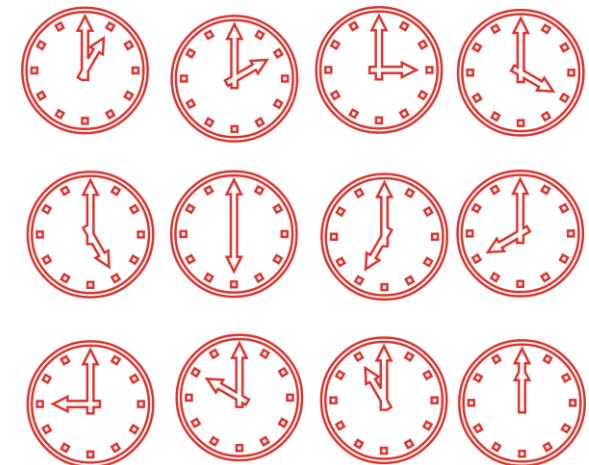


Cloud Computing Introduction

(Amazon Web Services (AWS))

Cloud Computing Introduction

You can create/access your resources from anywhere (Office, Restaurant, Beach, Travelling (Train, Bus, Plane, Ship, Car)) by using any device (Laptop, Tablet, Desktop, Smartphone), anytime (24 Hours).



Types Of Cloud

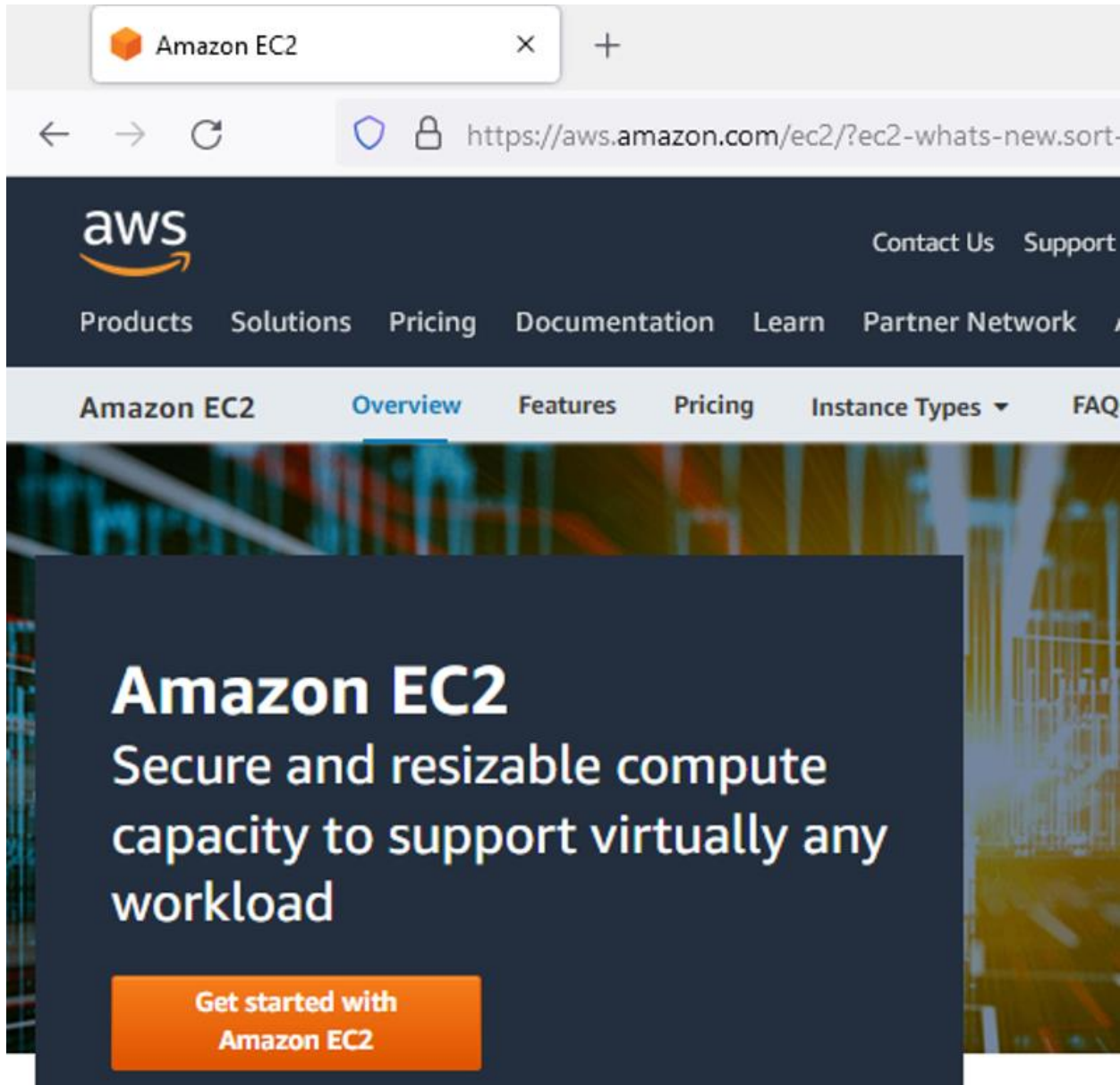
IAAS (Infrastructure As A Service) (AWS EC2, Google Compute Engine)

