

ENTERPRISE CLOUD HOSTING

Productinformation



TRENDAHOSTING

«Our competences + our advantages = your benefit»

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swiss hosting

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TREN

HOSTING

«Finest hosting technology since 1997»



Figure 1: Thun (Source: AdobeStock.com)

Located in Thun, Switzerland , Trendhosting was founded in 1997 by an Internet pioneer. Previously, as a server expert, he was able to gather more than ten years of experience in building, administering, maintaining, operating and optimizing high-performance, highly secure hosting solutions in well-known IT companies.

From the beginning, the focus was on offering the best technology for all special requirements, with maximum performance in complete safety.

Since then Trendhosting offers professional hosting services in Switzerland and abroad, with its small, energetic special team of troops. "In the operation of high-performance and secure web platforms, nobody makes us that so fast." That's what the Trendhosting team is proud of. To ensure that, it constantly expands its know-how, because trend hosting has grown steadily to master even the most special challenges facing its customers.

Enterprise Cloud Hosting

«Today's state of the art in hosting»

So far, the measure of all things in the hosting area of individually constructed dedicated solutions. With the implementation of our Enterprise Cloud Hosting, we have put the whole thing on top of it.

A benchmark for existing customers shows, we've compared their new private Enterprise Cloud Hosting to their previous dedicated performance hosting solutions. We found the following results:

- ❓ **«massively increasing of the performance»**
- ❓ **full flexibility**
- ❓ **lower costs by full transparency**

You can also benefit from these advantages. We are happy to advise you to put together the most optimal solution for you.

Performance & Quality

«Only the best Hardware is good enough»

Hardware



With our hosting systems we achieve top performance. To ensure this, we work exclusively with enterprise class hardware of the highest quality manufacturers (Dell, HP Enterprise, Super Micro, Juniper, etc.). In addition, all our systems are built in a retentive structure.



CPU's



All of our nodes have two high-power CPUs. Currently we only use Intel® Xeon® Gold 6144 /6244 CPUs with 8 cores each, respectively 16 threads with a clock rate of up to 4.4 GHz (Turbo).



SSD/NVMe



The storages are of the latest generation SSD/NVMe which guarantees the highest reliability, access speed & data security




Autoscaling horizontal & vertical

The server technology is based on the innovative jelastic administration interface. This unique architecture relies on autoscaling, both horizontal and vertical, this guarantees the highest performance.

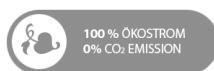


Serverlocation



Our Enterprise Cloud Hosting servers are located in a data center of the highest security class in Zurich, Switzerland. 

It is Tier IV certified, operates in accordance with FINMA standards, and thus complies with the strict requirements of the Swiss financial center.



On request there is also the possibility to use the server location at our partner in Germany.

Security & Reliability

«Your data - your "gold" »



Private isolated solutions

For full protection all our Enterprise Cloud Hosting instances run on **individually separated set ups**. Each is fully replicated once a day.



Datasecurity (Backup, DDOS Protection, WAF, ...)

Safety is our highest priority. That's why each of our Enterprise Cloud Hosting comes with a **15-day (retention time) data backup, free of charge**. The standard frequency is once a day. The automatic backup is managed separately and always gives you access to the data of the previous 15 days. With this we can guarantee you the best possible security for your "gold". Of Course, higher frequencies a/o retention times are available by individual arrangement.

Especially in e-commerce and banking sectors, a temporary availability restriction can cause massive losses. That's why all our Enterprise Cloud Hosting services **include high quality DDOS protection for free**. Thanks to BGP-FlowSpec, the traffic in front of our systems (at the entry points into the network) is blocked. The detection and mitigation of DDOS attacks happens automatically.

Every enterprise cloud hosting customer can use our **excellent web application firewall (WAF) with included reputation check optionally and free of charge**.

In addition, we also protect your domains and mail traffic against unwanted access by **DNSSEC and DMARC**. These outstanding additional services are available to all our Trendhosting Enterprise Cloud customers as **optional and free of charge**.



swiss hosting

Trendhosting Enterprise Cloud Hostings meet the guidelines of swiss hosting and are licensed accordingly:

- Hosting of all applications and data takes place in a data center in Switzerland
- Data protection and data security are subject to Swiss law.
- Access from abroad to the hosting environment and/or the data on it for operation and administration is protected by Trendhosting in such a way that the data remains entirely in Switzerland and cannot be viewed or requested either directly or indirectly by a foreign organization or government.



