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| Module Code | DWD 501-V1 | Module Title | Networking Activity |
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# Networking Activity

For this activity you will write 2 sentences minimum on each bullet point briefly summarizing what they are and how they are used in day to day

* **WLAN -** [**https://www.zenarmor.com/docs/network-basics/what-is-wlan**](https://www.zenarmor.com/docs/network-basics/what-is-wlan)

A Wireless Local Area Network or WLAN for short is a wireless network that allows two or more devices to connect to a local area network wirelessly. An example of WLAN being useful would be in a workplace, where instead of lining wires and cables everywhere, WLAN can help you connect and roam on site.

* **SAN -** [**www.vmware.com/topics/storage-area-network-san**](https://www.vmware.com/topics/storage-area-network-san)

A Storage Area Network or SAN for short is a dedicated, independent high-speed network system that interconnects shared pools of storage device to multiple different servers. San is used when you need a storage system accessible throughout your network, that acts just like a local disk.

* **HAN-** [**www.geeksforgeeks.org/introduction-of-home-area-network-han/**](https://www.geeksforgeeks.org/introduction-of-home-area-network-han/)

The Home Area Network or HAN for short is a network in a given user’s house where all smart appliances and digital devices, like computers and smartphones are connected into a network. This allows communication between digital devices within a home connected to the same home network.

* **CAN -** [**www.geeksforgeeks.org/overview-of-campus-area-network-can/**](https://www.geeksforgeeks.org/overview-of-campus-area-network-can/?ref=header_outind)

Campus Area Network or CAN for short is a group of interconnected LAN (local area networks) within a limited area such as a campus, or corporate building. CAN cover a rage of around 1 to 5km range and is generally larger than LAN but smaller than MAN (Metropolitan Area Network). CAN is used to connect multiple buildings in an area and provide them internet.

* **VPN-** [**www.geeksforgeeks.org/introduction-to-virtual-private-network-vpn/**](https://www.geeksforgeeks.org/introduction-to-virtual-private-network-vpn/?ref=header_outind)

Virtual Private Network or VPN for short provides inline privacy by building a private network from a public internet connection. VPN hides your internet protocol address, so your online activity becomes near untraceable. VPN can be used for safe online activity, or bypass geographic restrictions online.

* **GAN -** [**https://aws.amazon.com/what-is/gan/**](https://aws.amazon.com/what-is/gan/)

Generative Adversarial Network or GAN for short is a learning architecture that trains two neural networks to train against each other to generate new data. An example of this could be generating new images from a preexisting image database.

* **EPN -** [**https://www.investopedia.com/terms/e/epn.asp**](https://www.investopedia.com/terms/e/epn.asp)

An Electronic Payments Network or EPN for short is a financial “clearinghouse” that manages electronic fund transfers. EPN can be used to process recurring payments as well as one off transfers.

* **PAN** [**https://www.cloudflare.com/learning/network-layer/what-is-a-personal-area-network/**](https://www.cloudflare.com/learning/network-layer/what-is-a-personal-area-network/)

Personal Area Network or PAN for short is used to connect devices within an immediate area, generally having a range from about a centimetre to a few meters. A use of PAN would be connecting a Bluetooth device to a smartphone, or a laptop to a printer.