FORM 4

United States Securities and Exchange Commission
Washington, D.C. 20549

Statement of Changes in Beneficial Ownership of Securities

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person

   Dougherty Greg
   C/O Infinera Corporation
   140 Caspian Court
   Sunnyvale, CA 94089

2. Issuer Name and Ticker or Trading Symbol

   Infinera Corp [ INFN ]

3. Date of Earliest Transaction (MM/DD/YYYY)

   1/29/2020

5. Relationship of Reporting Person(s) to Issuer

   X Director
   10% Owner
   Officer (give title below)
   Other (specify below)

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

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>Securities Acquired (A) or Disposed of (D)</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
<th>Ownership Form: Direct (D) or Indirect (I)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>1/29/2020</td>
<td>V</td>
<td>A</td>
<td>12615</td>
<td>D</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Derivative Security</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>Derivative Securities Acquired (A) or Disposed of (D)</th>
<th>Number of Derivative Securities Beneficially Owned Following Reported Transaction(s)</th>
<th>Ownership Form: Direct (D) or Indirect (I)</th>
<th>Nature of Indirect Beneficial Ownership</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted Stock Units</td>
<td>(1)</td>
<td>1/29/2020</td>
<td>M</td>
<td>12615</td>
<td>Common Stock 37844.0</td>
<td>D</td>
<td>Indirect Beneficial Ownership</td>
</tr>
<tr>
<td>Restricted Stock Units</td>
<td>(1)</td>
<td></td>
<td></td>
<td></td>
<td>Common Stock 53745.0</td>
<td>D</td>
<td>Indirect Beneficial Ownership</td>
</tr>
</tbody>
</table>

Explanation of Responses:

1. Each restricted stock unit ("RSU") represents a contingent right to receive one share of common stock of Infinera Corporation (the "Company").
2. The RSUs vest in three annual installments beginning on January 29, 2019, subject to Mr. Dougherty's continued service to the Company.
3. These RSUs have a vesting commencement date of May 23, 2019 and vest on the earlier of the date of the next annual meeting of stockholders or the one-year anniversary of the date of grant, subject to Mr. Dougherty's continued service to the Company.

Reporting Owners

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dougherty Greg C/O Infinera Corporation 140 Caspian Court Sunnyvale, CA 94089</td>
<td>X</td>
</tr>
</tbody>
</table>

Signatures

/s/ Michael Post, by Power of Attorney 1/31/2020

**Signature of Reporting Person

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

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

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