Trustworthy

Create trust and encrypt your websites with our steady actualized **TSL/SSL certificate (Standard Level) for free. Higher Levels are optional available.** All the mails of all our Trendhosting Enterprise Cloud Users are **DKIM** signed and authenticated by **SPF** as standard, inclusive.



Speed & Availability

We always invest in a high-profile peering. Thereby we reach a **low latency network** which meets even the highest traffic requirements. In addition, all our Enterprise Cloud Hosting systems work with a specially **in house developed cache method**, this gives your site the outstanding turboboost it needs and our **internet connection of up to 2 X 10 GBits /s** guarantees free highways for your data.

Want to expand? All your content fast, available worldwide? No problem! Thanks to the collaboration with our Partner Verizon Digital Services, we can provide our Trendhosting Enterprise Cloud Customers an **optional Content Delivery Network (CDN) Service at an exclusive preferential price.** This ensures the incredible fast, worldwide availability even of the largest amounts of data, such as videos, images, or even entire program downloads.



Monitoring & Maintenance

Concentrate worry-free on your core business. We take care of the smooth operation of your hostings in the background. Thats why, we **monitor our systems 24H/7D in real time, ensure the regular maintenance and install all necessary updates as well as patches.** But we do not just simply monitor our servers and systems - once in production state we proceed an **end to end monitoring of your application** from multiple geographical locations.



Support

We offer a **professional telephone and e-mail support for all our customers for free.** Our professional free support is available as follows:

Support type		Contact
 Email (best effort)	24 / 7	support@trendhosting.ch
 Phone (during business hours)	MO – FR 08:30 – 12:00 13:30 – 17.30	for Switzerland (local rate) 0844 01 01 01 from other countries +41 (0)33 550 06 40

Of course, individual Service Level Agreements are available on request as well.

Flexibility & Simplicity

«Get the most out of your application - easy & simple»



Fully software defined managed datacenter

Quite simple and quick, you, or the developer of your choice, create your own individual environment in the Trendhosting Cloud GUI. There you will find prepared, optimized stacks for all common programming languages, such as Java, PHP, Node.js, Google GO, Docker and more for example Kubernetes, GitLab, etc.

Also, database integration is easy. With a few clicks, the required environment is at your disposal. You have the choice, e.g. SQL: MariaDB, MySQL CE, Percona, PostgreSQL, etc. or NOSQL: MongoDB, Redis, Couchbase, CouchDB, etc. The number of databases is unlimited.

Define the required resources and the time frame for your needs. With just a few clicks, you can easily and quickly create your compliant server environment. Of course, you can always make changes, to fit it always to your actual requirements.



Marketplace

Applications - fast customized deployment

Of course, you could make a standardized 1-Click installation for all popular applications, such as Wordpress, Magento, Shopware, Drupal, Typo3, Joomla, etc.

But we want to give you more. With one of our own custom optimized pre-installed configurations, your chosen application feels right at home and you're able to make the most of all the benefits.



...and many more...



Analytics, SEO & Marketingsupport



Figure 2: Logaholic Webanalysis (Source: AdobeStock with own modifications)

In the commercial sector, targeted marketing is an essential pillar of long-term success today. This always begins with good planning. The basis for this is the analysis of any available information about the target customer behavior. Based on this data, conclusions can be drawn for the optimization of the website, but also of the portfolio and other marketing activities.

Of course, the digital world offers excellent conditions for this, because after all, every user leaves his mark on the Internet. For this analysis, so-called web analysis tools are used.

Trendhosting knows how important this is and therefore every Trendhosting Enterprise Cloud Hosting customer, can **optionally use the first-class tool Logaholic**. Thanks to our partnership with its developer, we can even provide you with this unique service **cost-free**. Just ask us, we are happy to set up an appropriate environment for you.

With its unique algorithm, **Logaholic**, combines the two methods (**Page Tagging and Log File Analysis**) and can benefit from this hybrid mode of all the advantages of both variants. This provides your customers with exceptional web analytics capabilities at the highest level. In addition, even social media such as Facebook or Twitter and MailChimp can be conveniently integrated.



