
Key Computing concepts

Processing and Storage components

RAM



- Very fast
- Temporary
- Volatile

Storage



- Slower than RAM
- Stores much more than RAM
- Permanent

CPU



- Performs calculations
- Directly communicates with RAM

Data Flow



Storage



RAM



CPU







Task Manager


File Options View

Processes Performance App history Startup Users Details Services

Name	Status	30% CPU	86% Memory	11% Disk	0% Network
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Apps (11)

>	 Google Chrome (20)				
>	 Microsoft Word (32 bit)				
>	 OneNote (2)				
>	 paint.net				
>	 Slack (3)				
>	 Steam Client Bootstrapper (32 bit)				

 Fewer details

End task

Software

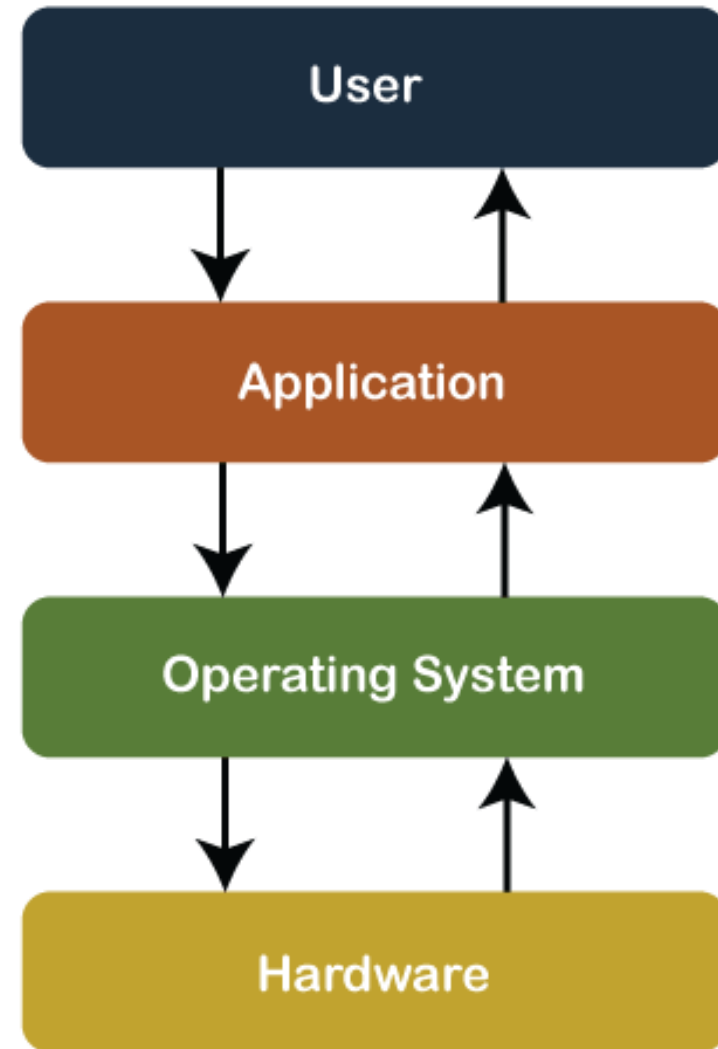
System software



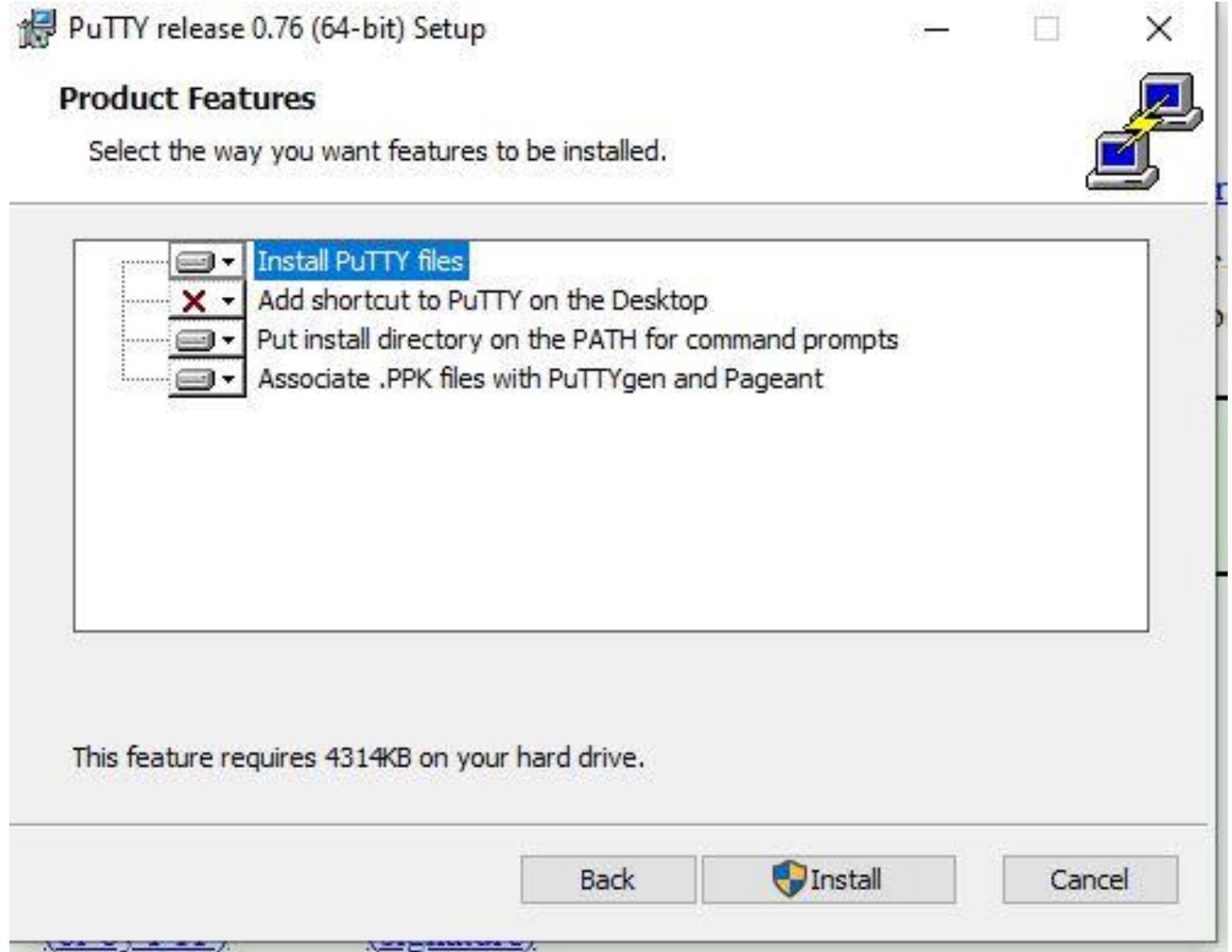
Application software



Operating
system



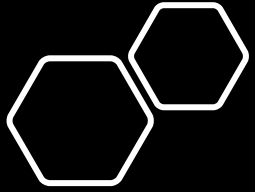
Download vs
install



```
mirror_mod = modifier_ob.  
set mirror object to mirror.  
mirror_mod.mirror_object =  
operation == "MIRROR_X":  
mirror_mod.use_x = True  
mirror_mod.use_y = False  
mirror_mod.use_z = False  
operation == "MIRROR_Y":  
mirror_mod.use_x = False  
mirror_mod.use_y = True  
mirror_mod.use_z = False  
operation == "MIRROR_Z":  
mirror_mod.use_x = False  
mirror_mod.use_y = False  
mirror_mod.use_z = True  
  
selection at the end -add  
mirror_ob.select= 1  
modifier_ob.select=1  
context.scene.objects.active  
("Selected" + str(modifier_ob.  
mirror_ob.select = 0  
= bpy.context.selected_object  
data.objects[one.name].select  
  
print("please select exactly  
  
-- OPERATOR CLASSES --  
  
types.Operator):  
X mirror to the selected  
object.mirror_mirror_x"  
mirror X"  
  
context):  
context.active_object is not None
```