PAAS (Platform As A Service) (OpenShift, Google App Engine)

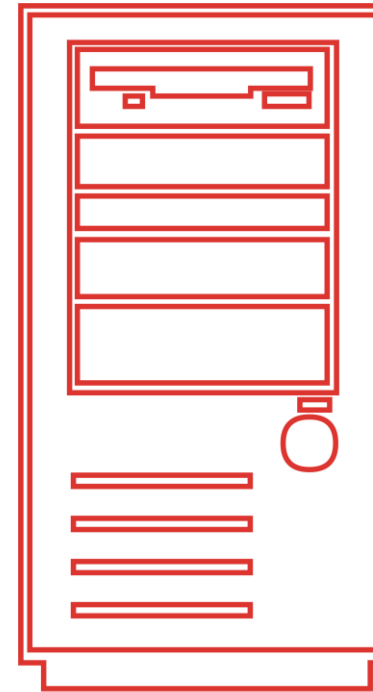
SAAS (Storage As A Service) (Dropbox, Google Drive)

SAAS (Software As A Service) (Google Docs, Zoho Docs)

IAAS (Infrastructure As A Service)



A screenshot of the Amazon EC2 website. The browser tab is labeled 'Amazon EC2'. The address bar shows the URL 'https://aws.amazon.com/ec2/?ec2-whats-new.sort-'. The page features the AWS logo and navigation links: 'Products', 'Solutions', 'Pricing', 'Documentation', 'Learn', and 'Partner Network'. Below these, there are links for 'Amazon EC2', 'Overview', 'Features', 'Pricing', 'Instance Types', and 'FAQ'. A large banner at the bottom reads 'Amazon EC2 Secure and resizable compute capacity to support virtually any workload' with a button that says 'Get started with Amazon EC2'.



