NAT Terminology Disambiguation

NAT Terminology Disambiguation

If you've made it here, then at this point you should have a solid understanding of each of the four types of translation that can exist: Static NAT, Static PAT, Dynamic PAT, and Dynamic NAT. Moreover, you have an understanding of Policy NAT and Twice NAT, which are simply two different ways of implementing the four types of NAT.

The definitions and examples provided in this article series encompass every type of address translation that can possibly exist. That said, for marketing efforts, most vendors use their own distinct terminology to refer to each type of NAT we have discussed.

The purpose of this article is to provide a single page which lists all the types of address translation and what each vendor calls them. In the future, each vendor term will also link to a configuration guide for that specific vendor's syntax and implementation.

This article is a part of a series on Network Address Translation (**NAT**). Use the navigation boxes to view the rest of the articles.

Network Address Translation

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- Policy NAT and Twice NAT
- **NAT Terminology Disambiguation**

NAT Disambiguation Table

	Static NAT	Static PAT	Dynamic PAT	Dynamic NAT
RFC 2663	Static Address Assignment	Realm Specific Address and Port IP	Network Address Port Translation (NAPT)	Basic NAT
Wikipedia	Full Cone NAT	Full Cone NAT	Symmetric NAT	Address Restricted Cone NAT
Cisco Routers	Static NAT	Static PAT	Dynamic PAT	Dynamic NAT
Cisco ASA/ASA-X	Static NAT	Static PAT	Dynamic PAT	Dynamic NAT
F5 LTM	NAT	Virtual Server	SNAT	n/a
Juniper	Static NAT	Static NAT with Port Mapping	Source NAT	Source NAT with Disable PAT Argument

Know the terminology that another vendor uses?
Mention it in the comments below so they can be added to the table!

Series Navigation

Policy NAT and Twice NAT >>

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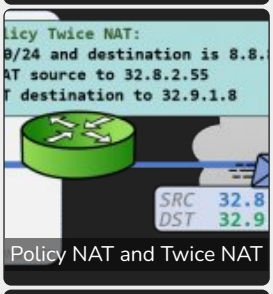
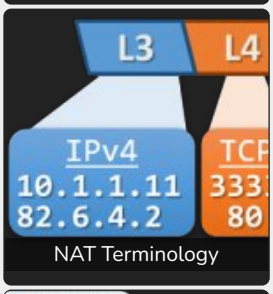
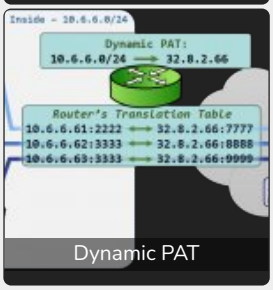


Policy NAT and Twice NAT



NAT Terminology



Dynamic PAT

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I came across your website, while looking for some answers. You have a wonderful way of explaining complex

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Nat also is wonderfully explained.

Regards,
RJ

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Superb document on NAT and other basic networking documents, You have explained it very smoothly.

Regards,
Kamlesh

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of any message boards that cover the same topics talked about
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Kudos!

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> Hi Apteka, here are the communities I tend to frequent. I'm sure there are others.
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I'd like to find out more? I'd care to find out some additional information.

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Your website has the simplest presentation of network technology. Easy to grasp and understand.
I would like you to elaborate on DNS in detail the same way.
That would be really helpful.

Regards,

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Hi Atma,

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One could not possibly find any other resource that gives an elaborate and better explanation for these networking concepts. Thank you for explaining every concept in a detailed manner with simple and easy illustrations. This helped me a lot! Please keep posting new articles.

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Thank you for the kind words, Sivakumar =). Glad you enjoyed the articles.

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Ed, this is fantastic material. Lucid and clear. Thanks a lot.

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Ed Harmoush (@ed) Author

Reply to Gary 2 years ago

Hi Gary. Glad you enjoyed the content. Thank you for the kind words. =)

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All articles are veryyy AWESOME..!! If possible can you please create series on Cisco Nexus

0 Reply

joe

1 year ago

Sharing this website with all my coworkers.
Your explanation technique is wonderfully simple as others have stated.

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Ed Harmoush (@ed) Author

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Thanks Joe. I appreciate the shares =). Sorry it took so long to get back to you!

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As others said, your explanation is very good. Not too long but very to the point and VERY clear.
Also your graphics are very understandable...
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Arend, The Netherlands

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Thank you for the kind words, Arend. I'm glad you liked the articles and illustrations =)

