

XII Jornadas STIC CCN-CERT

Ciberseguridad,
hacia una respuesta y disuasión efectivas



Protección Frente a ataques de Denegación de Servicio

Preguntas online: www.menti.com
código : 14-08-22

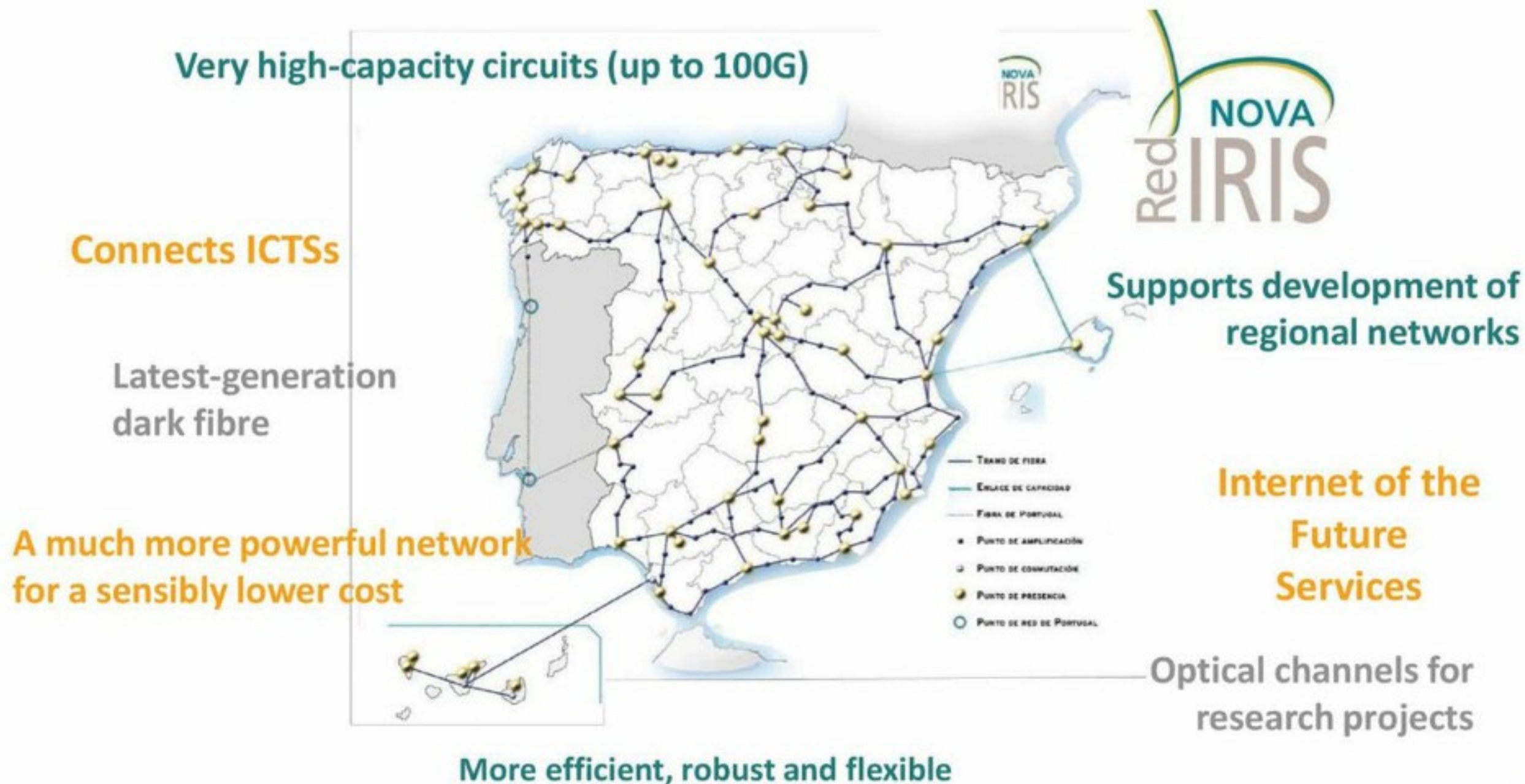


Foto ponente

- Francisco Monserrat
- RedIRIS – Red.es
- Francisco.monserrat (at) rediris.es



A top-level technological infrastructure in its field, which is set to provide advanced services for decades. A key tool for enabling remote collaboration among researchers and teachers, regardless of their geographic location.





BRINGING CIVILIZATION TO ITS KNEES...