Physical Server

OS: RHEL, CentOS, Ubuntu, Windows Server 2016

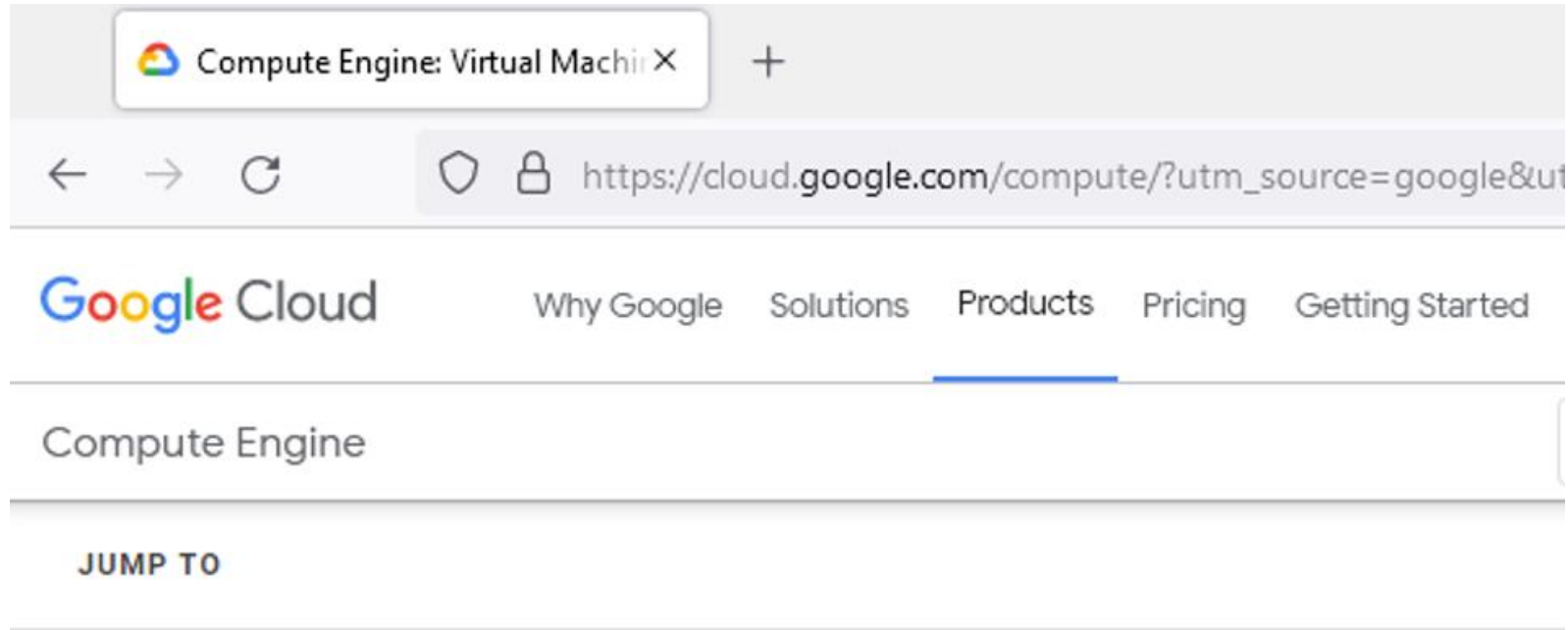
RAM: 8GB, 16GB, 32 GB

Processor: i3, i5, i7

Hard Disk: Magnetic/SSD

NIC: 1GB, 10GB

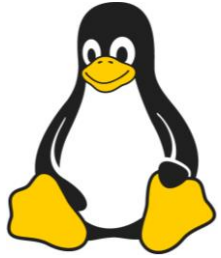
IAAS (Infrastructure As A Service)



Compute Engine

Secure and customizable compute service that lets you create and run virtual machines on Google's infrastructure.

PAAS (Platform As A Service)