Pricing

«Fair & Simple - real pay per use»



Flexible costdesign

Through our unique billing system, we grant you the full control. You define the amount of resources they will probably need over a certain period of time (reservation).

At the end, however, **you pay only for the resources that were actually used**, not for the reserved ones. And beyond: **No traffic-dependent billing!** . That's what we are meaning by **Fair & Simple - real pay per use!**

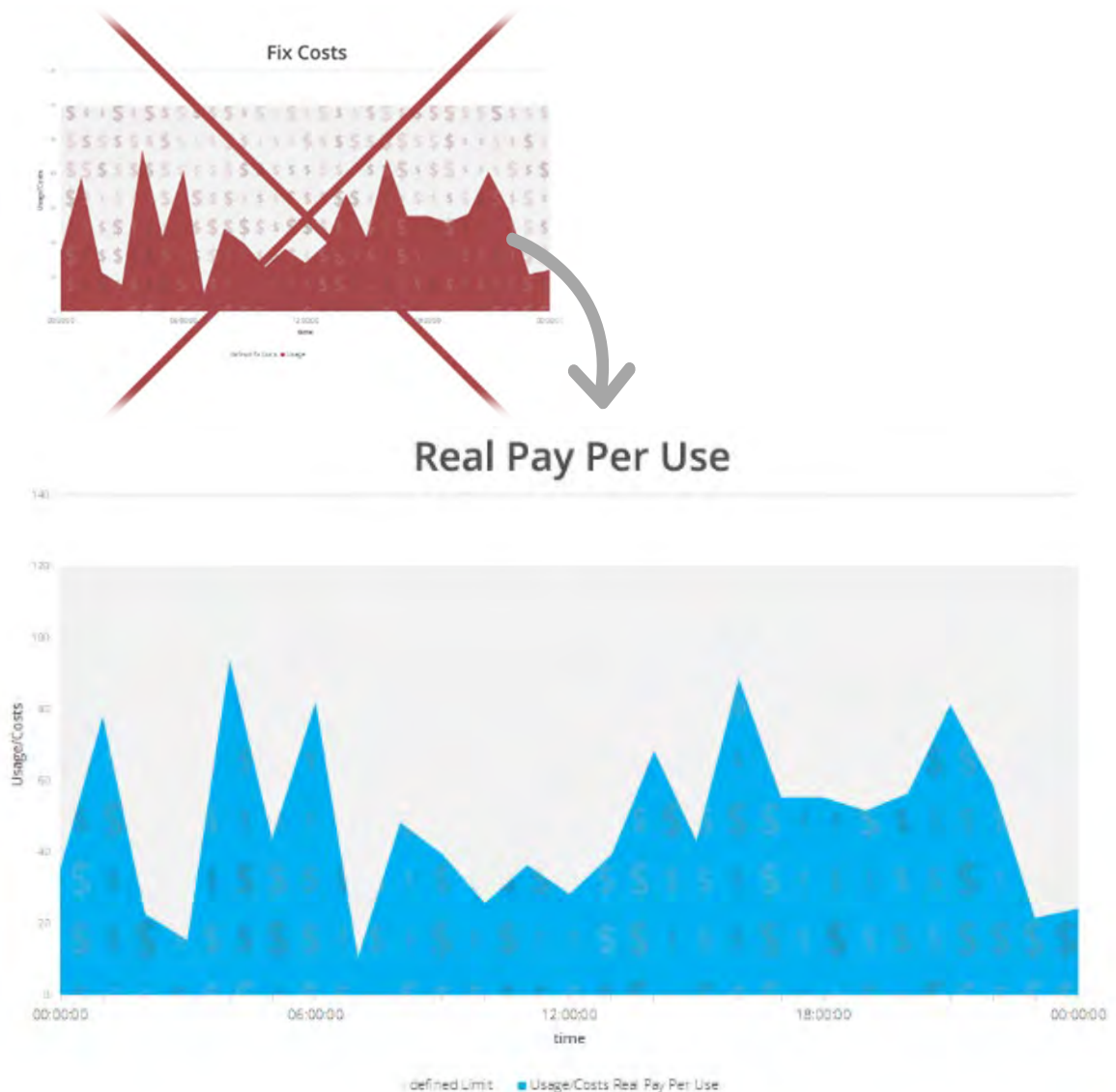


Figure 3: Real Pay Per Use (Source: Own Representation)



Costdesign How it works

The costs of the whole environment are billed every hour, only the resources actually used are calculated. They can be viewed hourly in the platform, displayed and adapted at any time.