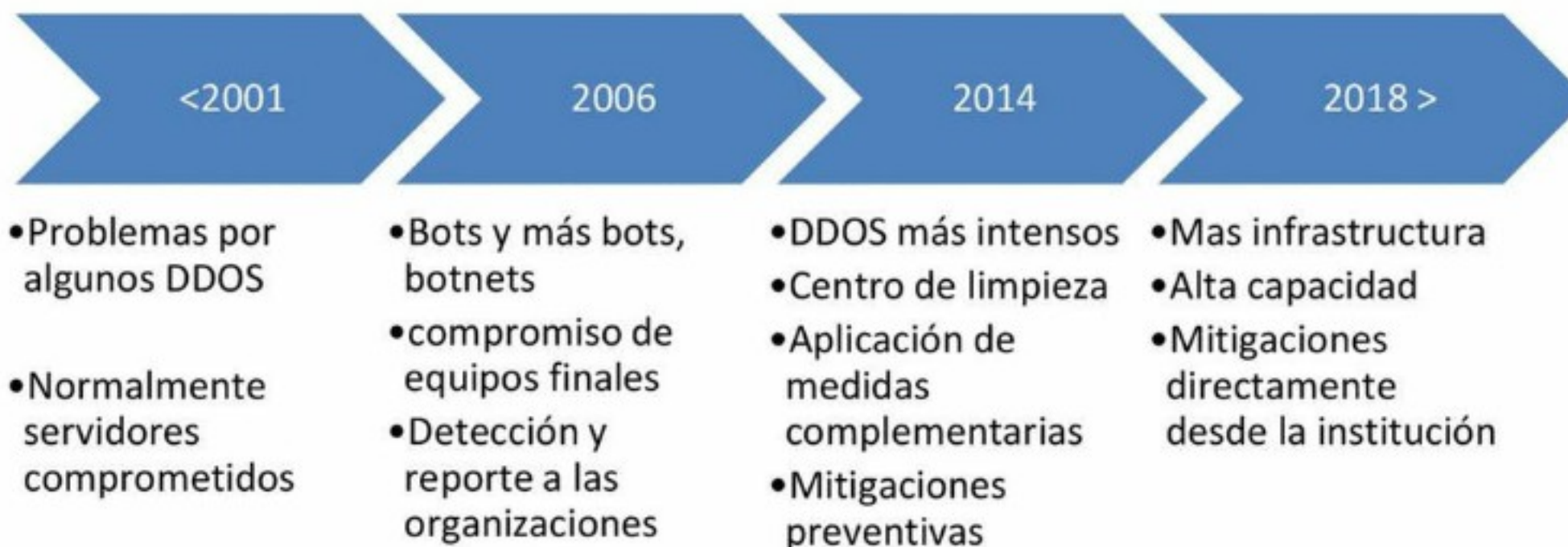
The Joy of Tech

by Nitrozae & Snaggy

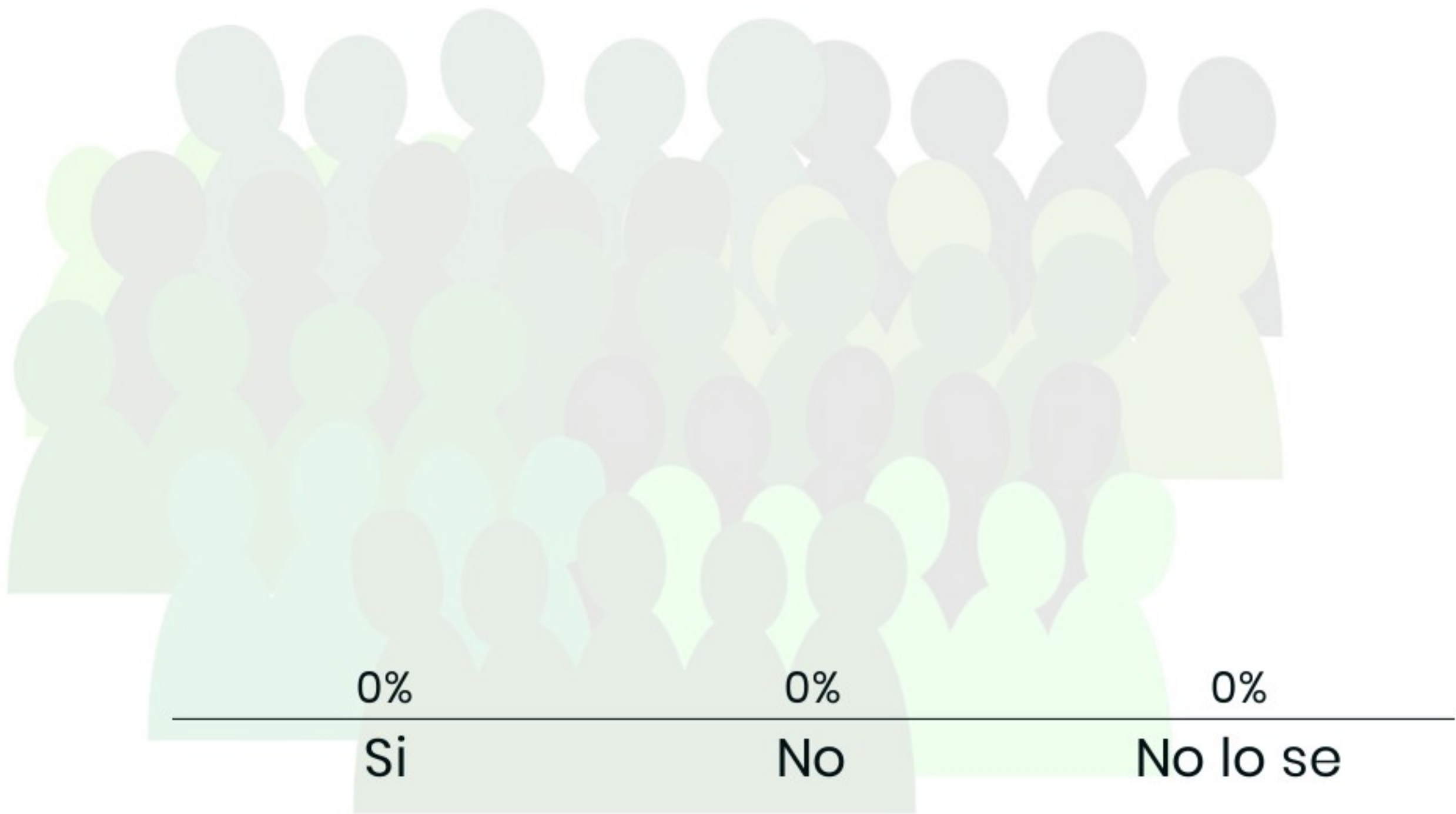


joyoftech.com





¿Has sufrido ultimamente un DDOS ?



