Cloud servisi

Cloud servisi

- A **cloud service** is any **service** made available to users on demand via the Internet from a **cloud** computing provider's servers as opposed to being provided from a company's own on-premises servers.

Cloud servisi

• Izbor rešenja prema potrebama korisnika

• Plaćanje usluga i resursa na osnovu utroška

• Visok kvalitet data centara

• Podrška 24/7 efikasnost kroz brzu implementaciju servisa

Cloud servisi

- Sigurnost podataka uz najsavremenije sisteme zaštite

- Bez ulaganja u hardver, održavanje i prostor za smeštaj servera

- Bez ulaganja u kupovinu skupih aplikacija

- Brzo i lako upravljanje resursima

-Automatski bekap

Cloud servisi

- Putem Cloud portala sam, po svom izboru, korisnik može da kreira svoj računarski oblak i tako na veoma jednostavan način obezbedi svu potrebnu IT infrastrukturu, od računarskih platformi, pa do web i razvojnih servera. Ne mora da ulaže u hardver, održavanje, prostor za smeštaj servera i u kupovinu skupih aplikacija. Očekuje vas znatna

Cloud servisi

• ušteda, jer koristi računarsku infrastrukturu provjdera, po principu *pay per use*.

• mogućnost da brzo i jednostavno menja karakteristike kreiranog računarskog oblaka.

Cloud servisi

Top benefits of cloud computing

Cloud computing is a big shift from the traditional way businesses think about IT resources. What is it about cloud computing? Why is cloud computing so popular? Here are 6 common reasons organizations are turning to cloud computing services:

1. Cost

- Cloud computing eliminates the capital expense of buying hardware and software and setting up and running on-site datacenters—the racks of servers, the round-the-clock electricity for power and cooling, the IT experts for managing the infrastructure. It adds up fast.

2. Speed

- Most cloud computing services are provided self service and on demand, so even vast amounts of computing resources can be provisioned in minutes, typically with just a few mouse clicks, giving businesses a lot of flexibility and taking the pressure off capacity planning.

3. Global scale

- The benefits of cloud computing services include the ability to scale elastically. In cloud speak, that means delivering the right amount of IT resources—for example, more or less computing power, storage, bandwidth—right when its needed, and from the right geographic location.

4. Productivity

- On-site datacenters typically require a lot of "racking and stacking"—hardware set up, software patching, and other time-consuming IT management chores. Cloud computing removes the need for many of these tasks, so IT teams can spend time on achieving more important business goals.

5. Performance

- The biggest cloud computing services run on a worldwide network of secure datacenters, which are regularly upgraded to the latest generation of fast and efficient computing hardware. This offers several benefits over a single corporate datacenter, including reduced network latency for applications and greater economies of scale.

6. Reliability

- Cloud computing makes data backup, disaster recovery, and business continuity easier and less expensive, because data can be mirrored at multiple redundant sites on the cloud provider's network.

Tipovi Cloud servisa

- Većina usluga računarstva u oblaku pada u tri široke kategorije: infrastruktura kao usluga (IaaS), platforma kao usluga (PaaS) i softver kao usluga (Saas).

- cloud computing stack, grade se jedan na drugi.

- Znajući šta su i po čemu su različiti olakšavaju postizanje poslovnih ciljeva.

Infrastructure-as-a-service (IaaS)

- Najosnovnija kategorija cloud computing servisa.
- Sa IaaS-om iznajmljujete IT infrastrukturne servere i virtuelne mašine (VM), disk, mreže, operativne sisteme itd
- od provajdera cloud-a na osnovu *pay per use*.

Platform as a service (PaaS)

- Platform-kao-usluga (PaaS) odnosi se na cloud computing servise koji snabdevaju okruženje na zahtev za razvoj, testiranje, isporuku i upravljanje programskim aplikacijama. PaaS je dizajniran kako bi programerima olakšao brzo kreiranje web ili mobilnih aplikacija, bez brige o postavljanju ili upravljanju osnovne infrastrukture servera, diska, mreže, i baza podataka potrebnih za razvoj

Software as a service (SaaS)