The bill is issued monthly. It contains a detailed informations of the consumption and services used, comparable to a standard telephone bill.

Cloudlets – the Building Blocks

Build your own individual sever environment and adapt it to your needs. The required building blocks for this are the cloudlets. One cloudlet equals 400MHz CPU and 128MB Ram. A

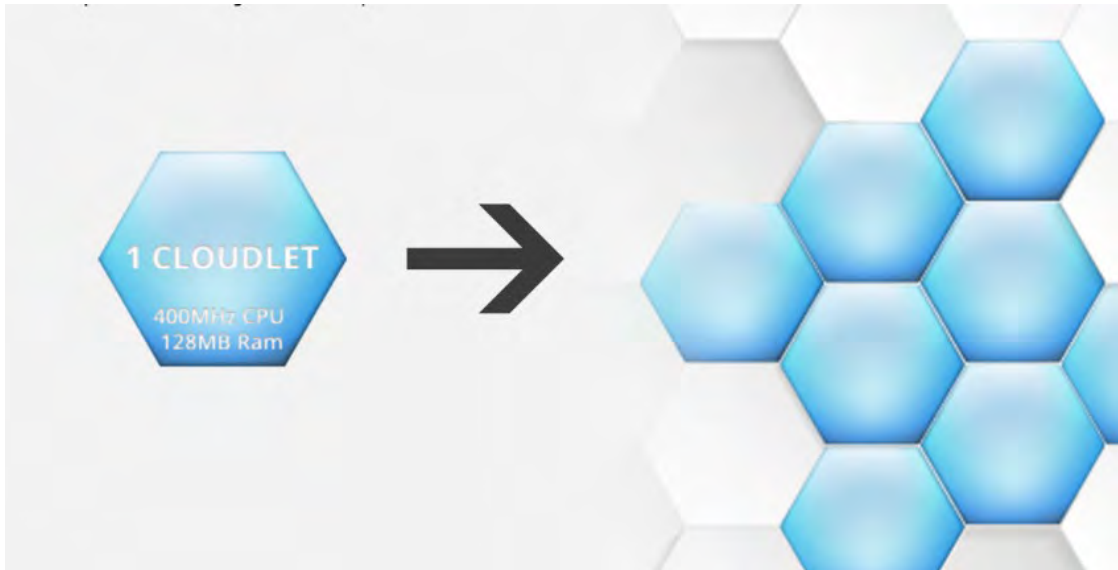


Figure 4: Cloudlets (Source: Own Representation)

distinction is made between fixed (reserved) cloudlets and dynamic cloudlets. The fix (reserved) cloudlets serve as base setup, so they are used to ensure the predefined base load. In addition, you are free to add dynamic cloudlets. This sets the upper limit for scalability. As opposed to the fix (reserved) cloudlets, the dynamic ones would be only charged, if they are actually allocated. This means you can set a cost limit and easily adjust it if necessary.

The cloudlet-costs per hour are shown in the Table 1 below:

Table 1: Cloudlet Costs (Source: Own representation)

Cloudlets	Fix (reserved) Cloudlets		Dynamic Cloudlets	
	Costs per hour	Discount	Costs per Hour	Discount
1-24	0.0094	22%	0.012	0%
25-49	0.008	33%	0.0109	9%
50-149	0.007	42%	0.0103	14%
150-∞	0.006	50%	0.01	17%

All costinformations are in Swiss Francs excluding 8.1% VAT

Disk memory (including 14 days backup)

The first 3 GB are free, everything above will be charged as shown in the Table 2 following:

Table 2: Disk Memory Costs (Source: Own representation)

Diskspace	Discount	monthly costs per 1 GB
0 - 3	100%	included
> 3 - 30		1.00
> 30	50%	0.50

All cost information are in Swiss Francs excluding 8.1% VAT

Traffic and dedicated IP address:

The traffic is free of charge with a premium Layer3-Layer4 DDOS included.

External traffic last month	Price per GB	Free / hour	Free / month*
1 GB - ∞	FREE	2 GB	up to 1.46 TB

* Based on a 730 hour month.

