Types of servers and their purpose

# Match each type of server with the correct description of its purpose.

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| **Type of server** |  | **Purpose** |
| Application server |  | Used for hosting web applications. It allows users to access applications without having to install them on their computers. |
| Database server |  | Used for hosting a database so that it can be accessed by users over a network. |
| File server |  | Used for sharing files over a network. |
| Web server |  | Used for hosting webpages. Web content is delivered to end users over the internet via a web browser. |
| Domain Name Server (DNS) |  | Used to convert domain names to the IP addresses needed to locate resources on the internet. |
| Mail server |  | Used for sending and receiving email communications. |
| Virtual server |  | Used to replicate the functionality of a physical server. There can be many such servers running on the same physical server, which allows for separation of services without the need for multiple pieces of hardware. |
| Print server |  | Used for receiving and processing printing requests to networked printers. |



## Explorer Task

Why are servers important? What types of organisations use servers and for what purpose?

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| Servers control access to a network, they are used to host websites, to provide access to printers and to send and receive emails.  Multiple organisations use servers and for multiple purposes. For example, a college may use a print server to manage print jobs sent by lecturers and students. |