# What is CAL?

CAL enables many people to safely use the same server at the same time.



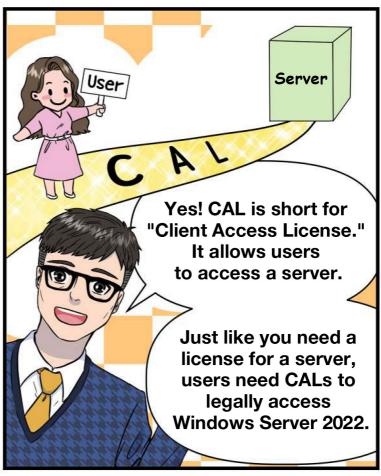


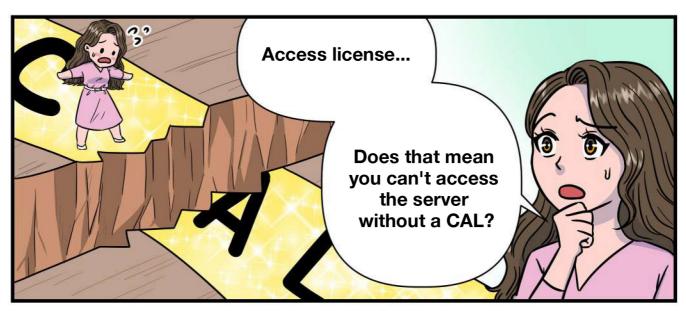


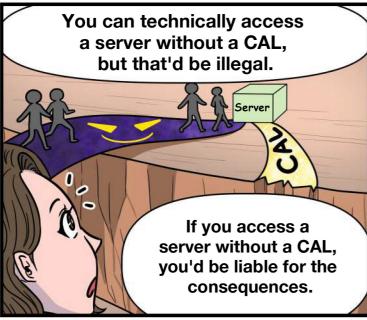


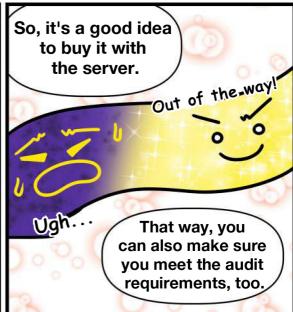


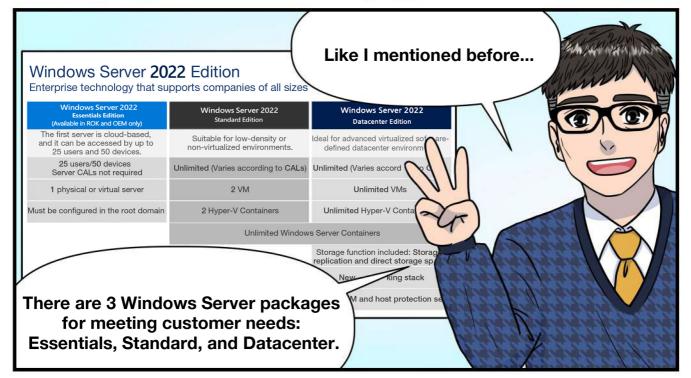


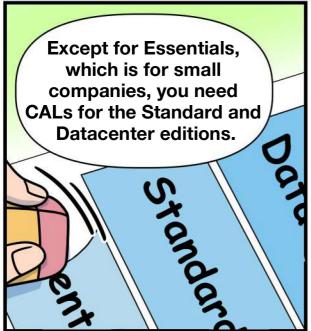


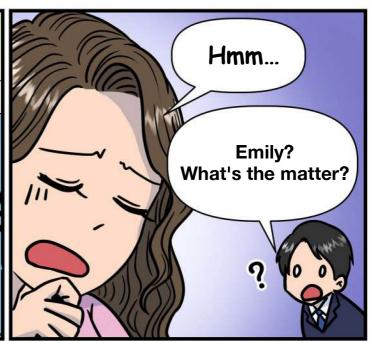


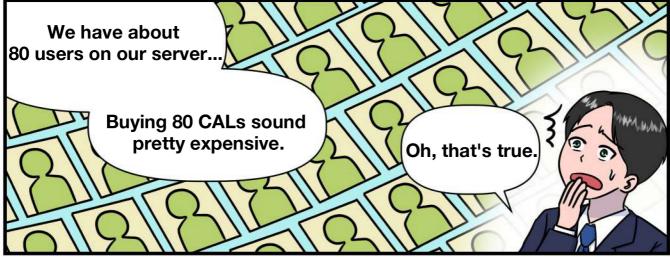




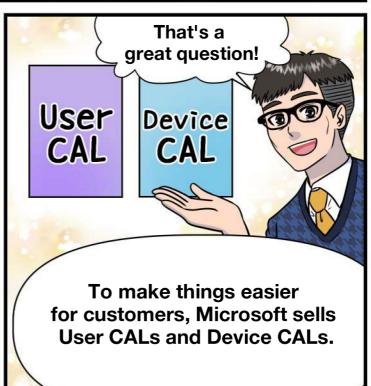


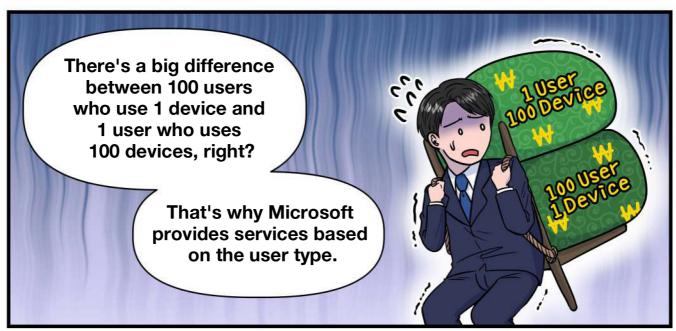


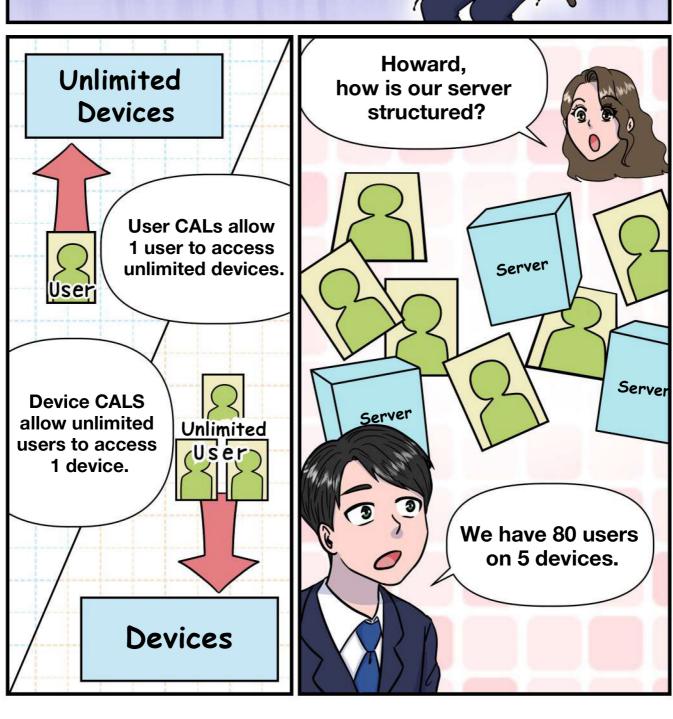


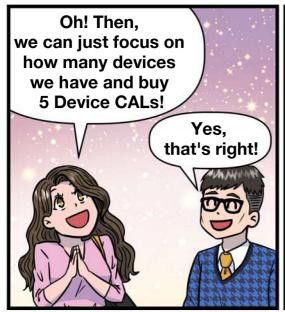


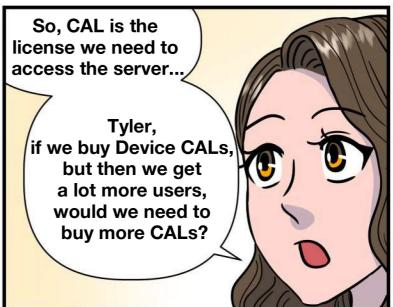




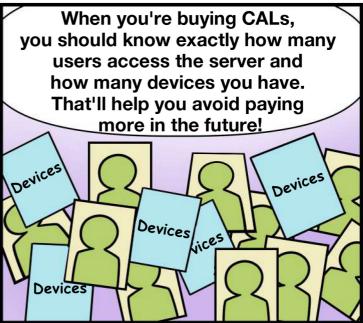


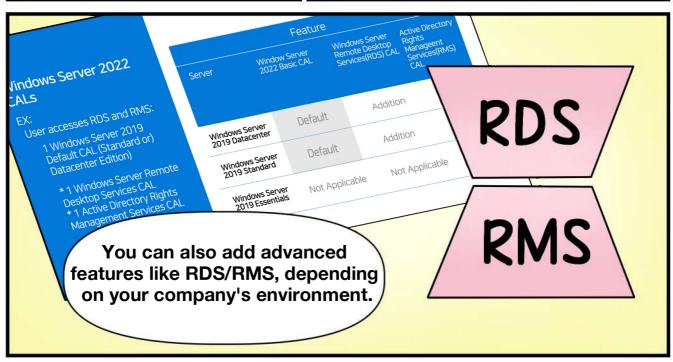






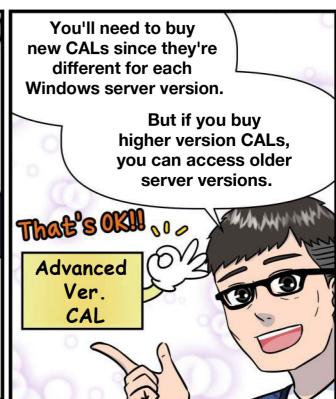








We're not making a new purchase.
We're just migrating
an existing server.
Do we still need to buy new CALs?
Can't we just use the CALs
from the olde version?









### **Client Access Licenses (CALs)**

When a customer buys Windows Server 2022, they receive a server license that allows them to be installed on the OS on one computer. A server license by itself does not provide the legal right to allow others to connect to that computer, whether they work for the company or not. Instead, each employee or employee's device requires a Client Access License (CAL) to connect to Windows Server 2022 Standard or Datacenter editions.



#### **User CAL**

Single user with unlimited devices

Ideal for companies with employees who need to have roaming access to the corporate network using multiple devices, as well as from unknown devices.



#### **Device CALs**

Single device with unlimited users

Ideal for companies with multiple users for one device, such as shift workers.



