

Bandwidth Options: Unmetered & Metered Bandwidth

Do you need a bandwidth option with no overage charges? TsunamiNET's Unmetered Bandwidth options help you manage your costs through the predictability of a fixed monthly charge for bandwidth consumption. This option is perfect for those who do not know how much ingress and egress traffic they will have. At the same time TsunamiNET's flexible options will allow you to rapidly scale services to suit the changing dynamics of e-Business and accommodate growth.

Unmetered means you can use as much bandwidth/transfer as needed without ever worrying about bandwidth overages or extra charges. We don't monitor or meter your usage so you can use as much as you need. The maximum amount of transfer is limited only by the connection you are signed up for. Metered means we are monitoring your usage and you are responsible for any overages. Unlimited is a common untruth because you are actually limited by your speed that's why we prefer to clarify as Unmetered .

As an example, TsunamiNET's 10Mbps Unmetered Connection at full capacity is capable of transferring about 6000GB of data in a month.

(10 Mbps) * 2,592,000 seconds = 3,164.0625 Gigabytes. This formula is calculating the maximum amount of data you could transfer in 30 days (2,592,000 seconds) per direction (ingress or egress) using a TsunamiNET dedicated bandwidth connection. TsunamiNET provides its customers with full duplex dedicated connections the theoretical maximum amount of data that could be transferred would be double this or: 3,164 Gigabytes * 2 = 6,328 Gigabytes of transfer.

NOTE: Each packet sent has information about itself stored along with your data, generally referred to as overhead so the maximum amount of actual data you are able to transfer will be the total amount capable minus the overhead.

All TsunamiNET bandwidth options utilize multi-homed, full duplex connections to multiple Tier One providers. At TsunamiNET all Internet connections are "dedicated" not shared. There is no over allocation of customer service switches in our network. Each customer receives their bandwidth as allotted regardless of what bandwidth other customers use. For more information about any of the following options please speak to one of our sales representatives

Most of TsunamiNET's new servers (US) come standard with the 10Mbps dedicated Unmetered Bandwidth connection where the ZA servers come with 2Mbps Unmetered Bandwidth.

Why then should a choose a South African server if the USA bandwidth is more and cheaper ? Simple, if the majority of your traffic is South African (or SADC) choose the ZA option, as the latency will be less (faster). If the Majority of your traffic is international choose the US option. Another note for RSA ADSL users, is that even if your cap is reached you will still have high speed access to the ZA servers (as Local ICASA regulations state that local bandwidth may not be capped on the ADSL service)

Dedicated Unmetered and Metered Bandwidth Options: 2Mbps Unmetered Connection If the majority of your traffic is South African (or SADC) choose the ZA option, as the latency will be less (faster). As it is unmetered it is not capped, nor charged for. This option also gives you high speed access via ADSL even when your international cap is reached.

Dedicated 10Mbps Unmetered Connection The 10Mbps connection is TsunamiNET's most robust unmetered bandwidth offering for our US based servers. Providing a full dedicated 10Mbps ingress and egress transfer, this option is recommended for high traffic hosting and content providers requiring unparalleled performance and capacity without the worries normally associated with this level of bandwidth usage. 10Mbs Unmetered bandwidth are also available on the ZA servers at an additional cost. **Dedicated 100Mbps "Metered" Connection** For enterprise and other high demand, high performance needs, TsunamiNET can provide a multi-homed, full-duplex 100Mbps dedicated access port. This option is only available on the US based servers, due to some bandwidth constraints in SA. For more information about these options and the latest bandwidth pricing please contact us on +27 12 332 5029

Quick Definitions: Multi-homed Used to describe a host connected to two or more networks. TsunamiNET uses BGP routing to do best path routing between multiple National and Global carriers. Full Duplex Refers to the transmission of data in two directions simultaneously. E1A term taken from telecommunications. It is a popular option for businesses connecting to Internet. TsunamiNET uses layer 3 router/switches to simulate E1 connectivity to dedicated hosts in its data centres. Ingress Incoming Traffic Egress Outgoing Traffic