¿En que sector te encuadas?



- Administración publica
- Educación y Universidades
- Empresa privada
- Empresa privada centrada en la seguridad
- Infraestructura crítica



¿por qué nos preocupan los DDOS ?

Collateral damage

From Wikipedia, the free encyclopedia

For other uses, see [Collateral damage \(disambiguation\)](#).



The examples and perspective in this article **deal primarily with the United States and do not represent a worldwide view of the subject**. You may [improve this article](#), discuss the issue on the [talk page](#), or [create a new article](#), as appropriate.
(March 2018) (Learn how and when to remove this template message)

Collateral damage is the deaths, injuries, or other damage inflicted on an unintended target. In American [military terminology](#), it is used for the incidental killing or wounding of [non-combatants](#) or damage to non-combatant property during an attack on a [legitimate military target](#).^{[1][2]} In US military terminology, the unintentional destruction of allied or neutral targets is called [friendly fire](#).



Merriam-Webster SINCE 1828 cure
 DICTIONARY THESAURUS

cured; curing

Definition of *cure* (Entry 2 of 3)

transitive verb

- 1
 - a : to restore to health, soundness, or normality
// cured him of a rare blood disease
 - b : to bring about recovery from
// cure a disease

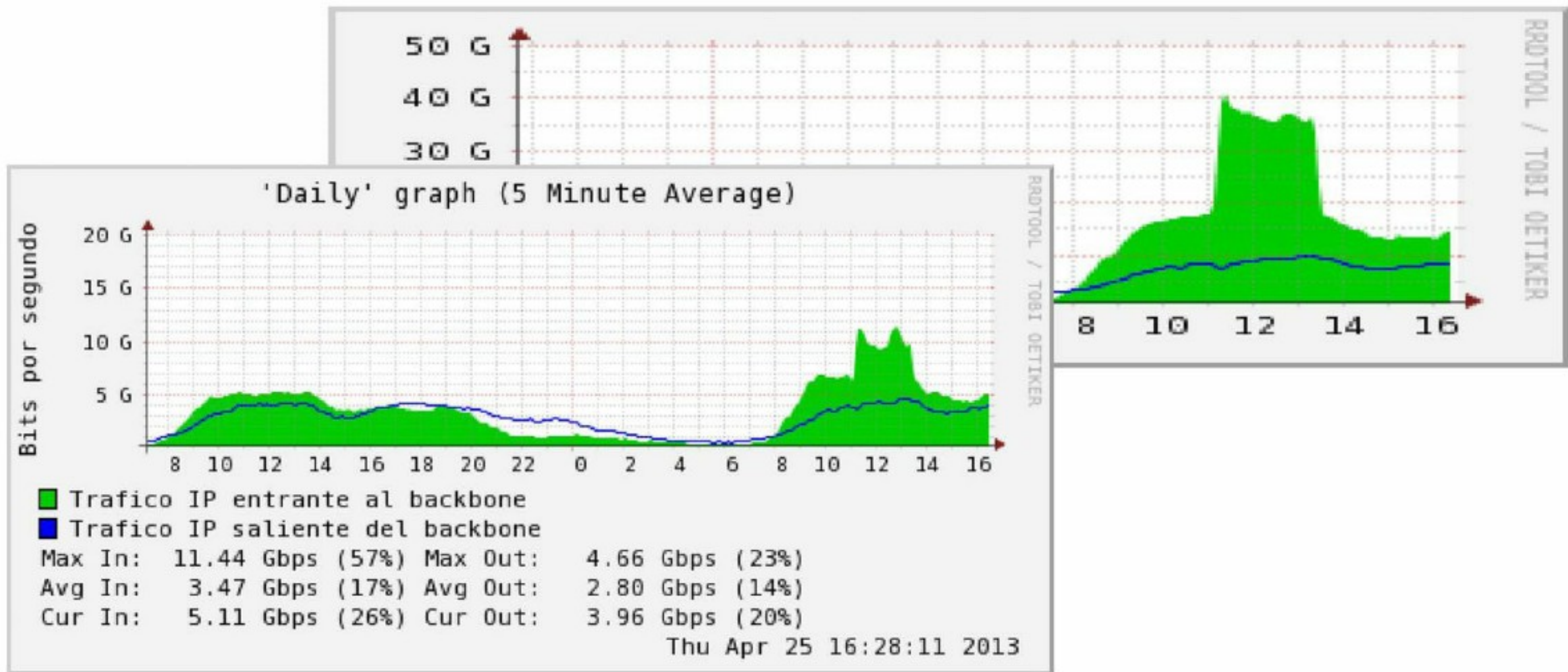
- 2
 - a : to deal with in a way that eliminates or rectifies
// ... his small size, which time would cure for him ...
 — William Faulkner
 - b : to free from something objectionable or harmful
// trying to cure him of a bad habit