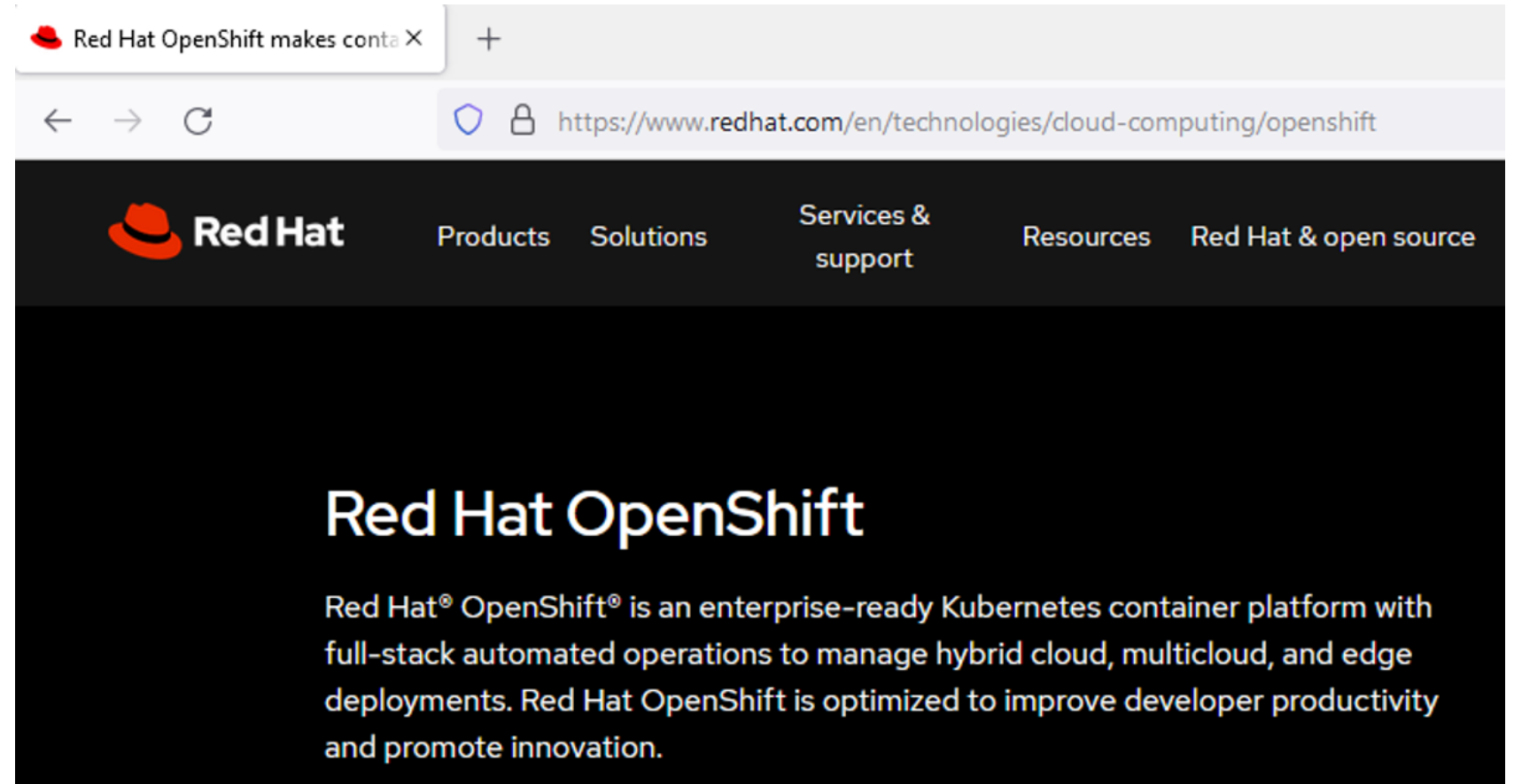
Linux



Apache

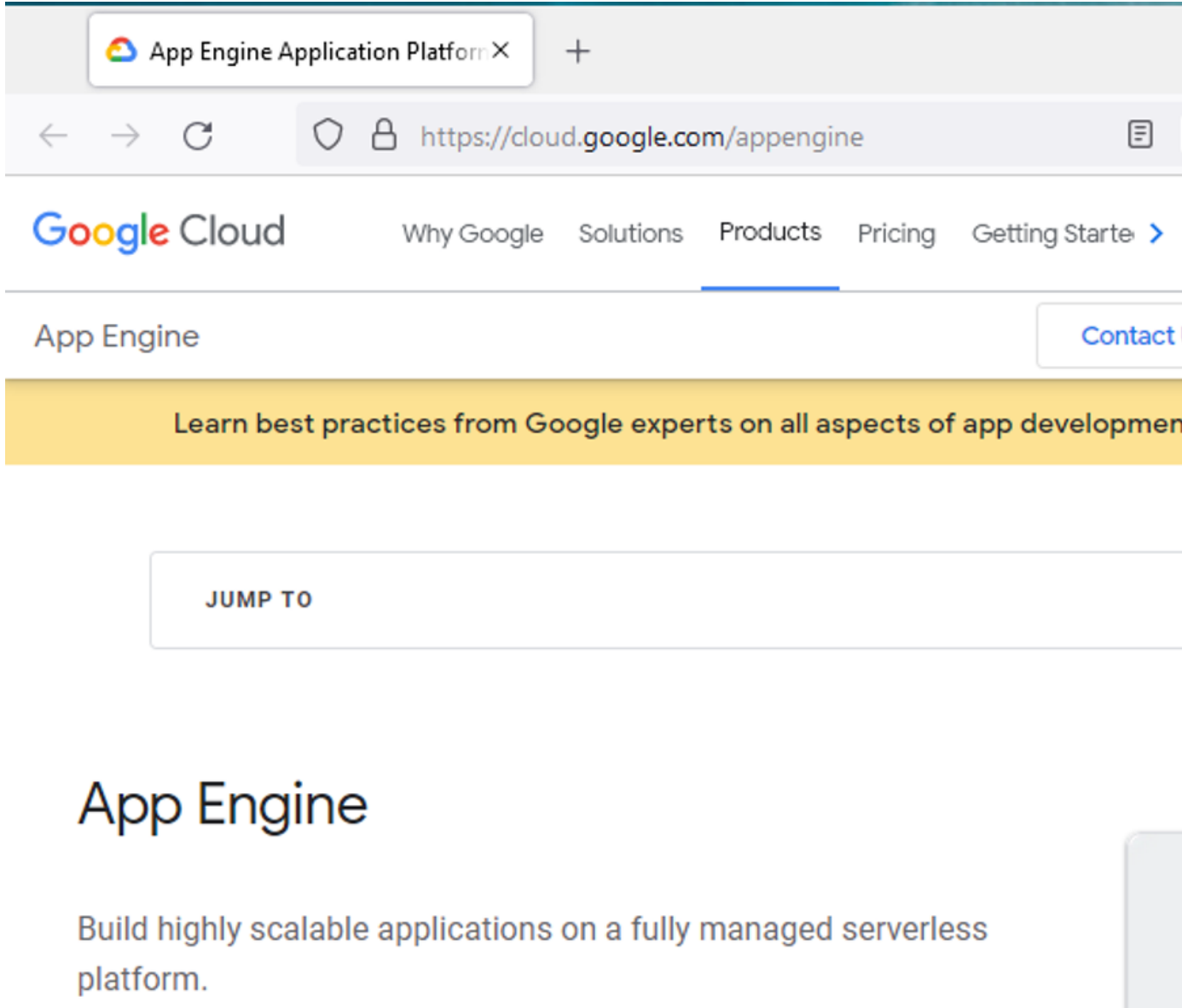


MariaDB



LAMP Stack

PAAS



A screenshot of the Google Cloud App Engine website. The browser's address bar shows the URL <https://cloud.google.com/appengine>. The page features the Google Cloud logo and navigation links: 'Why Google', 'Solutions', 'Products' (which is underlined), 'Pricing', and 'Getting Started'. Below the navigation bar, the text 'App Engine' is displayed on the left, and a 'Contact Us' button is on the right. A yellow banner contains the text 'Learn best practices from Google experts on all aspects of app development'. Below this is a 'JUMP TO' section. The main heading 'App Engine' is followed by the text 'Build highly scalable applications on a fully managed serverless platform.'

