RED BUTTON
DDoS Experts

DDoS Courses

Introduction

In combat it is not enough to have only good planes, you must have excellent pilots. Similarly, an organization who wish to be ready for DDoS attacks, should not only acquire this or that mitigation system or service, but should also train its staff. Under an attack this personnel will be able to identify the attack and act effectively to successfully mitigate it.

Red Button DDoS Course is a framework to deliver DDoS awareness and DDoS maturity to security team.

There are two formats for the training:

- **Red Button DDoS Basic Training**
  - 2 days course (optional extra day)
- **Red Button DDoS Advanced Training**
  - 5 days
  - Participants will receive 'Red Button DDoS Associate' Certificate

Course Advantages

- ✓ Learn from best! Our staff is training not only organization but also the elite DDoS services team such as AT&T, Prolexic, Radware and more.
- ✓ All training combines both theoretical knowledge as well as practice knowledge including lab and "war games".

RED BUTTON
DDoS EXPERTS

Red Button DDoS BASIC Course 'RBDB'

(2 days)

Objectives

- Introduction to DDoS Attack including
- Introduction to DDoS mitigation technologies

Agenda

Day	Session	Training content
1	Morning	**Introduction to DDoS Attacks** SYN Flood, UDP flood, , DNS Reflective Flood, HTTP Flood, HTTPS and many more.
	Noon	**Wireshark Lab** Taking capture files, analyzing capture files, identifying attacks, measuring attacks volume
2	Morning	**Introduction to DDoS Mitigation** SYN Protection, Web Challenge, Geo-protection, behavioral/anodmlay protection, rate limit, signatures
	Noon	**War Games** Simulating Network attacks and mitigating them. **Summary** Final Test / Course feedback / Diploma award ceremony

OPTIONAL: Third Day

3	Morning	**Mitigation – Architecture** DDoS Architecture, how to be a smart consumer , setting DDoS KPI
	Noon	**War Games** Advanced War Games

RED BUTTON
DDoS EXPERTS

Red-Button DDoS Course Advanced 'RBDA'

(5 days)

Objectives

- In-depth knowledge on DDoS attack
- In-depth knowledge on DDoS mitigation technologies
- Combine theoretical knowledge with hands-experience

Agenda

Day	Session	Training content
1	Morning	**Network (Volumetric) DDoS Floods** SYN Flood, UDP flood, ICMP Flood, DNS Reflective Flood and many more.
	Noon	**Wireshark Lab – Network Floods** Taking capture files, analyzing capture files, identifying attacks, measuring attacks volume
2	Morning	**Network Mitigation technologies** SYN Protection, Geo-protection, behavioral/anodmlay protection, rate limit.
	Noon	**War Games** Simulating Network attacks and mitigating them.
3	Morning	**Application DDoS Floods** HTTP GET Slash flood, HTTPS, SSL-Renegotiation, R.U.D.Y. DNS attacks and more
	Noon	**LAB: Wireshark Lab – Application Floods** Running application attacks, taking capture files, analyzing capture files.
4	Morning	**Application Mitigation Technologies** Web Challenge, Signatures, DNS Challenge, and more.
	Noon	**War Games** Simulating Application attacks and mitigating them.
5	Morning	**Mitigation – Architecture** DDoS Architecture, cloud services versus appliances, how to be a smart consumer , setting DDoS KPI
	Noon	**Final Test** **Course feedback**

Diploma award ceremony: Red Button DDoS Associate (RBDA)

Trainers

Red Button 'DDoS BASIC Courses' (RBDB) instructors are comprise of a team of expert trainers. Our elite 'DDoS Course Advanced' (RBDA) is instructed only by our lead trainer and company CEO.

Ziv Gadot Bio

Ziv Gadot is Red Button's founder and CEO, a DDoS security services and consulting company. Prior to Red Button Gadot worked at Radware for 11 years. He had found and managed Radware's Emergency Response Team (ERT), a 24x7 response team the helps organizations under DDoS attacks. Prior to that he had worked at Check Point and Intel. Ziv has a BA in CS and MA in Philosophy. He is frequent speaker at security conferences and author of security reports. Ziv handled hundreds of DDoS attack and trains not only organization but also DDoS vendors and service providers including AT&T, Akamai-Prolexic, Radware, SecurityDam and more.

About Red Button

Red Button is a security services and consulting company. We prepare organization for DDoS attack from an architectural vendor-neutral point-of-view, and ensure that the organization conducts all the necessary steps to be prepared: gap analysis, DDoS Penetration test, technology selection, SOC training and emergency response.

Red Button was found in 2014 by Ziv Gadot, formerly Radware's Emergency Response Team (ERT) founder and manager. Gadot brings to Red Button the experience of handling hundreds of DDoS attacks including high-profile attacks on banks, stock exchanges, governments and more. For more info, see www.red-button.net.