Merriam-Webster SINCE 1828 mitigate
 DICTIONARY THESAURUS

transitive verb

- 1 : to cause to become less harsh or hostile : MOLLIFY
// aggressiveness may be mitigated or ... channeled
 — Ashley Montagu

- 2
 - a : to make less severe or painful : ALLEVIATE
// mitigate a patient's suffering
 - b : EXTENUATE
// attempted to mitigate the offense





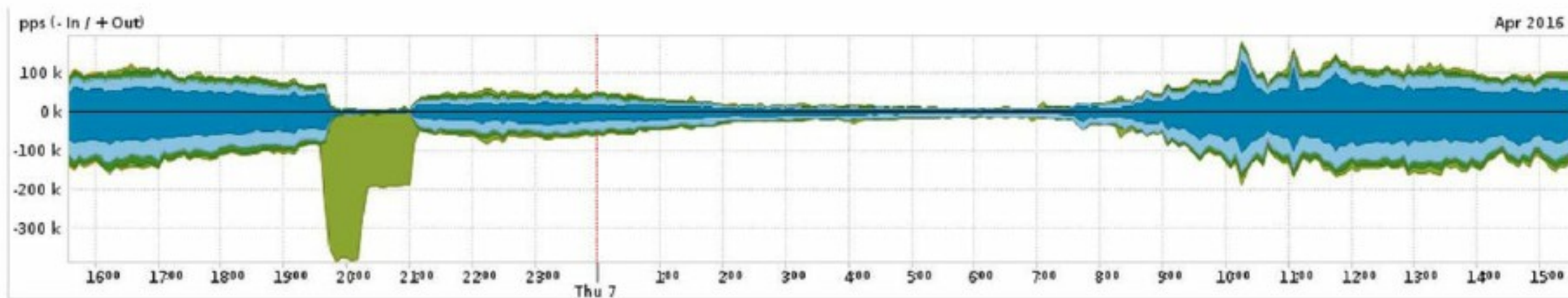
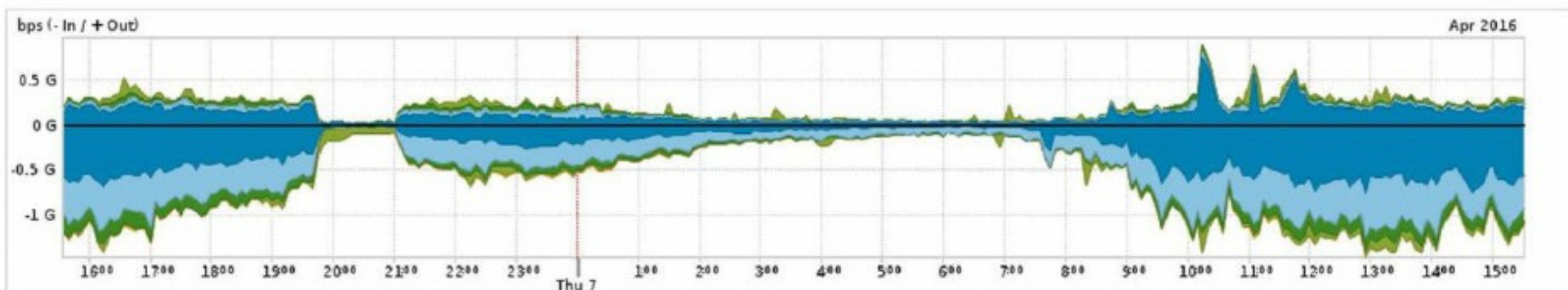
¿como detectais el ataque ? ?

- Redes Sociales
- Correlación en el SIEM
- Llamadas de usuarios
- Información desde fuera
- Analisis posterior de un problema



