

Donahue Michael J
 Form 4
 March 23, 2012

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549**

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Donahue Michael J

(Last) (First) (Middle)
 C/O LOGMEIN, INC., 500
 UNICORN PARK DR.
 (Street)

WOBURN, MA 01801

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 LogMeIn, Inc. [LOGM]

3. Date of Earliest Transaction
 (Month/Day/Year)
 03/23/2012

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 VP and General Counsel

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | | (A) or (D) | Price | | |
| Common Stock | 03/23/2012 | 03/23/2012 | M | 1,500 | A \$ 10.75 | 1,500 | D |
| Common Stock | 03/23/2012 | 03/23/2012 | S | 1,500 (1) | D \$ 34.21 | 0 | D |
| Common Stock | 03/23/2012 | 03/23/2012 | M | 1,000 | A \$ 18.98 | 1,000 | D |
| Common Stock | 03/23/2012 | 03/23/2012 | S | 1,000 (1) | D \$ 34.21 | 0 | D |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Stock Option (Right to Buy) | \$ 10.75 | 03/23/2012 | 03/23/2012 | M | 1,500 | ⁽²⁾ 01/17/2018 | Common Stock | 1,500 |
| Stock Option (Right to Buy) | \$ 18.98 | 03/23/2012 | 03/23/2012 | M | 1,000 | ⁽³⁾ 02/19/2020 | Common Stock | 1,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Donahue Michael J C/O LOGMEIN, INC., 500 UNICORN PARK DR. WOBURN, MA 01801 | | | VP and General Counsel | |

Signatures

Michael J. Donahue 03/23/2012

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1)

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Sales made pursuant to a 10(b)5-1 plan adopted by the Reporting Person in accordance with Rule 10(b)5-1 of the Securities Exchange Act of 1934, as amended.

- (2) The shares subject to the option vest in four equal annual installments beginning on January 17, 2009, such that 100% of the shares subject to the option will be fully vested on January 17, 2012.
- (3) The shares subject to the option vest in four equal annual installments beginning on February 19, 2011, such that 100% of the shares subject to the option will be fully vested on February 19, 2014.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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