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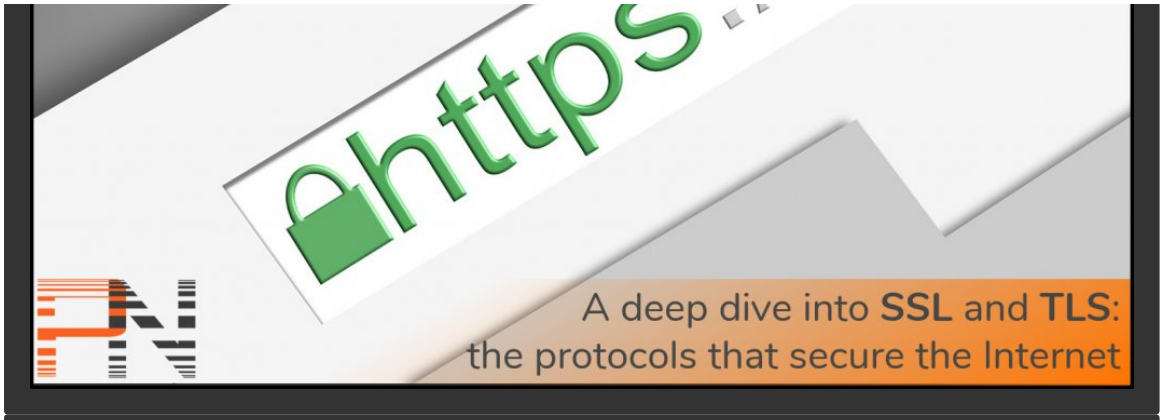

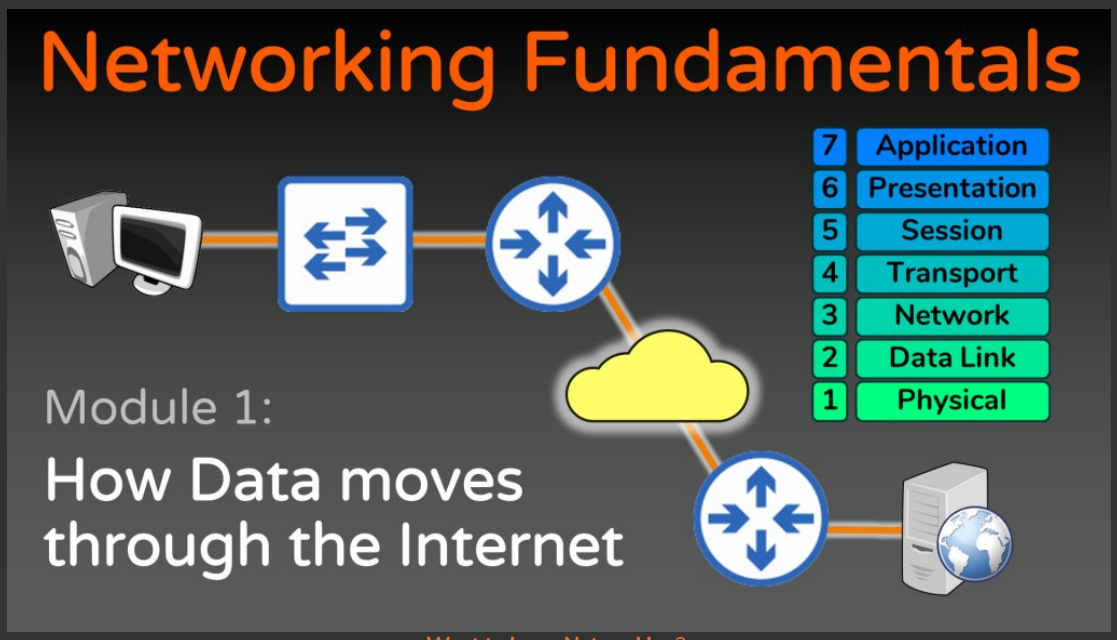

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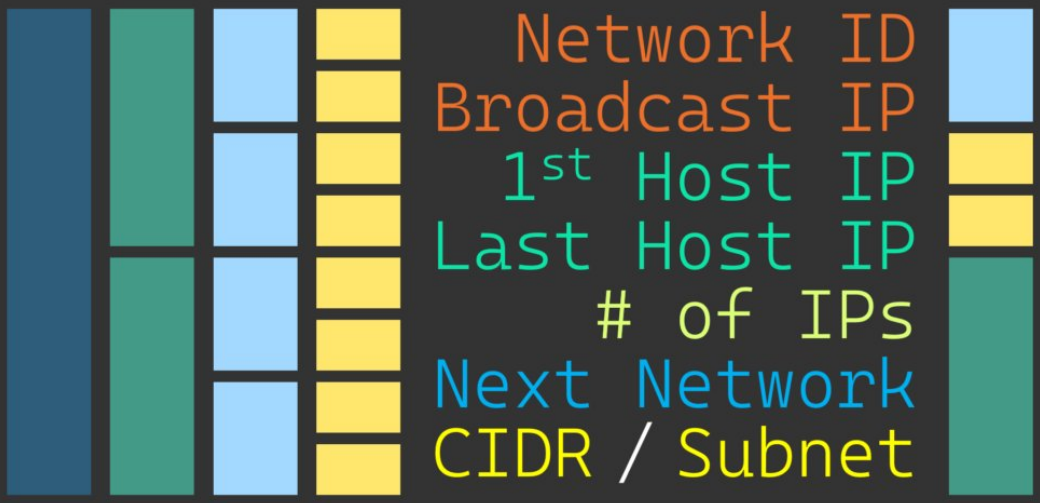

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