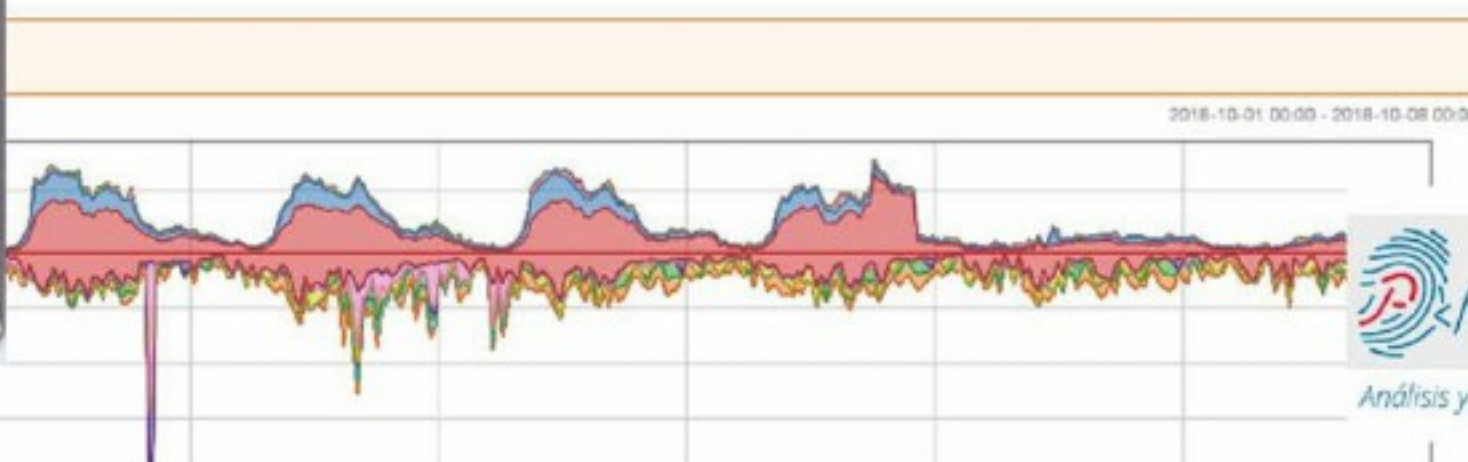


Ddos no volumetrico





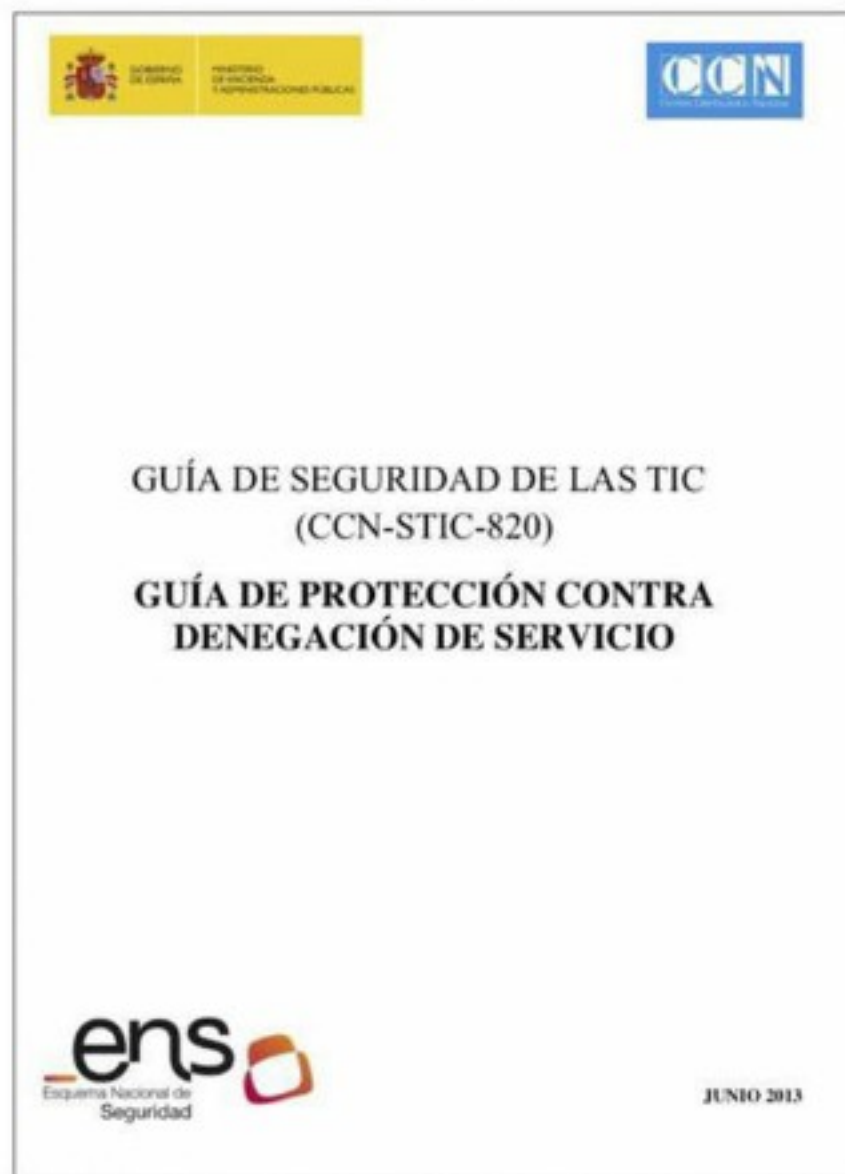
Conocete a ti mismo.





