FORM 6-K

SECURITIES AND EXCHANGE COMMISSION Washington D.C. 20549

Report of Foreign Private Issuer Pursuant to Rule 13a-16 or 15d-16 Under The Securities Exchange Act of 1934

For the month of February, 2012

Commission File Number: 0-30324

Radware Ltd. (Translation of Registrant's Name into English)

22 Raoul Wallenberg Street, Tel Aviv 69710, Israel (Address of Principal Executive Offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F:

Form 20-F x Form 40-F o

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): N/A

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): N/A

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934:

Yes o No x

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82- N/A

CONTENTS

This report on Form 6-K of Radware Ltd. consists of the following documents, which are attached hereto and incorporated by reference herein:

1. Press Release: Radware Ltd. Announces Fourth Quarter 2011 Results

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

RADWARE LTD.

Date: February 1, 2012 By: /s/ Meir Moshe

Meir Moshe

Chief Financial Officer

EXHIBIT INDEX

Exhibit

Number Description of Exhibit

10.1 Press Release: Radware Ltd. Announces Fourth Quarter 2011 Results,

dated February 1, 2012