

ELASTIC Compute Cloud(EC2)



2





SPS
Cloud
M



EC2 Instance families

- **General Purpose**
 - Balanced memory and CPU
 - Suitable for most applications
 - Ex. M3, M4, T2

EC2 Instance families

- Memory Optimized
 - More RAM/memory
 - Memory intensive apps, DB, and caching
 - Ex. R3, R4

EC2 Instance families

- **Compute Optimized**
 - More CPU than memory
 - Compute & HPC intensive use
 - Ex. C2, C4

EC2 Instance families

- **GPU compute instances**
 - Graphics Optimized
 - High performance and parallel computing
 - Ex. G2
- **Storage Optimized**
 - Very high, low latency, I/O
 - I/O intensive apps, data warehousing, Hadoop
 - Ex. I2, D2

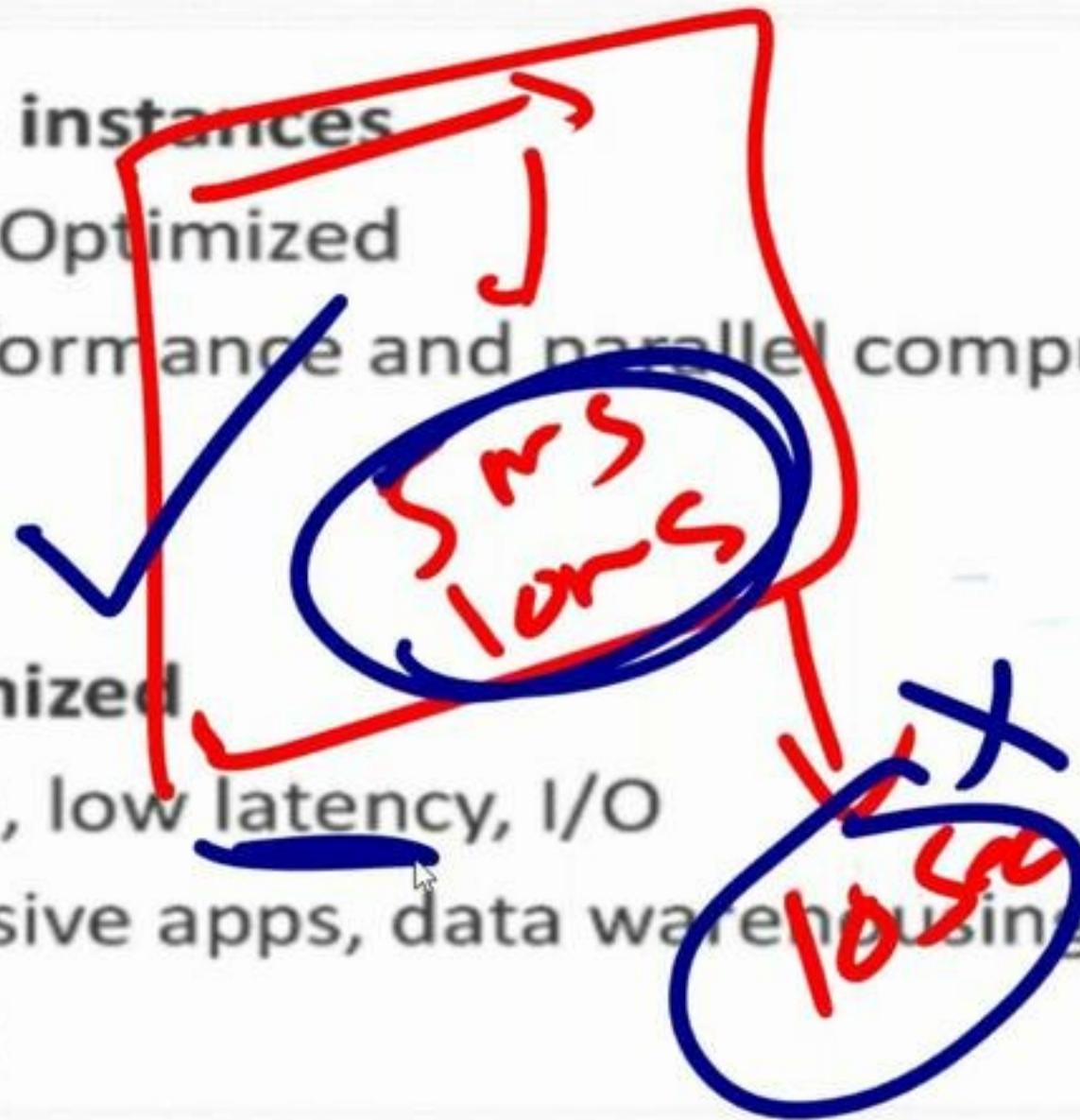
Handwritten notes:
A blue circle around "GPU" is connected by an arrow to a blue circle around "Kame".
The word "Kame" is circled in blue.
The word "Kame" is written in blue cursive.