- SaaS (Software as a Service) je softversko rešenje na Cloud-u. Poseduje sve resurse za održavanje i podršku, uz mogućnost proširenja i prilagođavanja promenama u poslovanju. Bezbednost i čuvanje Vaših podataka su zagarantovani. Podaci su smešteni u data centrima i dostupni su Vam gde god da se nalazite.
- Nema potrebe za kupovinom licence uz zanemarive troškove održavanja resursa.
- Prednosti SaaS modela su brojne:
- brži pristup novim tehnologijama
- izbegavanje „zarobljavanja" u zastarelu tehnologiju
- pristup podacima u svakom momentu bez obzira gde se nalazite
- mogućnost proširenja i prilagođavanja promenama u poslovanju
- niži inicijalni troškovi
- lakše predviđanje troškova

Primer MTS Cloud servis 125rsd/dan

POSLOVNI PRIVATNI PRIJAVA KORISNIKA (/LOGIN/) 🛒 (/login/?returnurl=cart)

Virtuelni server

POVRATAK NA KATEGORIJE SERVISA (/KATALOG)

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Virtuelni serveri

Virtuelni serveri

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Povećajte kapacitet Vaših IT resursa uz niske troškove i bez početnih investicija.

Primer MTS Cloud servis 125rsd/dan

	30 DANA BESPLATNO OSNOVNI PAKET	NAPREDNI PAKET	PREMIJUM PAKET	PREMIJUM PLUS
CPU	1	2	4	8
OSNOVNI HARD DISK	50 GB	100 GB	200 GB	400 GB
RAM MEMORIJA	− 2 GB +	− 4 GB +	− 8 GB +	− 16 GB +
DODATNI HARD DISK	− 0 GB +	− 0 GB +	− 0 GB +	− 0 GB +
JEDNA IP ADRESA	Besplatno	Besplatno	Besplatno	Besplatno
BACKUP	Besplatno	Besplatno	Besplatno	Besplatno
OPERATIVNI SISTEM	CentOS V6 x64 Lir	CentOS V6 x64 Lir	CentOS V6 x64 Lir	CentOS V6 x64 Lir
SOFTWARE	MySQL za CentOS	MySQL za CentOS	Ne	Ne

Primer MTS Cloud servis 125rsd/dan 3750rsd/mes 45000rsd/god

- Server 80 000 din
- UPS 10 000 din
- Period amortizacije 1000 dana
- Vrednost 90 rsd/dan
- Utrošak energije 20 rsd/dan
- IP adresa 30 rsd/dan
- Utrošeno vreme za održavanje, backup...
- Resursi x4 cena x2

Primer MTS Cloud servis 135rsd/dan

	WEB SERVER
CPU	1
OSNOVNI HARD DISK	50 GB
RAM MEMORIJA	2 GB
DODATNI HARD DISK	— 0 GB +
JEDNA IP ADRESA	Besplatno
BACKUP	Besplatno
OPERATIVNI SISTEM	SUSE Linux Enterprise 12 SP2 + Apache Web Server + Full LAMP

LAMP

- **LAMP** is an archetypal model of web service stacks, named as an acronym of the names of its original four open-source components: the Linux operating system, the Apache HTTP Server, the MySQL relational database management system (RDBMS), and the PHP programming language. The LAMP components are largely interchangeable and not limited to the original selection. As a solution stack, LAMP is suitable for building dynamic web sites and web applications.

Types of cloud deployments: public, private, hybrid

- Not all clouds are the same. There are three different ways to deploy cloud computing resources: public cloud, private cloud, and hybrid cloud.

Public cloud

- Public clouds are owned and operated by a third-party [cloud service provider](#), which deliver their computing resources like servers and storage over the Internet. Microsoft Azure is an example of a public cloud. With a public cloud, all hardware, software, and other supporting infrastructure is owned and managed by the cloud provider. You access these services and manage your account using a web browser.

Private cloud

- A private cloud refers to cloud computing resources used exclusively by a single business or organization. A private cloud can be physically located on the company's on-site datacenter. Some companies also pay third-party service providers to host their private cloud. A private cloud is one in which the services and infrastructure are maintained on a private network.

Hybrid cloud

- Hybrid clouds combine public and private clouds, bound together by technology that allows data and applications to be shared between them. By allowing data and applications to move between private and public clouds, hybrid cloud gives businesses greater flexibility and more deployment options.