App Engine Application Platform X +

← → ↻ 🔒 <https://cloud.google.com/appengine> ☰

Google Cloud Why Google Solutions Products Pricing Getting Started >

App Engine [Contact Us](#)

Learn best practices from Google experts on all aspects of app development

JUMP TO

App Engine

Build highly scalable applications on a fully managed serverless platform.

SAAS (Storage As A Service)

The screenshot displays the Google Drive web interface. The browser address bar shows the URL `drive.google.com/drive/my-drive`. The interface includes a left sidebar with navigation options: 'New', 'My Drive' (selected), 'Computers', 'Shared with me', 'Recent', 'Starred', 'Bin', and 'Storage' (showing 7.34 GB of 15 GB used). The main content area, titled 'My Drive', lists files under the heading 'Name ↑'. A file named '1-dns-lab-setup-details.pptx' is selected, and a context menu is open over it. The menu contains the following options: Preview, Open with, Share, Get link, Show file location (highlighted), Add a shortcut to Drive, Move to, Add to Starred, Rename, View details, Manage versions, Make a copy, Report abuse, Download, and Remove.

drive.google.com/drive/my-drive

Drive

Search in Drive

New

My Drive

Computers

Shared with me

Recent

Starred

Bin

Storage

7.34 GB of 15 GB used

Buy storage

My Drive

Name ↑

Classroom

1-dns-lab-setup-details.pptx

2-master-dns-server-setup.pptx

3-slave-dns-server-setup.pptx

4-client-dns-setup.pptx

5-dns-introduction.pptx

6-master-dns-server-implementation.pptx

7--testing-master-dns-server-implementation.pptx

8-master-slave-dns-server-implementation.pptx

Preview

Open with

Share

Get link

Show file location

Add a shortcut to Drive

Move to

Add to Starred

Rename

View details

Manage versions

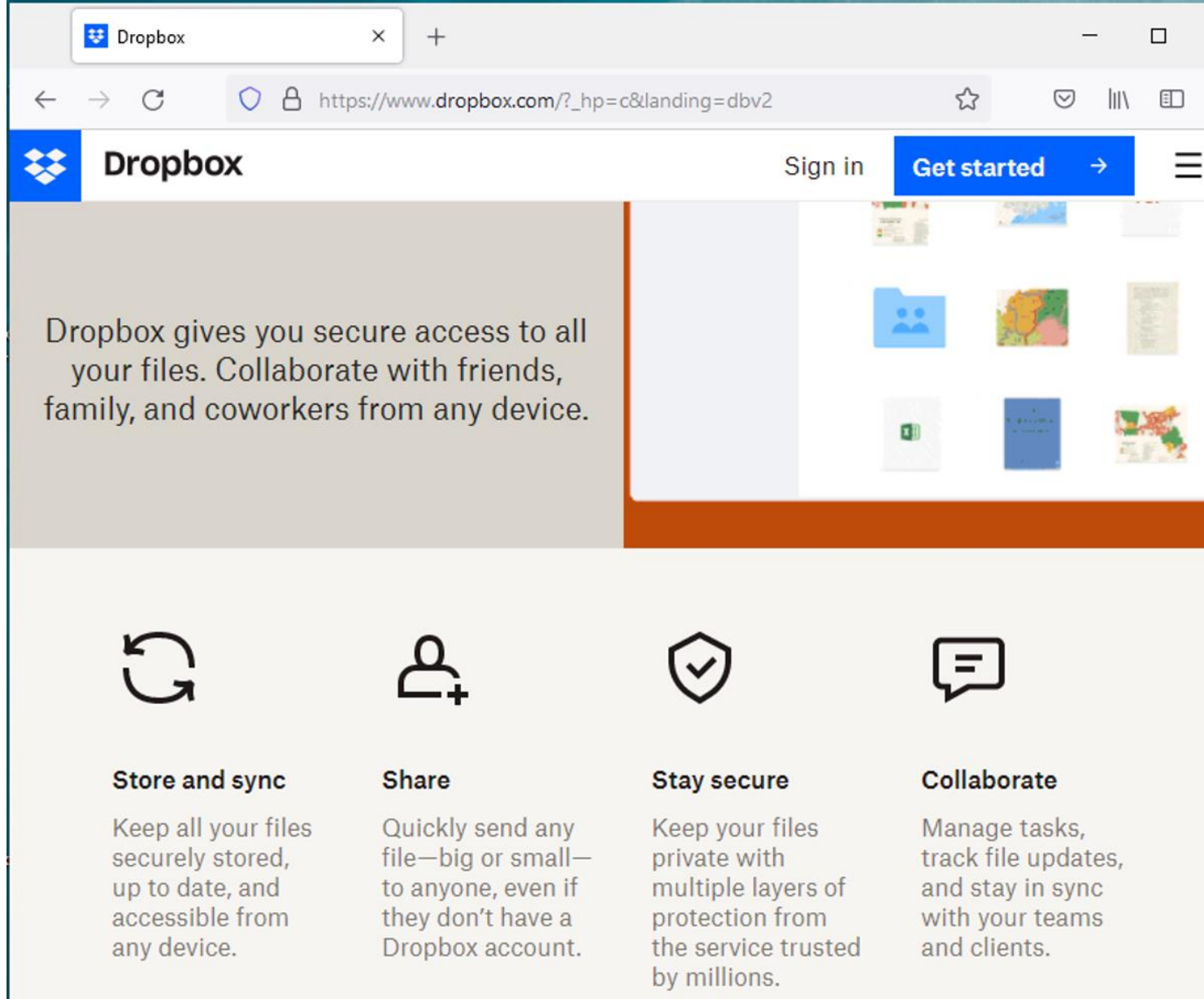
Make a copy

Report abuse

Download

Remove

SAAS (Storage As A Service)







The image is a screenshot of the Dropbox website homepage as it appeared in the early 2010s. The browser window at the top shows the URL `https://www.dropbox.com/?_hp=c&landing=dbv2`. The page features a navigation bar with the Dropbox logo, a 'Sign in' link, and a prominent blue 'Get started' button. A large grey box on the left contains the text: 'Dropbox gives you secure access to all your files. Collaborate with friends, family, and coworkers from any device.' To the right of this text is a grid of nine icons representing various file types like documents, photos, and folders. Below these elements is a four-column feature grid. Each column has an icon, a title, and a short description of a key Dropbox feature: Store and sync, Share, Stay secure, and Collaborate.