EC2 Instance families

- GPU compute instances
 - Graphics Optimized
 - High performance and parallel computing
 - Ex. G2
 - Storage Optimized
 - Very high, low latency, I/O
 - I/O intensive apps, data warehousing, Hadoop
 - Ex. I2, D2
- Handwritten red annotations:*
- A red arrow points from the word "yes" (written above the arrow) to the underlined phrase "Very high, low latency, I/O".
 - Another "yes" is written to the right of the arrow.

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Elastic Compute Cloud (EC2)

- EC2 Service provides resizable compute capacity in the cloud
- You get root/administrative access to your EC2 Instance (SSH/RDP)

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- EC2 SLA is 99.95% for each region during any monthly period (Approx 22min per month DT)
- You can provision your EC2 Instance on shared or dedicated Hosts (Physical server)

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98 99

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Wishlist

99.95
.99

Elastic Compute Cloud (EC2)

600 to 900

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99.95
99.99%

H.L
C.L

W.F
C.L

Elastic Compute Cloud (EC2)

- To access an EC2 Instance you require a Key pair
- When you launch a new EC2 Instance you can create a Private Public key pair
- You can download the private key **Only Once**



Recycle Bin



54.248.190.234



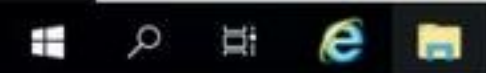
Hostname: EC2AMAZ-O3ERT9M
Instance ID: i-09d8acce7e51a2498
Public IP Address: 54.248.190.234
Private IP Address: 172.31.40.28
Instance Size: t2.micro
Availability Zone: ap-northeast-1a
Architecture: AMD64
Total Memory: 1024 MB
Network Performance: Low to Moderate



Start typing to search
for apps, files, and
settings.



Type here to search



ENG IN 10:54 AM 4/3/2021



Recycle Bin



54.248.190.234



Filters







Best match

 **Computer Management**
Desktop app

Apps

 This PC
 Settings
 Control Panel

Settings

 View your PC name
 See if you have a 32-bit or 64-bit version of Windows
 Taskbar notification area
 Choose which apps can access your file system
 Device performance & health
 Change braille input table type

 computerManagement

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Recycle Bin



EC2
Feedback



EC2
Micros...