Figure 5: Screenshot Trendhosting Enterprise Cloud Hosting, Traffic Costs (Source: Own representation)

A dedicated IP address costs 5.00 Swiss Francs (exclusive 8.1% VAT) per month. A public IP address can be used for multiple SSL certificates (for multiple instances), used by the Nginx Docker container.

Jelastic SSL		
This is a protocol which establishes a secure connection between your client and your Jelastic environment. The charge is taken hourly.		
Name	Price / hour	Price / month*
Jelastic SSL	FREE	FREE
* Based on a 730 hour month.		
Public IP		
This is an external IP address which is directly accessible from outside of the cluster. The charge is taken hourly.		
Count	Price per IP / hour	Price per IP / month*
1 - ∞	CHF0.006944	CHF5.07
* Based on a 730 hour month.		

Figure 6: Screenshot, Trendhosting Enterprise Cloud Hosting, Jelastic SSL (Source: Own representation)



Full real Time costcontrol

Thus, you always have the **full cost control** and can adjust the selected scope of resources at any time as needed.

Free 30-Days Trial

«Let`s make a ride»



Figure 7: Trendhosting Enterprise Cloud Hosting, Test Drive (Source: AdobeStock with own modifications)

Get on and test our private premium cloud hosting now. Feel the power and experience real professional performance. Make your own benchmarks. Check out the possibilities of our flexible cost configuration, **30 days for free and without obligation.**

Attachements

GUI Screenshots

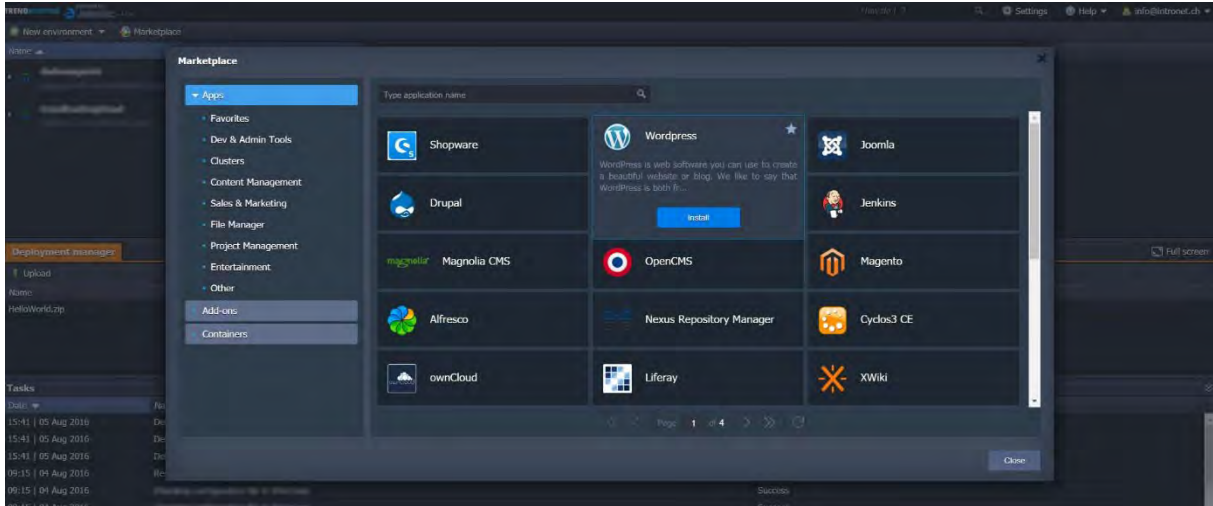


Figure 8: Trendhosting Enterprise Cloud Hosting, GUI Screenshot 1, Marketplace (Source: Own Representation)