Programming languages





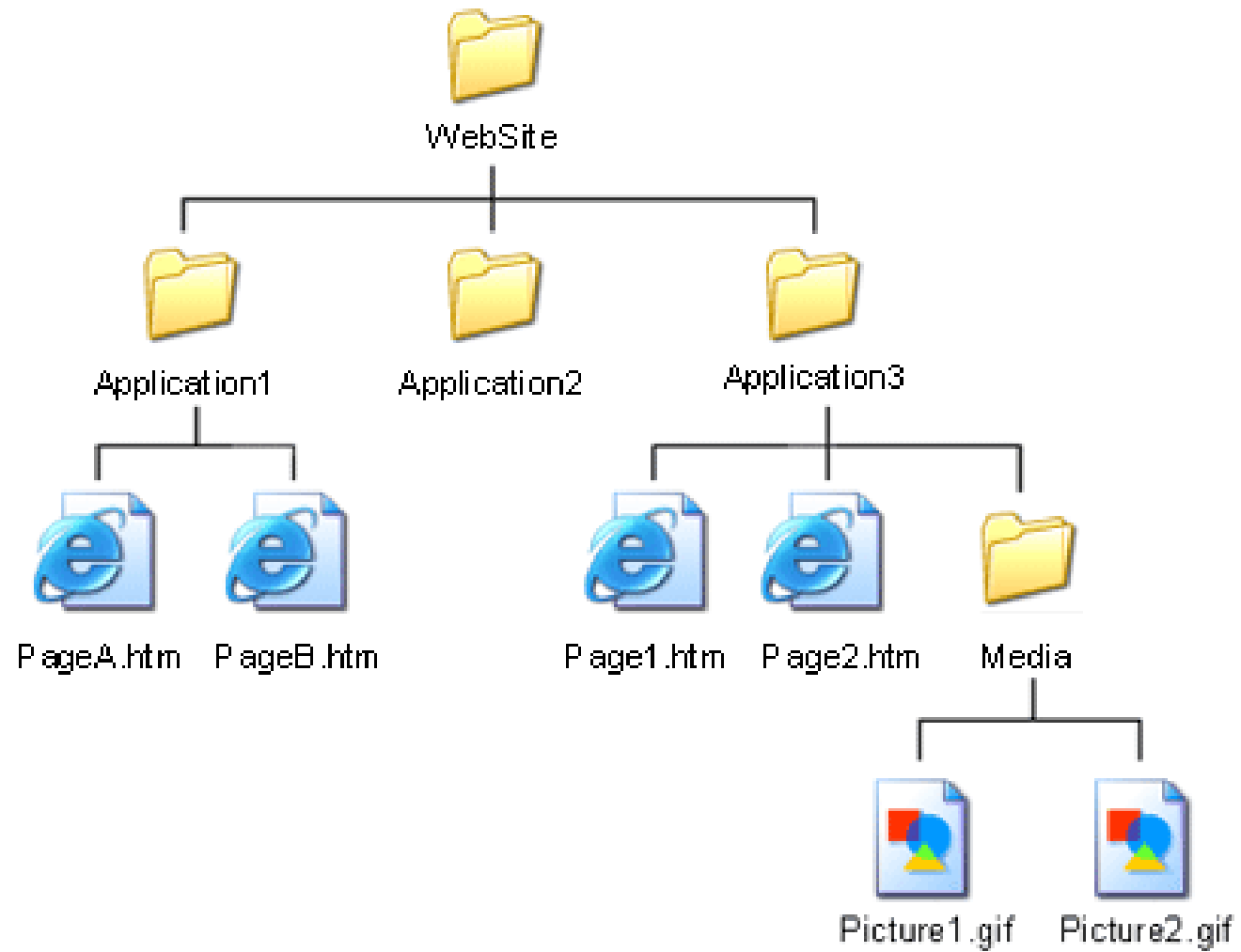
Files and Folders

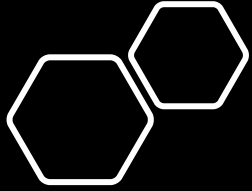
File: computer resource for storing data or information.

Folder: a collection of files.