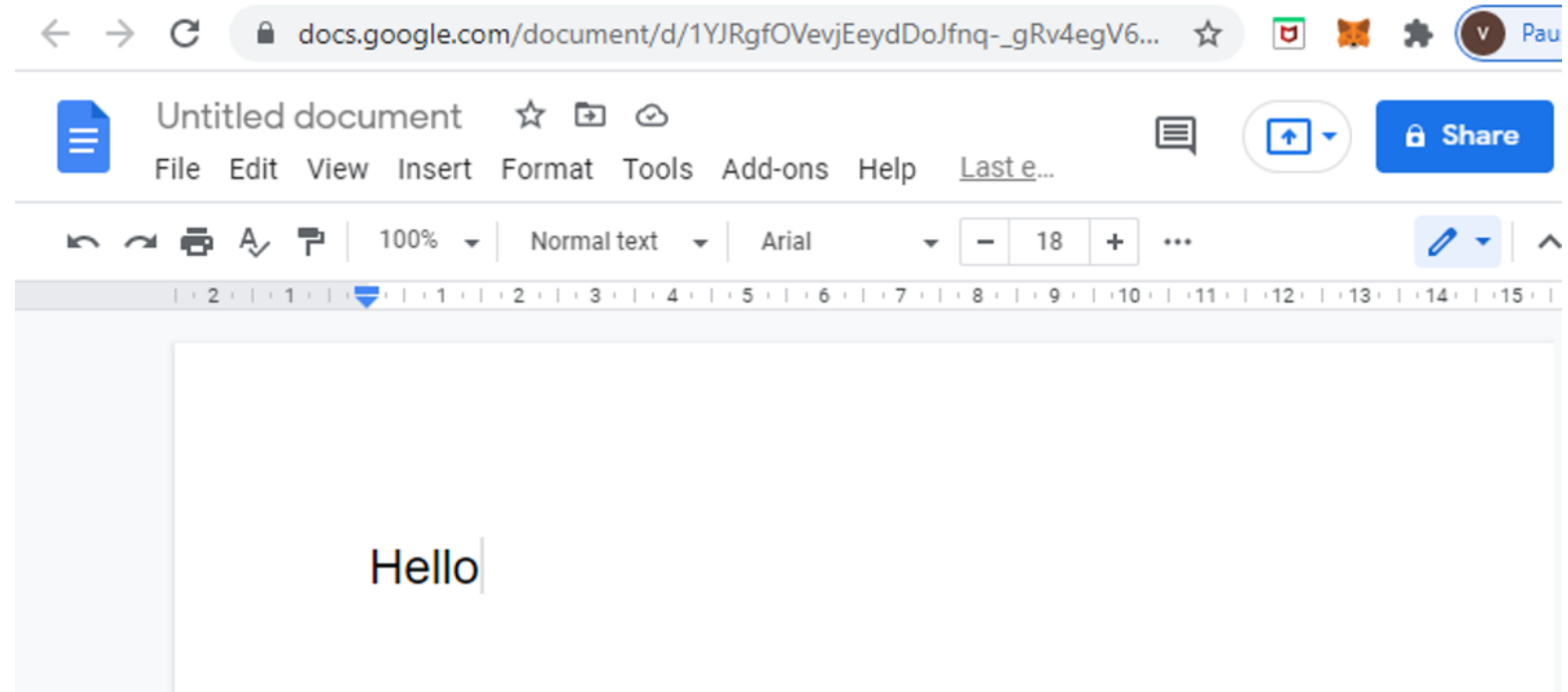
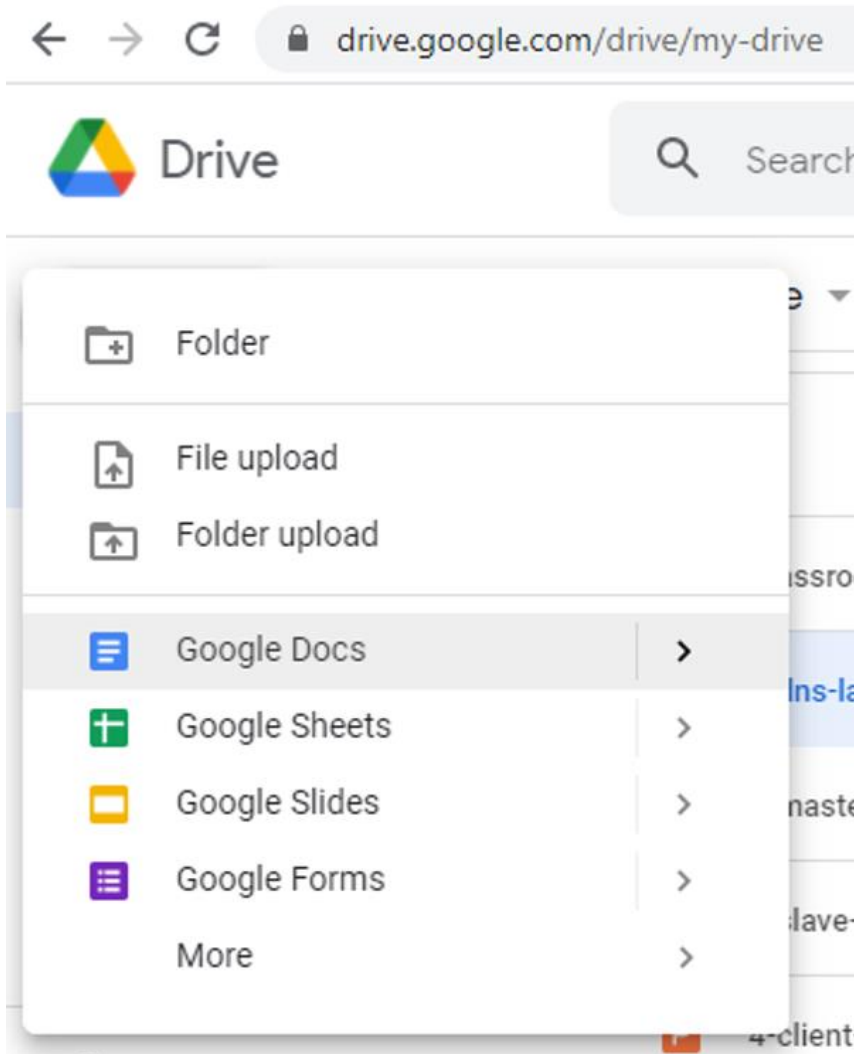
Dropbox