Conoce tus herramientas

SIN CLASIFICAR



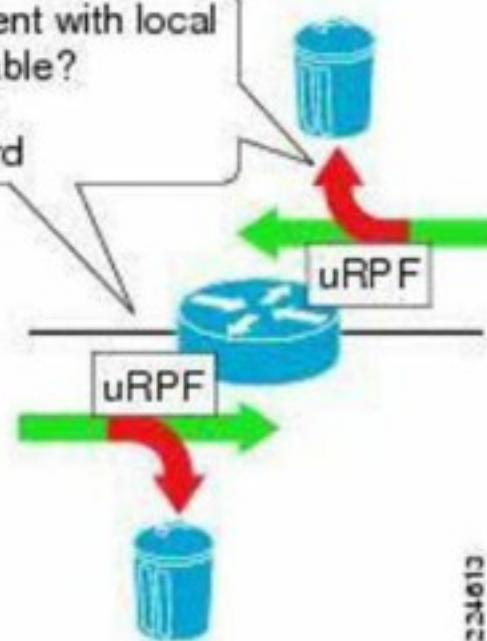
SIN CLASIFICAR



VS



Path consistent with local forwarding table?
Yes => Pass
No => Discard

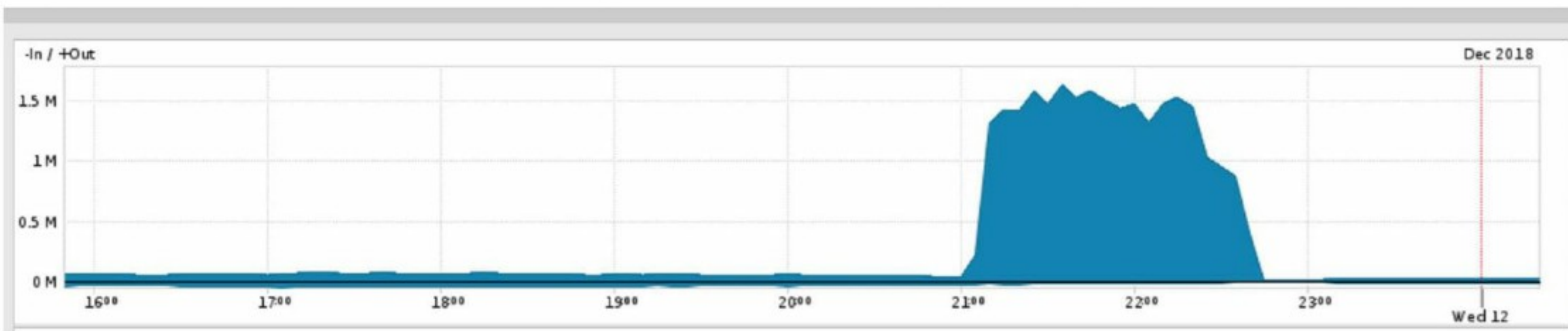
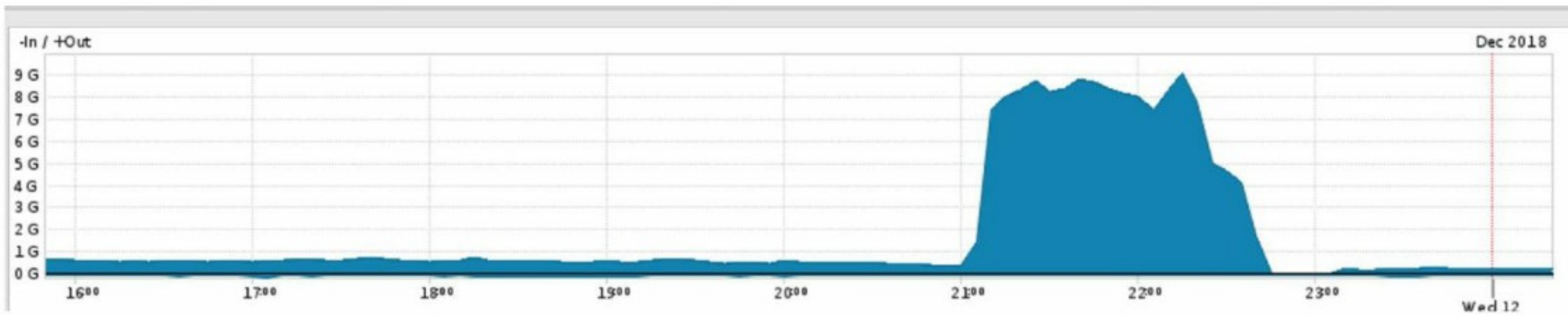


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¿Que hacer con los ataques volumétricos ?