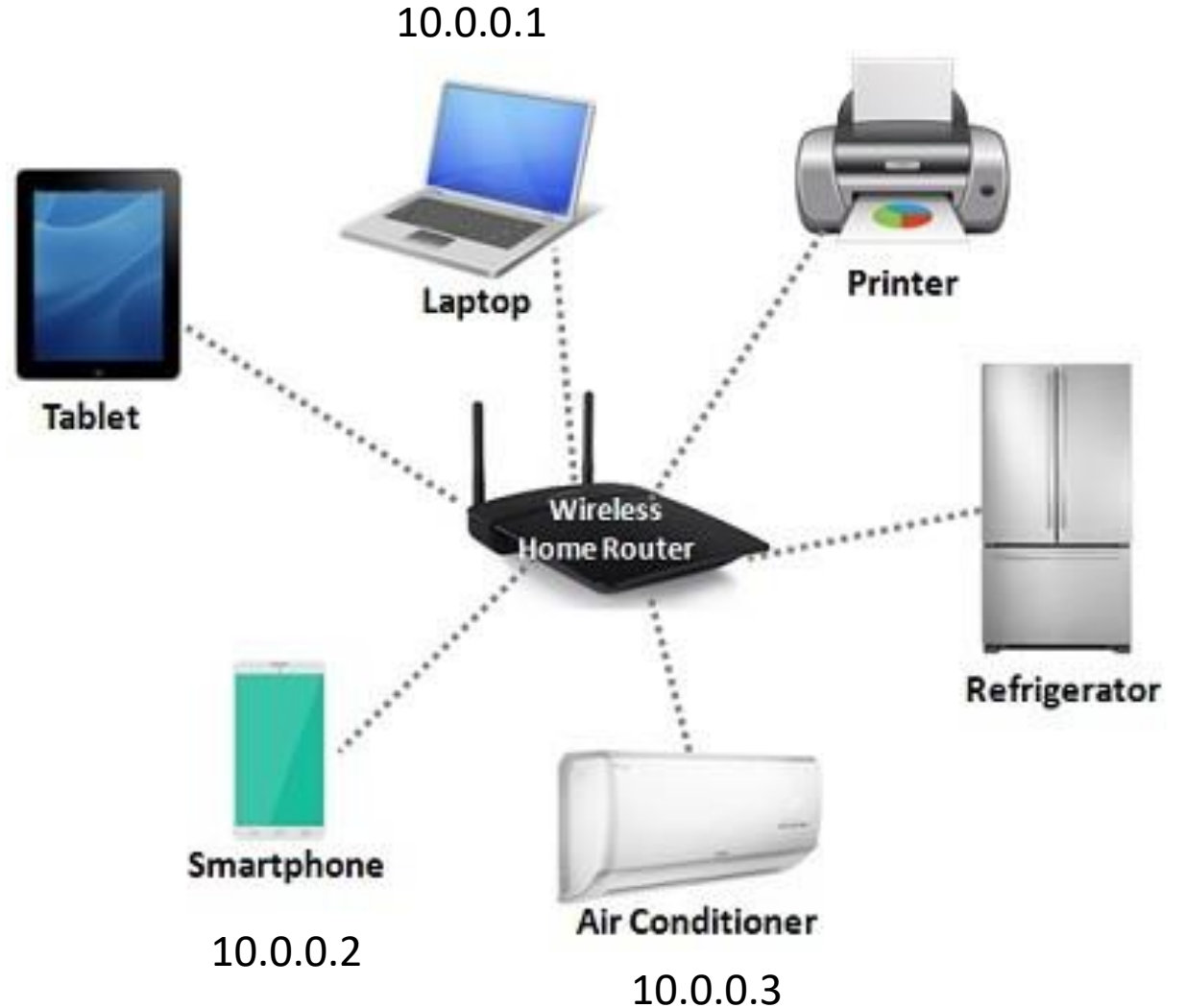
File path





Network

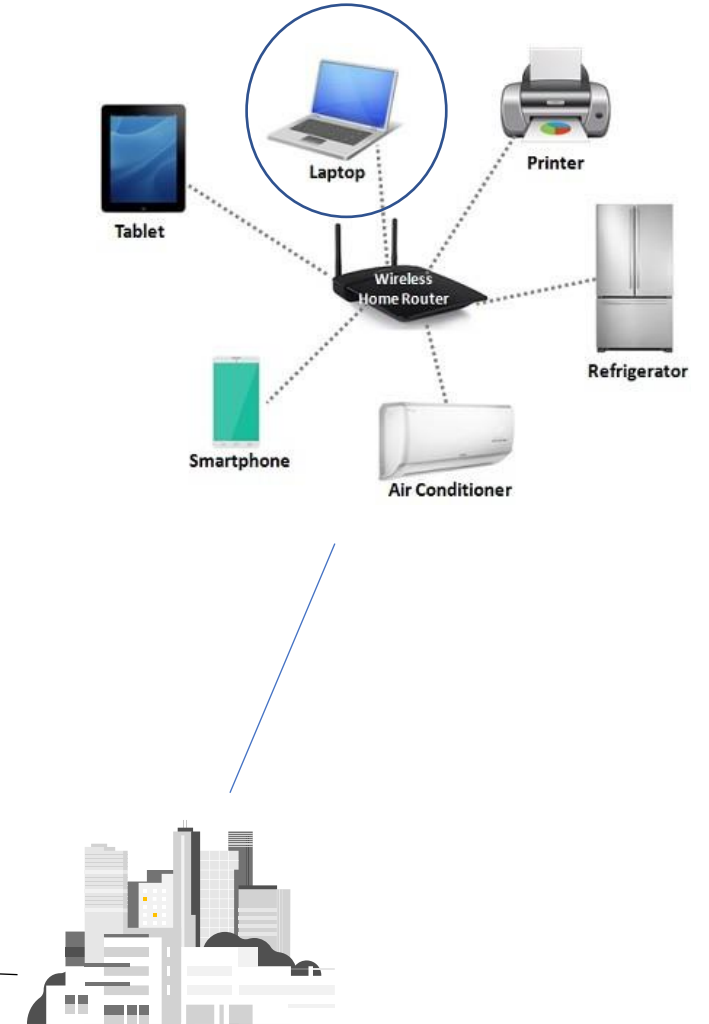
collection of computers and other electronic devices connected with each other to allow data sharing.



