

Amazon Elastic Compute Cloud (EC2)

- Amazon computing service: a virtual computer is called an *instance*
- Many different kinds of instance: general purpose, memory-optimized, compute-optimized, GPUs, etc.
- There's generally a full instance size, and you can have $1/2^n$ of it
 - Four a1.large is the same as one a1.2xlarge
 - Two a1.2x large is the same as one a1.4xlarge

	vCPU	ECU	Memory (GiB)	Instance Storage (GB)	Linux/UNIX Usage
General Purpose - Current Generation					
a1.medium	1	N/A	2 GiB	EBS Only	\$0.0255 per Hour
a1.large	2	N/A	4 GiB	EBS Only	\$0.051 per Hour
a1.xlarge	4	N/A	8 GiB	EBS Only	\$0.102 per Hour
a1.2xlarge	8	N/A	16 GiB	EBS Only	\$0.204 per Hour
a1.4xlarge	16	N/A	32 GiB	EBS Only	\$0.408 per Hour
a1.metal	16	N/A	32 GiB	EBS Only	\$0.408 per Hour