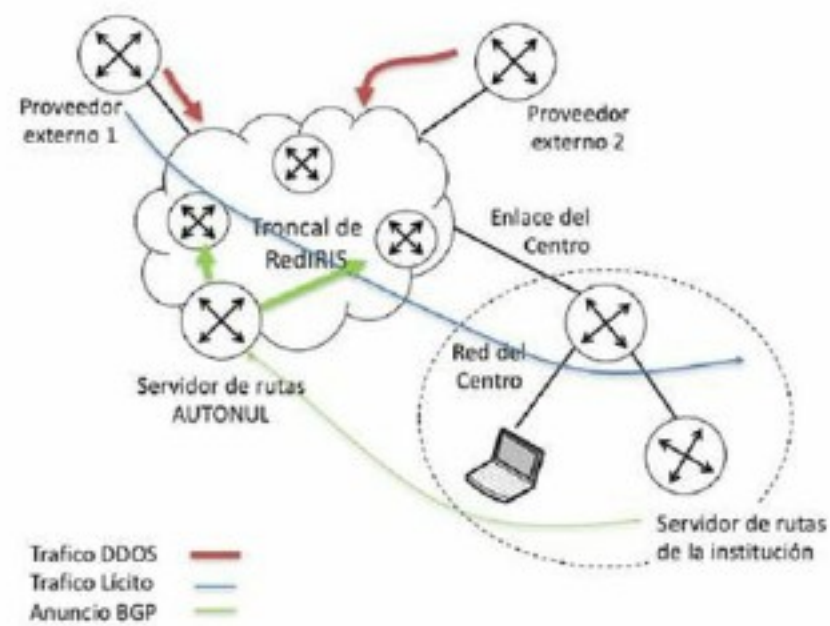
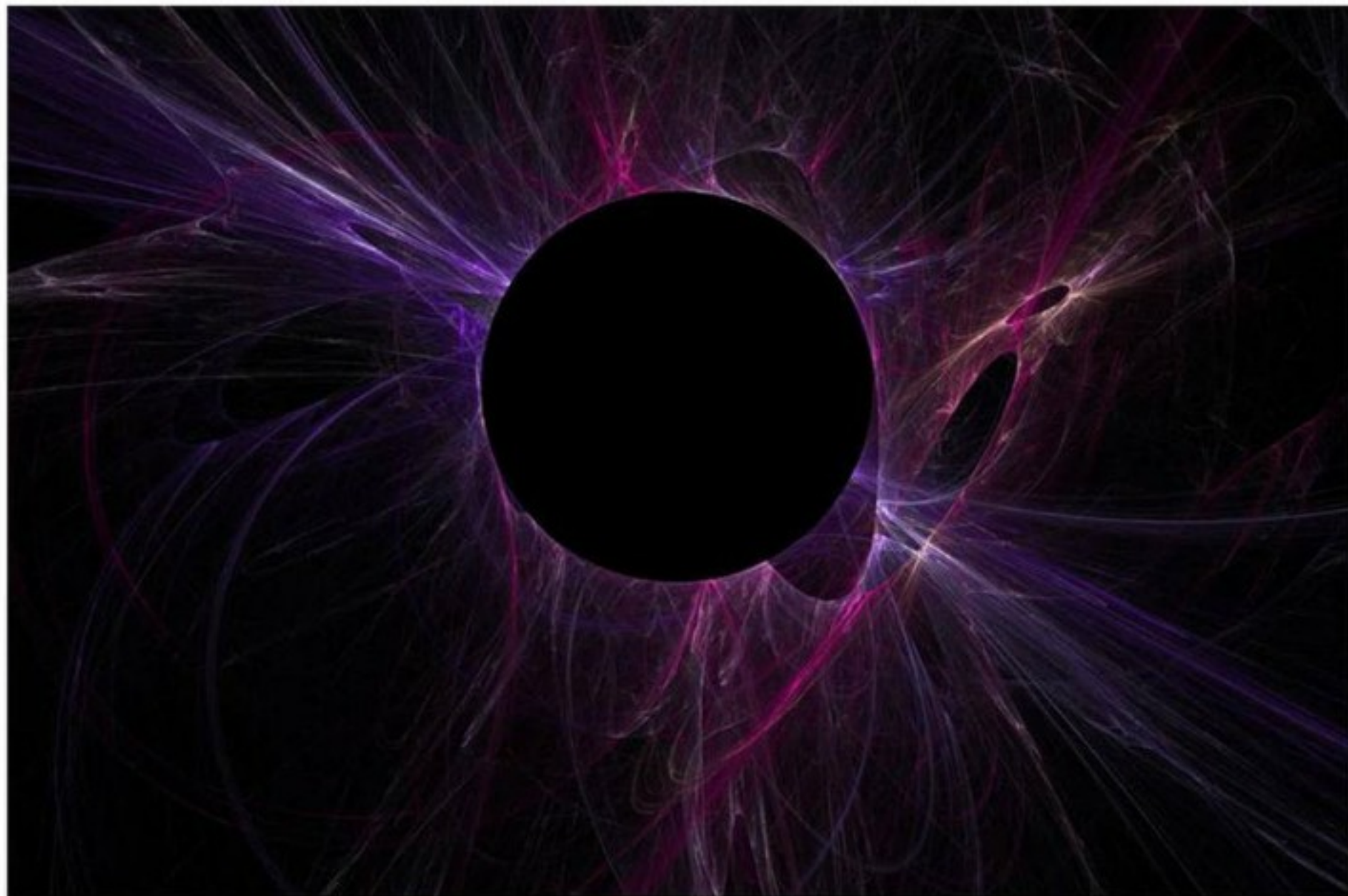
¿son todas las redes iguales ?