The internet

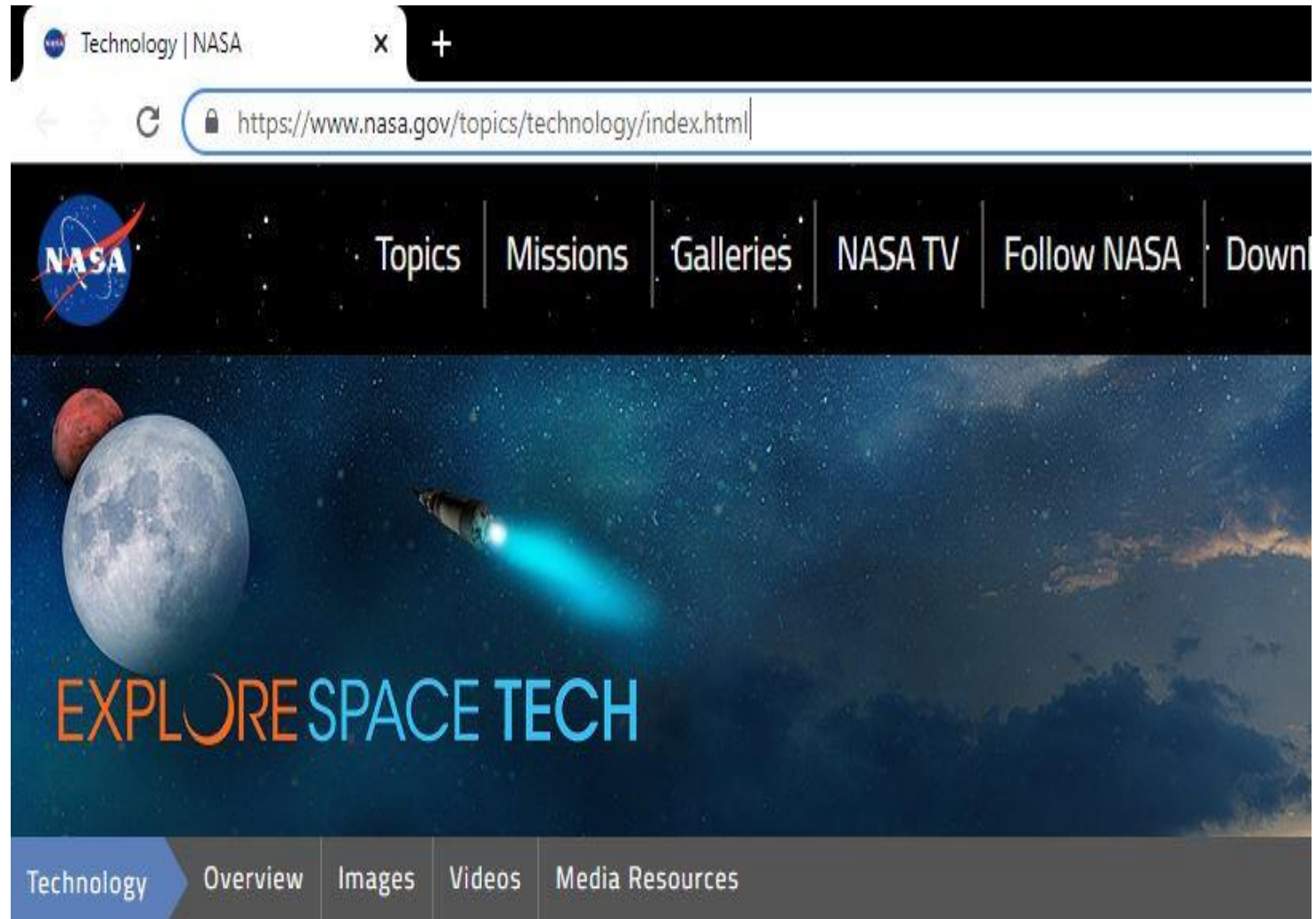
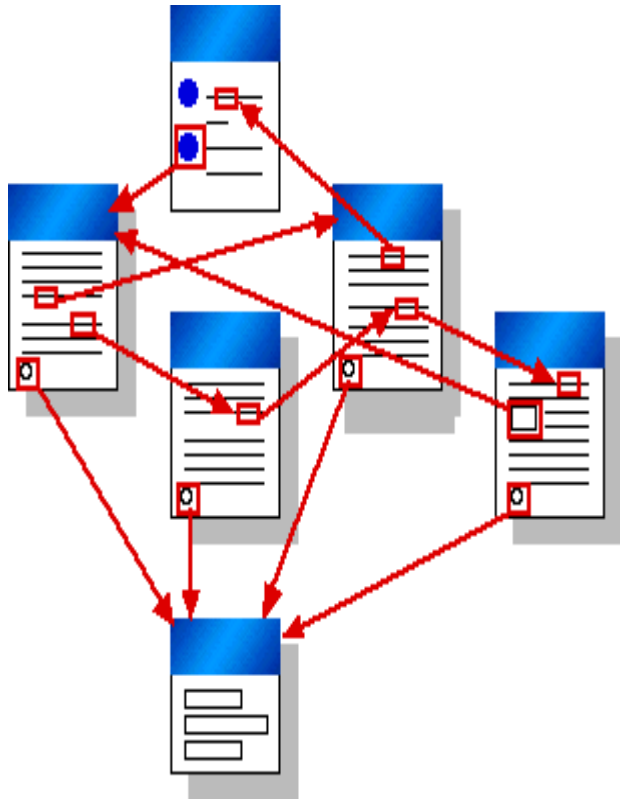


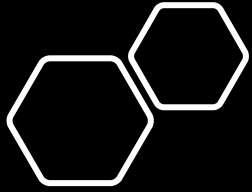
verizon[✓]




