task	Rejected	Normal	Update documentation / instructions on how to login to a new VM	Nico Schottelius	01/03/2024 10:51 AM
6707	Task	Closed	Normal	Find a router suitable for IPv6 workshops	Nico Schottelius	06/23/2019 05:50 PM
6708	Task	Rejected	Normal	Create infrastructure usable for IPv6 workshops	Nico Schottelius	01/02/2024 02:05 PM
6725	Task	Closed	Normal	Order new hardware for place9	Nico Schottelius	07/10/2019 05:57 PM
6762	Task	New	High	Allow IPv6 only hosts to properly send emails to IPv4 only hosts	Nico Schottelius	06/03/2019 04:18 PM
6764	Task	Closed	High	Reconfigure RT / support.ungleich.ch so that staff users can create "articles"	Nico Schottelius	06/13/2019 11:33 AM
6857	Task	Rejected	Normal	Create ucloud-firewall	Nico Schottelius	01/02/2024 02:04 PM
6869	Task	Rejected	Normal	Challenge OpenStack and OpenNebula with ucloud	Nico Schottelius	01/02/2024 02:07 PM
6877	Task	Rejected	High	Start the first VMs on place9 cluster using ucloud (ucloud v1)	Nico Schottelius	01/02/2024 02:04 PM
6903	Task	Rejected	Normal	Create a cdist type for files.datacenterlight.ch	Nico Schottelius	01/02/2024 02:14 PM

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6908	Task	Rejected	Normal	ucloud v2 features	Nico Schottelius	01/02/2024 02:07 PM
6916	Task	Closed	Normal	Document expected downtime / uptime of DCL	Nico Schottelius	07/01/2019 07:45 PM
6919	Task	Rejected	Normal	Define incident / downtime notification channels and reaction times	Nico Schottelius	01/02/2024 02:05 PM
6931	Task	Rejected	Normal	ucloud-host	Nico Schottelius	01/02/2024 02:04 PM
6998	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
7009	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
7044	Task	Rejected	Normal	Document IPv6 only NAT64 enabled client network issues	Nico Schottelius	01/02/2024 02:05 PM
7117	Task	Rejected	Normal	Make ungleich-otp better usable for the public	Nico Schottelius	01/02/2024 02:05 PM
7119	Task	Closed	Normal	Alternative Blog Software Research	Nico Schottelius	10/02/2019 12:18 PM
7122	Task	Closed	Normal	Setup production etcd cluster in place6	Nico Schottelius	12/31/2023 06:52 PM
7125	Task	Rejected	Normal	Implement "ordering" and "products" with ucloud	Nico Schottelius	12/09/2022 04:44 PM
7138	Task	Rejected	Normal	Nico's open / next points for ucloud	Nico Schottelius	01/02/2024 02:03 PM
7153	Task	Rejected	Normal	Experiment with full routing tables	Nico Schottelius	01/03/2024 08:51 AM
7156	Task	Closed	Normal	Add new sunrise link to infrastructure, introduce policy routing	Nico Schottelius	12/05/2019 06:09 PM
7160	Task	Closed	Normal	Phase in 2 new routers to avoid softirqd problem	Nico Schottelius	08/09/2021 03:23 PM
7163	Task	Closed	High	Setup wireguard endpoints in place5	Nico Schottelius	04/19/2021 01:51 PM
7178	Task	Closed	Normal	Replace routers: router1.place5, router2.place5, router1.place6, router2.place6	Nico Schottelius	01/03/2024 08:52 AM
7179	Task	Rejected	Normal	Add Slowdown/Cooldown in TOTP verification/serializer	Nico Schottelius	01/03/2024 08:51 AM
7180	Task	Closed	Normal	Phase in new router1.place6	Nico Schottelius	08/09/2021 03:19 PM
7185	Task	Rejected	Normal	Setup network monitoring system on new off-site VPS	Nico Schottelius	01/03/2024 08:51 AM
7187	Task	Closed	Normal	Configure prometheus blackbox exporter to monitor heise.de via IPv4 and IPv6	Nico Schottelius	12/31/2023 06:52 PM
7194	Task	Closed	Normal	Test delta switches	Nico Schottelius	08/09/2021 03:23 PM