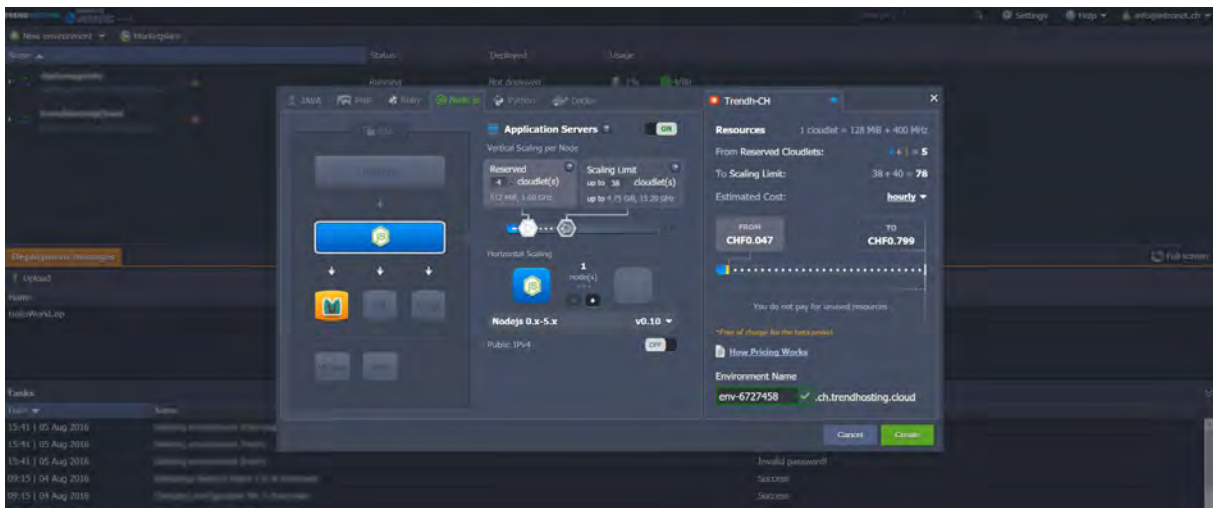


Figure 9: Trendhosting Enterprise Cloud Hosting, GUI Screenshot 2, Node js (Source: Own Representation)

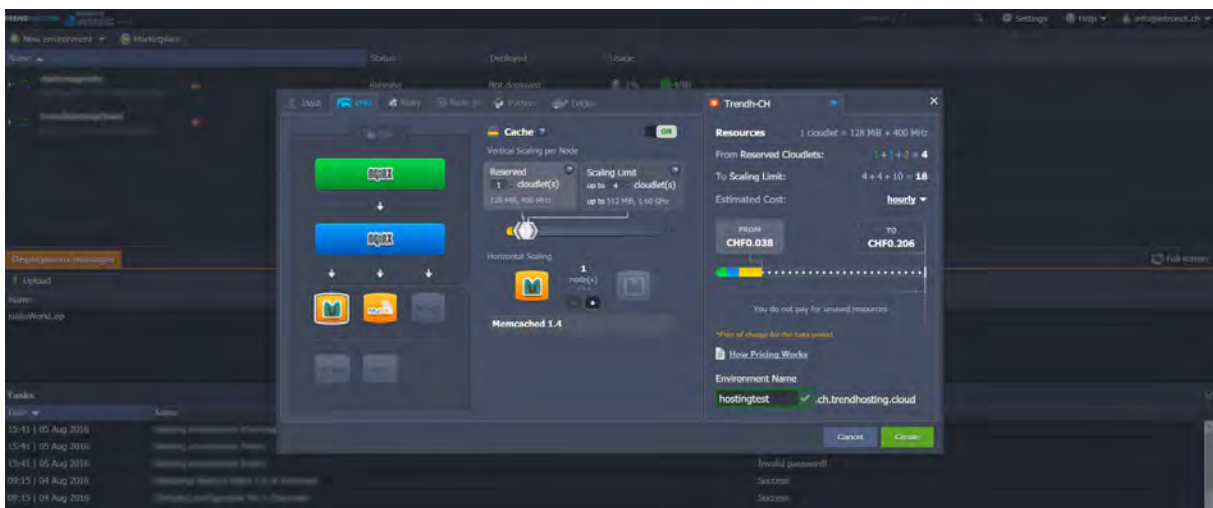


Figure 10: Trendhosting Enterprise Cloud Hosting, GUI Screenshot 3, PHP Cache (Source: Own Representation)

