UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

RADWARE LTD.

(Name of Issuer)

Ordinary Shares, par value NIS 0.10 per share (Title of Class of Securities)

M81873 10 7 (CUSIP Number)

December 31, 2009 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

o Rule 13d-1(b)

o Rule 13d-1(c)

x Rule 13d-1(d)

CUSIP No. M22013 10 2 13G		13G	Page 2 of 5 Pages
1.	NAMES OF REPORT	ΓING PERSONS	Zohar Zisapel
	I.R.S. IDENTIFICAT ABOVE PERSONS (Not Applicable.
2.	CHECK THE APPRC (a) o (b) O Not Applicable	OPRIATE BOX IF A	MEMBER OF A GROUP
3.	SEC USE ONLY		
4.	CITIZENSHIP OR PI	LACE OF ORGANI	ZATION
	Israeli		
		5.	SOLE VOTING POWER
NUM	BER OF		1,214,820
SHARES BENEFICIALLY OWNED BY		6.	SHARED VOTING POWER
EACH	I REPORTING ON WITH	7.	SOLE DISPOSITIVE POWER
			1,214,820
		8.	SHARED DISPOSITIVE POWER
9.	AGGREGATE AMO	UNT BENEFICIAL	LY OWNED BY REPORTING PERSON

1,214,820

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

0

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

6.42%*

12. TYPE OR REPORTING PERSON

IN

*Based on 18,925,842 Ordinary Shares that the Company advised were issued and outstanding (net of treasury stock).

Item 1(a).	Name of Issuer:
	RADWARE Ltd. (hereinafter referred to as the "Company).
Item 1(b).	Address of Issuer's Principal Executive Offices:
	12 Hanechoshet Street Ramat Hachayal Tel-Aviv 69710, Israel
Item 2(a).	Name of Person Filing:
	Zohar Zisapel
Item 2(b).	Address of Principal Business Office, or, if none, Residence:
	24 Raoul Wallenberg Street Tel Aviv 69719, Israel
Item 2(c).	Citizenship:
	Israeli
Item 2(d).	Title of Class of Securities:
	This statement relates to Ordinary Shares, par value NIS 0.10 per share (hereinafter referred to as "Ordinary Shares").
Item 2(e).	CUSIP Number:
	M81873 10 7
Item 3.	Identification of Persons filing pursuant to Rules 13d-1(b) or 13d-2(b) or (c):
	Not Applicable.
Item 4.	Ownership
(a)	Amount beneficially owned:
	As of December 31, 2009 Zohar Zisapel beneficially owned 1,214,820 Ordinary Shares, out of which (i) 402,168 Ordinary Shares are held by the Reporting Person, and (ii) 812,652 Ordinary Shares are held of record by Lomsha Ltd., an Israeli company controlled by the Reporting Person.

(b)	Percent of Class: 6.42%			
(c)	Number of shares as to which such person has:			
	(i) Sole power to vote or to direct the vote:			
	1,214,820			
	(ii) Shared power to vote or to direct the vote:			
	None			
	(iii) Sole power to dispose or to direct the disposition of:			
	1,214,820			
	(iv) Shared power to dispose or to direct the disposition of:			
	None			
Item 5.	Ownership of Five Percent or Less of a Class.			
	Not applicable.			
Item 6.	Ownership of More than Five Percent on Behalf of Another Person.			
	Not Applicable.			
Item 7.	Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company			
	Not Applicable.			
Item 8.	Identification and Classification of Members of the Group.			
	Not Applicable.			
Item 9.	Notice of Dissolution of Group.			
	Not Applicable.			
Item 10.	Certification.			
	By signing below the undersigned certifies that the securities referred to above were not acquired and are not held at the time being with the intention of changing or influencing the control of the Issuer of the securities and were not acquired and are not held with the intention of any transaction having that purpose or effect.			

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 9, 2010

/s/ Zohar Zisapel

Zohar Zisapel