7201	Task	Closed	Normal	Test BGP based virtual ip	Nico Schottelius	01/03/2024 08:50 AM
7205	Task	Rejected	Normal	Try 1: Installing ucloud on Arch Linux	Nico Schottelius	01/02/2024 02:02 PM
7206	Task	Rejected	Normal	Create ucloud page under ungleich.ch/ucloud	Nico Schottelius	01/02/2024 02:04 PM
7207	Task	Rejected	Normal	Change/add etcd backend to ungleich-otp and rename it to uotp	Nico Schottelius	12/10/2022 12:24 AM
7221	Task	Rejected	Normal	Pre 0.0.1 release fixes	Nico Schottelius	08/09/2021 03:20 PM
7242	Task	Closed	Normal	Test active-active IPv6/IPv4 configurations on routers	Nico Schottelius	01/03/2024 08:52 AM
7247	Task	Closed	Normal	Our switches in place8 should be moved to a different location / rack	Nico Schottelius	10/06/2020 01:32 PM
7249	Task	Rejected	Normal	Merge ucloud components into one repository	Nico Schottelius	01/03/2024 10:54 AM
7278	Task	Rejected	Normal	Define how networking works in ucloud	Nico Schottelius	01/02/2024 02:04 PM
7284	Task	Closed	Normal	router1.place6 phase back in	Nico Schottelius	01/02/2024 12:29 PM
7285	Task	Rejected	Normal	Flows to implement and do document for go live (parent)	Nico Schottelius	01/02/2024 02:04 PM

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7286	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
7291	Task	Rejected	Normal	Flow 6: as a sysadmin I want to know / install all requirements	Nico Schottelius	01/02/2024 12:28 PM
7296	Task	Closed	Normal	Test cpanel on IPv6 only infrastructure (cpanel 84.0.6)	Nico Schottelius	11/04/2019 09:56 PM
7303	Task	Closed	Normal	Change place5 coworking to IPv6 only	Nico Schottelius	11/07/2019 12:01 PM
7304	Task	Rejected	Normal	Test NAT64 with distributed routers with jool on alpine	Nico Schottelius	01/31/2020 04:16 PM
7306	Task	Rejected	Normal	Phase in new routers	Nico Schottelius	01/02/2020 12:46 PM
7307	Task	Closed	Normal	Update __ungleich_bgp_router for IPv6 based multip bgp	Nico Schottelius	01/02/2020 12:44 PM
7318	Task	Closed	Normal	Upgrade Alpine Linux to 3.10	Nico Schottelius	11/17/2019 02:34 PM
7377	Task	Rejected	Normal	Create an active-active NAT64 gateway	Nico Schottelius	01/31/2020 04:16 PM
7400	Task	Closed	Normal	Switch all servers to IPv6 only netboot	Nico Schottelius	10/07/2020 01:40 PM
7436	Task	Closed	Normal	Hack-a-ucloud-weekend (2019-12-07)	Nico Schottelius	01/02/2020 03:30 PM
7439	Task	Rejected	Normal	Add support for different authentication methods	Nico Schottelius	01/02/2020 03:30 PM
7456	Task	Rejected	Normal	Prototype support for IPv6 only mail servers	Nico Schottelius	01/03/2024 10:36 AM
7520	Task	Closed	Normal	Checkout whether OSPF can be helpful for DCL	Nico Schottelius	01/02/2020 12:21 PM
7552	Task	Closed	Normal	Add some non-critical traffic to router1.place6	Nico Schottelius	01/02/2024 12:29 PM
7561	Task	Rejected	Normal	Update mystrom switches to support IPv6 only networks	Nico Schottelius	01/02/2024 02:03 PM
7591	Task	Rejected	Normal	uncloud production checklist 2020-01	Nico Schottelius	12/06/2021 11:54 PM
7604	Task	Rejected	Normal	Find out why ciara2 was not automatically detected to be offline	Nico Schottelius	01/02/2024 02:03 PM
7625	Task	Rejected	Normal	Manually fix consul+node_exporter on new router1.place6	Nico Schottelius	12/07/2021 12:52 AM
7650	Task	Rejected	Normal	Synchronise opennebula VMs with etcd	Nico Schottelius	01/02/2024 02:03 PM
7688	Task	Closed	Normal	Disable rp_filter on router2.place5 (alpine sets =1 on .all and .default)	Nico Schottelius	01/02/2024 02:08 PM