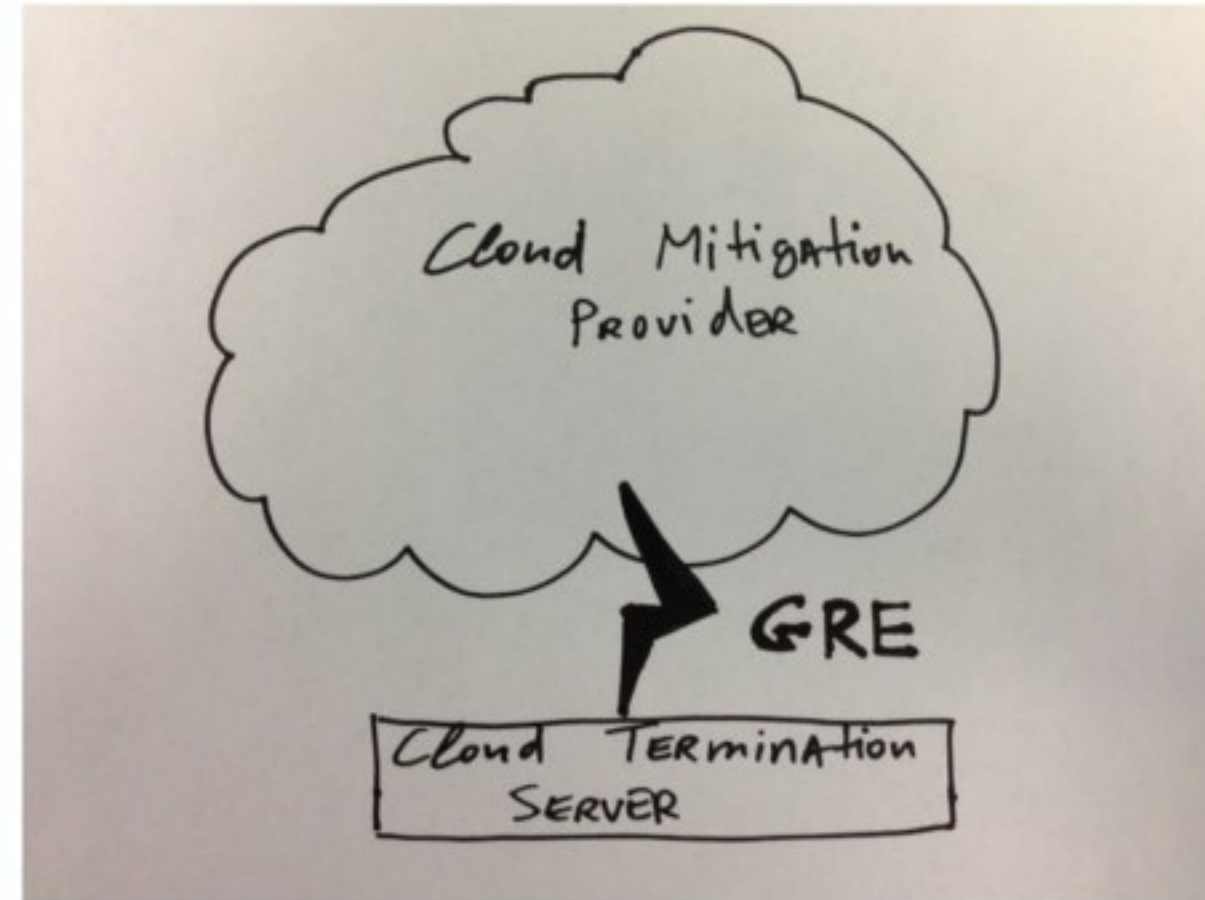
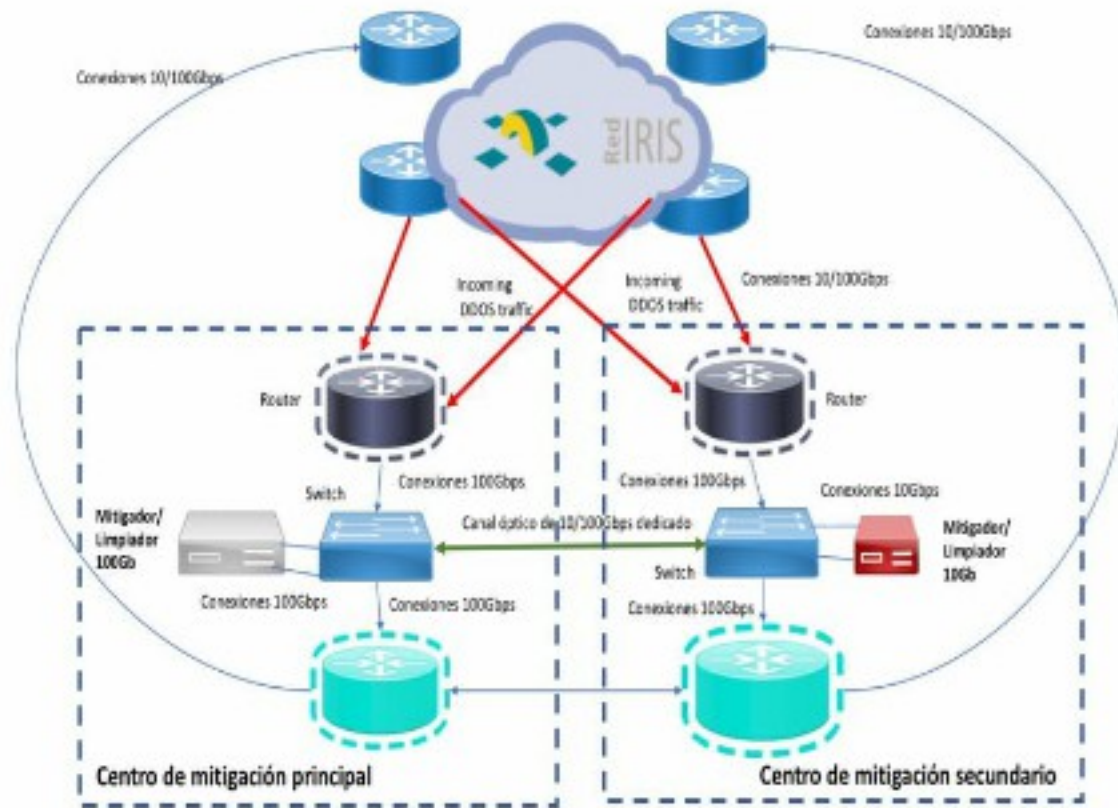
Ataque a un poblado romano



Blackhole



Centros de limpieza





Red IRIS

THANK YOU VERY MUCH!

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Websites

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➤ Síguenos en