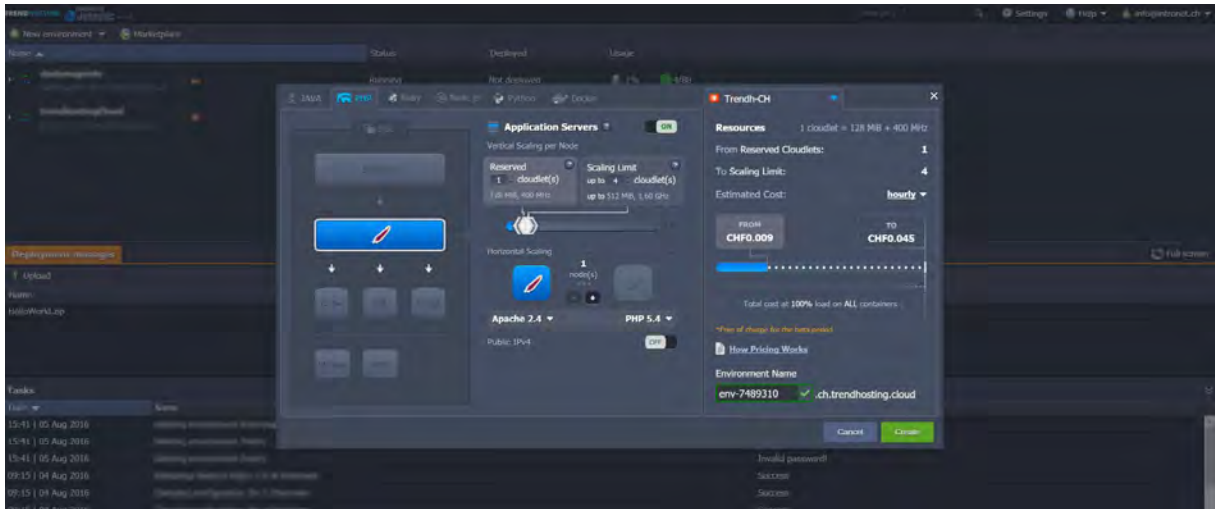


Figure 11: Trendhosting Enterprise Cloud Hosting, GUI Screenshot 4, PHP Apache (Source: Own Representation)

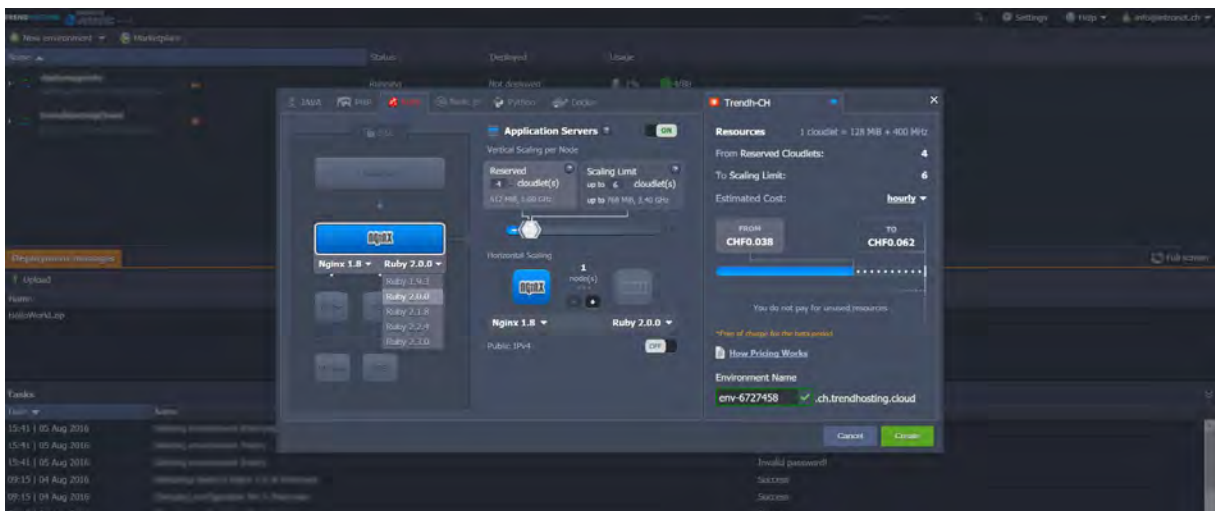


Figure 12: Trendhosting Enterprise Cloud Hosting, GUI Screenshot 5, Ruby (Source: Own Representation)