AT&T

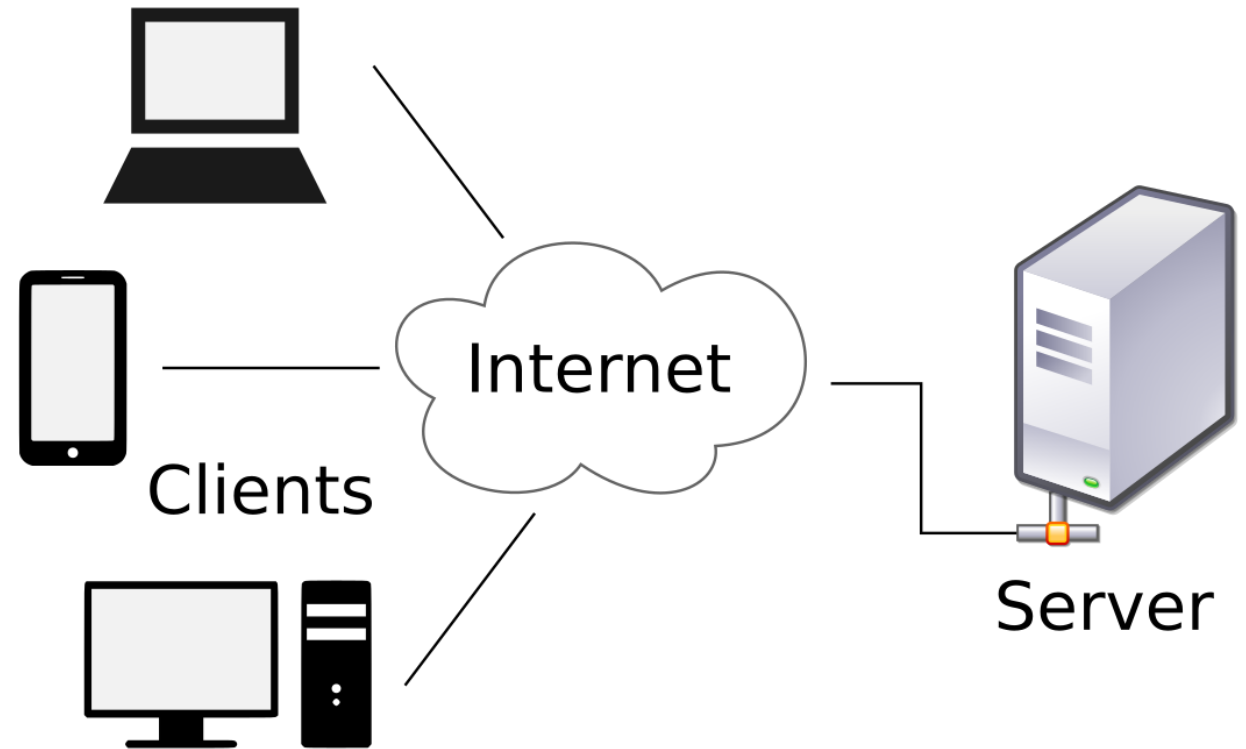
Internet vs Web(WWW)





Server

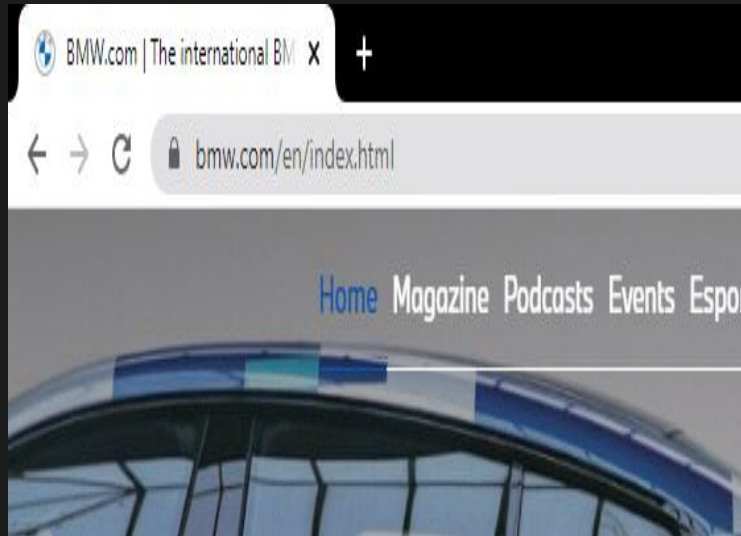
- a computer with powerful resources used for serving data to other computers/devices



Game Server



Web server



Email Server