#### **RDS CALs**

Required for remote desktop access

Ideal for companies with users that need to access programs or the full desktop remotely.

### Windows Server 2022 CALs

#### Example:

User with RDS and RMS access requires:

1 Windows Server 2022 base CAL (Standard or Datacenter)

+1 Windows Server Remote

Desktop Services CAL

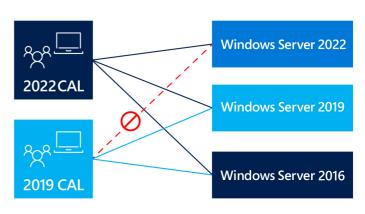
+1 Active Directory Rights Management Services CAL

	Functionality		
Server	Windows Server 기본 CAL	Windows Server Remote Desktop Services(RDS) CAL	Active Directory Rights Management Services(RMS) CAL
Windows Server 2022 Datacenter	Base	Additive	Additive
Windows Server 2022 Standard	Base	Additive	Additive
Windows Server 2022 Essentials	N/A	N/A	Additive

### **CALs** are version-specific

CALs are required to access any instance of Windows Server and must be purchased separately.

- Windows Server 2016 CALs provide access to Windows Server 2016 or any previous version.
- CALs from any previous Windows Server version, only work for that version or any previous version.





### Windows Server 2022 licensing FAQ

#### Are CALs required for access to Windows Server 2022 Standard and Datacenter editions?

Yes. Each user or device must have a Client Access License (CAL). Each server accessed by external users must have an External Connector (EC) license.

#### Which access licenses do I use to access Windows Server 2022?

Internal users or devices require CALs (one per user). External users or devices need ECs (one per server). Advanced functionality access requires additive CALs or ECs.

#### Are there any exceptions to the CAL and EC requirements?

Yes. No CAL or EC is required for access by another licensed server when accessing web or high performance computing (HPC) workloads.