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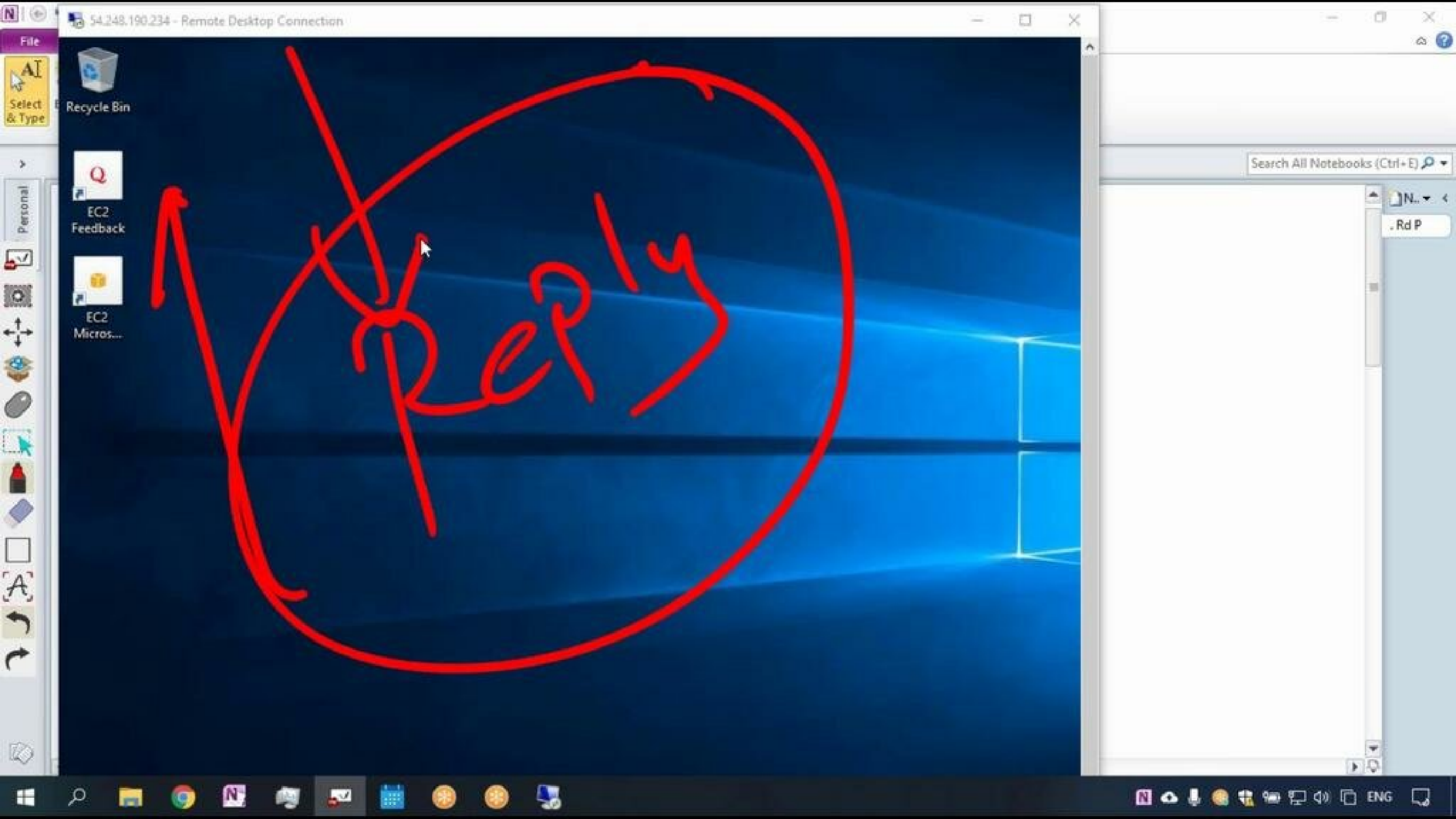


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C10.2 → 10/10/20

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Recycle Bin



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Filters

Best match

 **Windows Defender Firewall**
Control panel

Settings

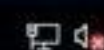
-  Check firewall status
-  Allow an app through Windows Firewall
-  Firewall & network protection
-  Security at a glance

Apps

 Windows Defender Firewall with Advanced Security

firewa

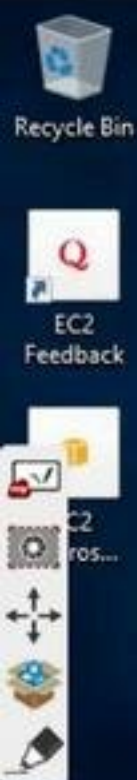
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ENG
US

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4/3/2021





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Administrator: Command Prompt - ping google.com -t

```
Microsoft Windows [Version 10.0.17763.1817]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>ping google.com -t

Pinging google.com [216.58.197.206] with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Request timed out.
```