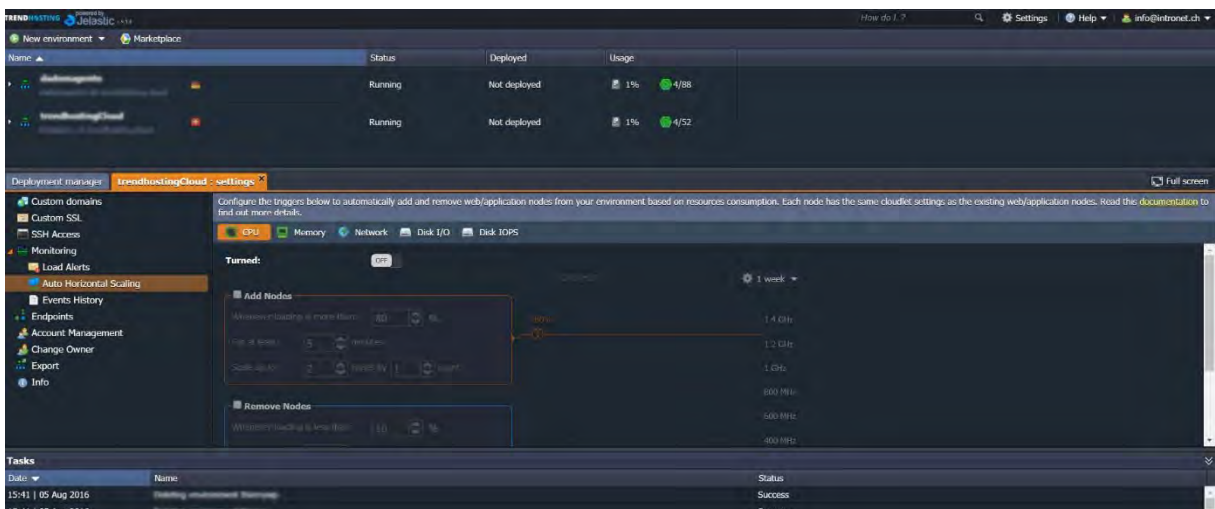


Figure 13: Trendhosting Enterprise Cloud Hosting, GUI Screenshot 6, Settings (Source: Own Representation)

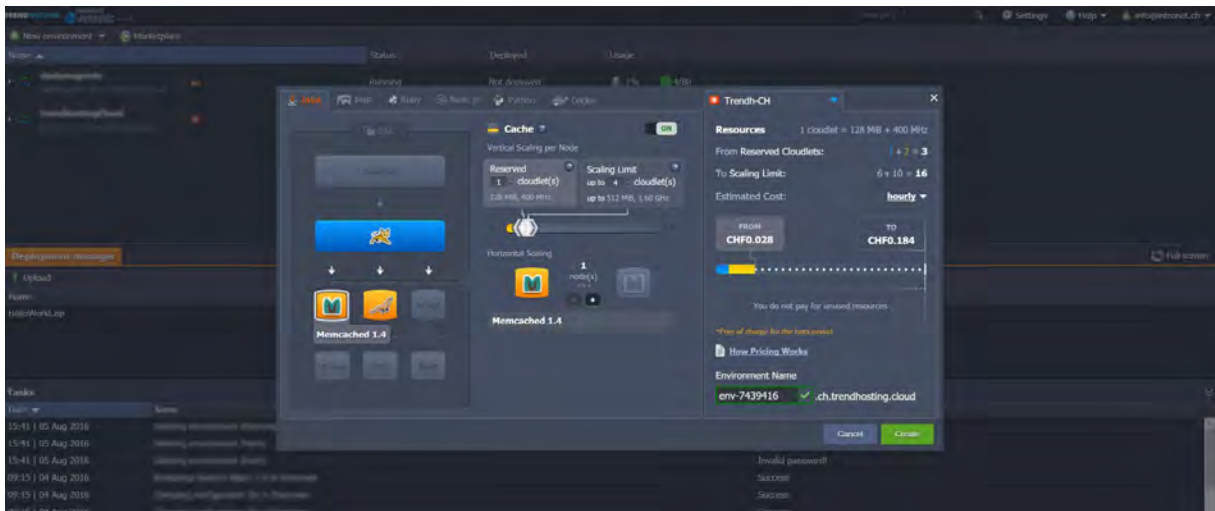


Figure 14: Trendhosting Enterprise Cloud Hosting, GUI Screenshot 7, Java Cache (Source: Own Representation)

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«Get in [Contact](#) with us and in no time
we can provide you with the ideal
platform for your application and enable
you an incredible "fast" test drive»

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