

INTERNAP NETWORK SERVICES CORP  
 Form 3  
 October 09, 2012

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 * |         |          | 2. Date of Event Requiring Statement   | 3. Issuer Name <b>and</b> Ticker or Trading Symbol |   |
| Â GAMCO INVESTORS, INC.<br>ET AL          |         |          | (Month/Day/Year)<br>10/04/2012   | INTERNAP NETWORK SERVICES CORP [INAP]              |   |
| (Last)                                    | (First) | (Middle) | 4. Relationship of Reporting Person(s) to Issuer                                 |  | 5. If Amendment, Date Original Filed(Month/Day/Year)        |
| ONE CORPORATE CENTER,Â                    |         |          | (Check all applicable)   |  |   |
| (Street)                                  |         |          | <input type="checkbox"/> Director  | <input checked="" type="checkbox"/> 10% Owner      | 6. Individual or Joint/Group Filing(Check Applicable Line)  |
| RYE,Â NYÂ 10580                           |         |          | <input type="checkbox"/> Officer<br>(give title below)                           | <input type="checkbox"/> Other<br>(specify below)  | <input type="checkbox"/> Form filed by One Reporting Person |
| (City)                                    | (State) | (Zip)    | <input checked="" type="checkbox"/> Form filed by More than One Reporting Person |  |   |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security<br>(Instr. 4) | 2. Amount of Securities Beneficially Owned<br>(Instr. 4) | 3. Ownership Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock                       | 27,000   | I   | By: Investment Partnership <sup>(1)</sup>                |

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

SEC 1473 (7-02)

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security<br>(Instr. 4) | 2. Date Exercisable and Expiration Date<br>(Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security<br>(Instr. 4) | 4. Conversion or Exercise Price of Derivative | 5. Ownership Form of Derivative Security: | 6. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|---|---|--|---|---|--|
|---|---|--|---|---|--|

| Date Exercisable | Expiration Date | Title | Amount or Number of Shares | Security | Direct (D) or Indirect (I) (Instr. 5) |
|------------------|-----------------|-------|----------------------------|----------|---------------------------------------|
|------------------|-----------------|-------|----------------------------|----------|---------------------------------------|

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| GAMCO INVESTORS, INC. ET AL<br>ONE CORPORATE CENTER<br>RYE, NY 10580                 | ^             | ^ X       | ^       | ^     |
| GABELLI MARIO J<br>C/O GAMCO INVESTORS, INC<br>ONE CORPORATE CENTER<br>RYE, NY 10580 | ^             | ^ X       | ^       | ^     |
| GGCP, INC.<br>140 GREENWICH AVENUE<br>GREENWICH, CT 06830                            | ^             | ^ X       | ^       | ^     |

## Signatures

/s/ Douglas R. Jamieson, Attorney-In-Fact for MARIO J. GABELLI, GGCP, INC., and  
GAMCO INVESTORS, INC.

10/09/2012

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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) GAMCO Investors, Inc. has less than a 100% interest in this entity; GGCP, Inc. has less than a 100% interest in GAMCO Investors, Inc.; and Mario J. Gabelli has less than a 100% interest in GGCP, Inc. The amount of securities reported as beneficially owned reflects the total amount of securities held by this entity which is greater than the Reporting Persons' indirect pecuniary interests. The Reporting Persons hereby disclaim ownership of these securities in excess of their pecuniary interests.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.