FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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INITIAL STATEMENT OF 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 A Allanson | orting Person* | Requiring (Month/Da | 2. Date of Event Requiring Statement (Month/Day/Year) 09/15/2021 3. Issuer Name and Ticker or Trading Symbol VirnetX Holding Corp [VHC] | | | | | | | |
|--|----------------|------------------------|--|---|--|------------------------|--|--|--|--|
| | DORLA COURT | | | | 4. Relationship of Reporting Issuer (Check all applicable) Director | Person(s) | File | 5. If Amendment, Date of Original Filed (Month/Day/Year) | | |
| (Street) ZEPHYR COVE | NV | 89448 | | | X Officer (give title below) Chief Financial | below) | (Cr | 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | |
| (City) | (State) | (Zip) | | | | | | | | |
| Table I - Non-Derivative Securities Beneficially Owned | | | | | | | | | | |
| 1. Title of Security (Instr. 4) | | | | 2. Amount of Securities Beneficially Owned (Instr. 4) | | | 4. Nature of Indirect Beneficial Ownership (Instr. 5) | | | |
| Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | |
| | | | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Sec Underlying Derivative Sec (Instr. 4) | | 4. Conversion or Exercise Price of | 5. Ownership Form: | 6. Nature of Indirect Beneficial Ownership (Instr. | |
| | | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | Derivative Security | Direct (D) or Indirect (I) (Instr. 5) | 5) | | |
| Stock Option | n (Right to B | uy) | (1) | 12/18/2030 | Common Stock | 10,000 | 5.18 | D | | |

Explanation of Responses:

1. The Shares underlying this Option shall vest and become exercisable in accordance with the following schedule: 1/4 of the total number of Shares subject to the Option shall vest and become exercisable on December 18, 2021, and 1/48 of the total number of Shares subject to the Option shall vest and become exercisable on each monthly anniversary thereafter, so long as the individual's continuous status as a Service Provider (as defined in the Plan) has not terminated prior to each such date. If a Change in Control (as defined in the Plan) occurs, all of the Shares underlying this Option then unvested as of the date of the Change in Control, will vest and become exercisable immediately prior to the consummation of the Change in Control transaction.

Remarks:

/s/ Kendall Larsen,

Attorney-in-fact for Katherine Allanson 09/17/2021

** Signature of Reporting Person

Date

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 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).

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 Number.

POWER OF ATTORNEY

Know all by these presents that the undersigned hereby constitutes and appoints each of Kendall Larsen of VirnetX Holding Corporation (the "Company"), Andrew Chew, Raymond Singson and Gloria Liang of Wilson Sonsini Goodrich and Rosati, P.C., signing individually, as the undersigned's true and lawful attorneys-in-fact and agents to:

- (1) prepare, execute in the undersigned's name and on the undersigned's behalf, and submit to the Securities and Exchange Commission (the "SEC") a Form ID, including amendments thereto, and any other documents necessary or appropriate to obtain codes and passwords enabling the undersigned to make electronic filings with the SEC of reports required by Section 16(a) of the Securities Exchange Act of 1934, as amended (the "Exchange Act") or any rule or regulation thereunder;
- (2) prepare, execute in the undersigned's name and on the undersigned's behalf, and submit to the SEC Forms 3, 4 and 5 (including amendments thereto and joint filing agreements in connection therewith) with respect to the securities of the Company in accordance with Section 16(a) of Exchange Act and the rules thereunder;
- (3) do and perform any and all acts for and on behalf of the undersigned that may be necessary or desirable to prepare and execute any such Form 3, 4 or 5 (including amendments thereto and joint filing agreements in connection therewith) and file such Forms with the SEC and any stock exchange, self-regulatory associationor any other authority; and
- (4) take any other action of any type whatsoever in connection with the foregoing that, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required of the undersigned, it being understood that the documents executed by the attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as the attorney-in-fact may approve in the attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney in fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney in fact, or such attorney in fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, and their substitutes, in serving in such capacity at the request of the undersigned, are not assuming (nor is the Company assuming) any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the Company and the attorneys-in fact. This Power of Attorney revokes any other power of attorney that the undersigned has previously granted to representatives of the Company.

This Power of Attorney is executed as of the date set forth below.

Signature: /s/ Katherine Allanson

Print Name: Katherine Allanson

Dated: September 7, 2021