7689	Task	Rejected	Normal	Update certbot on several VMs	Nico Schottelius	01/02/2024 02:03 PM
7757	Task	Rejected	Normal	opennebula incorrectly re-uses vnics ports	Nico Schottelius	01/02/2024 02:03 PM
7761	Task	Rejected	Normal	uncloud v2	Nico Schottelius	12/21/2023 01:50 PM
7777	Task	Closed	Normal	Create Documentation of Nextcloud	Nico Schottelius	12/31/2023 06:53 PM
7854	Task	Closed	Normal	Replace tayga on router2.place6 with jool on VM jool.place6.ungleich.ch	Nico Schottelius	03/16/2020 12:45 PM
7876	Task	Rejected	Normal	UI/UX improvement suggestions for matrix	Nico Schottelius	01/02/2024 01:54 PM
8129	Task	Closed	Normal	Phase in AS207996 for place6	Nico Schottelius	01/02/2024 02:08 PM
8176	Task	Seen	Normal	Verify/update our HSTS, SPF and starttls settings	Nico Schottelius	06/16/2020 02:52 PM
8381	Task	Closed	Normal	Document on how to setup the APU as a PIB	Nico Schottelius	08/26/2020 12:02 PM
8421	Task	Rejected	Normal	Setup matrix voyager bot for ungleich	Nico Schottelius	01/02/2024 02:02 PM
8447	Task	Rejected	Normal	Deploy POC IPv6 cluster on DCL (v202009)	Nico Schottelius	01/03/2024 10:59 AM
8652	Task	Closed	Normal	Test kubernetes on Devuan	Nico Schottelius	11/28/2020 09:37 PM

#	Tracker	Status	Priority	Subject	Assignee	Updated
8687	Task	Rejected	Normal	Adjust django-hosting to run on Alpine Linux	Nico Schottelius	01/02/2024 02:12 PM
8916	Task	In Progress	Normal	Add DNS over TLS or HTTP support in DCL	Nico Schottelius	02/18/2021 04:21 PM
9401	Task	New	Normal	Building an IPv6 only Matrix network	Nico Schottelius	06/07/2021 08:10 PM
9468	Task	Closed	Normal	Test helm kube-prometheus-stack	Nico Schottelius	01/03/2024 10:49 AM
9487	Task	Rejected	Normal	Migrate our ceph clusters into rook	Nico Schottelius	01/02/2024 02:08 PM
9516	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
9565	Task	Closed	Normal	Select a CI/CD for deploying helm charts/docker containers etc.	Nico Schottelius	12/18/2021 09:10 PM
9619	Task	Closed	Normal	Create (public) ungleich container registry	Nico Schottelius	12/18/2021 09:11 PM
9624	Task	Seen	Normal	[user request] Add support for email hosting	Nico Schottelius	08/09/2021 03:23 PM
10091	Task	In Progress	Normal	SBC router / board evaluation 2022	Nico Schottelius	12/31/2021 11:01 PM
10411	Task	In Progress	Normal	Migrate ula.ungleich.ch into Kubernetes and upgrade it to latest Django	Nico Schottelius	03/19/2022 07:46 PM
10615	Task	Closed	Normal	Add new ZFS based FreeBSD image	Nico Schottelius	06/23/2022 04:15 PM
11366	Task	Closed	Normal	Setup 3x ungleich terminal notebooks	Nico Schottelius	05/03/2023 10:08 PM
12339	Task	Closed	Normal	Evaluate yaaok for openstack in k8s	Nico Schottelius	01/06/2024 06:35 PM
12340	Task	In Progress	Normal	Evaluate openstack helm charts	Nico Schottelius	01/07/2024 04:18 PM
12342	Task	In Progress	Normal	Evaluate Cloudstack (Q1 2024)	Nico Schottelius	01/07/2024 04:15 PM
12343	Task	In Progress	Normal	Evaluate cloud-hypervisor (Q12024)	Nico Schottelius	01/07/2024 05:33 PM
12344	Task	Seen	Normal	Evaluate kubevirt (Q12024)	Nico Schottelius	01/07/2024 05:41 PM
12596	Task	Waiting	Normal	Add support for lemmy hosting	Nico Schottelius	02/24/2024 12:41 PM
12597	Task	Seen	Normal	Add support for pixelfed hosting	Nico Schottelius	02/24/2024 12:43 PM
12598	Task	In Progress	Normal	Evaluate authentik for use at ungleich	Nico Schottelius	02/25/2024 08:05 AM