#### What are the differences between base and additive licenses?

Base licenses provide access to standard functionality in Standard and Datacenter editions. Additive licenses provide access to advanced server functionality like Windows Server RDS and Windows Server Active Directory RMS.

#### Do I need a separate CAL to access advanced server functionality?

Yes. Advanced functionality such as Windows Server RMS and Windows Server Active Directory Management Services require additive licenses.

#### Are premium services CALs the same as Additive CALs?

Yes. Additive CALs are sometimes referred to as "premium" or "premium services" CALs. The terminology was updated to be more descriptive and reduce confusion with online services.

## Do I need more than one Additive CAL per user or device to access the same functionality running on more than one server?

No. Only one user or device Additive CAL is needed to use the services on any number of your licensed servers. For example, a Remote Desktop Services User CAL permits one user to access Remote Desktop Services functionality on any of your licensed Windows Server operating systems.

#### Are all CALs licensed in the same way?

Please consult the Microsoft Product Terms to find full information about the different Microsoft Client Access Licenses usage rights.

#### Can a single-server product have multiple Additive CALs?

Yes. A single-server product can have multiple Additive CALs. An example of this is Windows Server, which has Windows Active Directory Rights Management Services as well as Remote Desktop Services, each of which requires separate device and/or user CALs if used by a customer.