Sign in [Get started](#) →

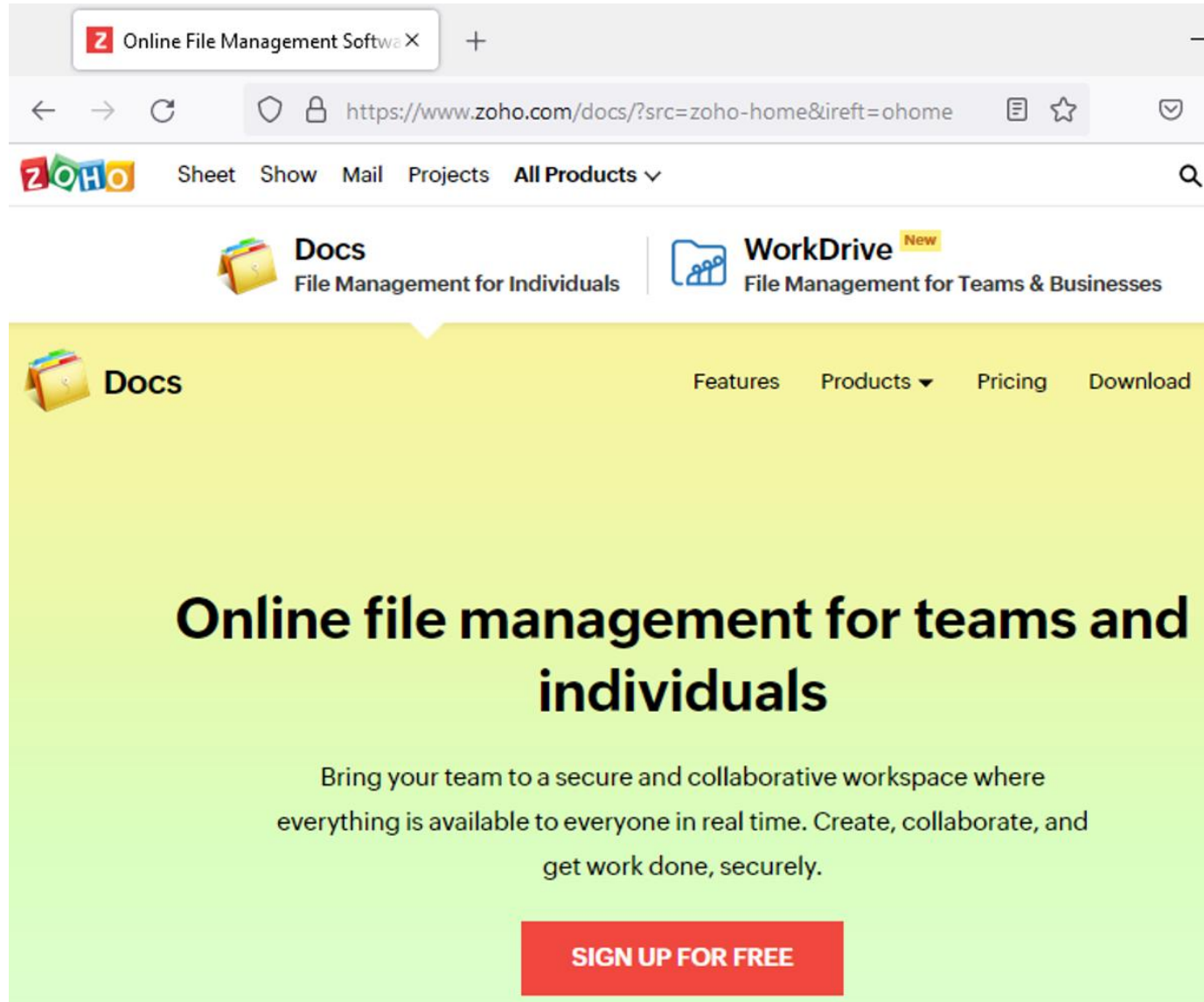
Dropbox gives you secure access to all your files. Collaborate with friends, family, and coworkers from any device.

- **Store and sync**
Keep all your files securely stored, up to date, and accessible from any device.
- **Share**
Quickly send any file—big or small—to anyone, even if they don't have a Dropbox account.
- **Stay secure**
Keep your files private with multiple layers of protection from the service trusted by millions.
- **Collaborate**
Manage tasks, track file updates, and stay in sync with your teams and clients.

SAAS (Software As A Service)



SAAS (Software As A Service)





The screenshot displays the Zoho Docs website interface. At the top, a browser tab is labeled 'Online File Management Software X'. The address bar shows the URL 'https://www.zoho.com/docs/?src=zoho-home&iireft=ohome'. Below the browser, the Zoho logo is followed by navigation links: 'Sheet', 'Show', 'Mail', 'Projects', and 'All Products' with a dropdown arrow. A search icon is on the right. The main navigation area features two options: 'Docs' with a folder icon and the text 'File Management for Individuals', and 'WorkDrive' with a group icon, a 'New' badge, and the text 'File Management for Teams & Businesses'. The main content area has a yellow-to-green gradient background. It includes a 'Docs' header with a folder icon, and navigation links for 'Features', 'Products' (with a dropdown arrow), 'Pricing', and 'Download'. The central text reads 'Online file management for teams and individuals'. Below this, a paragraph states: 'Bring your team to a secure and collaborative workspace where everything is available to everyone in real time. Create, collaborate, and get work done, securely.' At the bottom, a red button contains the text 'SIGN UP FOR FREE'.


Online File Management Software X

← → ↻ 🔒 https://www.zoho.com/docs/?src=zoho-home&iireft=ohome 📄 ☆ 📁

ZOHO Sheet Show Mail Projects All Products 🔍

 **Docs**
File Management for Individuals

 **WorkDrive** New
File Management for Teams & Businesses

 **Docs** Features Products ▾ Pricing Download

Online file management for teams and individuals

Bring your team to a secure and collaborative workspace where everything is available to everyone in real time. Create, collaborate, and get work done, securely.

SIGN UP FOR FREE

Cloud Computing Advantages

- Pay as you go
- Access from anywhere, anytime, any device
- Economy of scale
- Flexibility
- Expertly Managed