## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington D.C. 20549

STATEMENT	OF CHANGES	S IN BENEFICIAL	_ OWNERSHIP

l	OMB APPRO	OVAL				
	OMB Number:	3235-0287				
l	Estimated average burd	en				
l	hours per response:	0.5				

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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* O'BRIEN THOMAS M					2. Issuer Name <b>and</b> Ticker or Trading Symbol VirnetX Holding Corp [ VHC ]									Relationship of Reporting Person(s) to Issuer (Check all applicable)     X Director 10% Owner					
(Last) C/O 308	ust) (First) (Middle) O 308 DORLA COURT				3. Date of Earliest Transaction (Month/Day/Year) 05/23/2019										r (give title		Other (s below)	· I	
SUITE 2	 				4.1	If Ame	endment, [	Date of	f Original F	iled	(Month/Da	ay/Year)		6. Ind Line)	ividual or J	oint/Group	Filing	(Check App	licable
(Street) ZEPHYI	R COVE N	V	89448											X		led by More		orting Persor One Repor	
(City)	(S	tate)	(Zip)																
		Tab	le I - Nor	n-Deriv	vativ	e Se	curities	s Acc	quired, [	Disp	osed o	f, or Be	enefic	ially	Owned				
1. Title of Security (Instr. 3)  2. Transar Date (Month/D				Execution Date,		3. 4. Securities Acc Transaction Disposed Of (D) Code (Instr. 7) 8) 5						es For ally (D) Following (I)		: Direct r Indirect str. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)				
									v	Amount	unt (A) or (D)		ce	Reported Transaction(s) (Instr. 3 and 4)					
Common Stock 05/23/				3/201	/2019		A		8,333	8,333 <sup>(1)</sup> A S		0.00	163,328			D			
		-	Fable II -						ired, Di						Owned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution I if any (Month/Day	Date,	4. Transa Code ( 8)		of		6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amo of Securities Underlying Derivative Secur (Instr. 3 and 4)		1	. Price of Perivative Security Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	ly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership t (Instr. 4)
					Code	v	(A)		Date Exercisable		xpiration ate	Title	Amor or Numl of Share	ber					
Stock Option (Right to Buy)	\$5.68	05/23/2019			A		12,500		(2)	0	5/23/2029	Common Stock	12,5	600	\$0.00	12,500	)	D	

## **Explanation of Responses:**

- 1. The restricted stock units shall vest and become exercisable upon the earlier of (a) one year from the date of grant or (b) the close of business on the day prior to the Company's 2020 annual meeting of stockholders, in either case, so long as the Participant (as defined in the Company's 2013 Equity Incentive Plan (the "Plan")) has not earlier terminated his continuous status as a Service Provider (as defined in the Plan). If a Change in Control (as defined in the Plan) occurs, all of the restricted stock units 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.
- 2. All shares underlying this option shall vest and become exercisable upon the earlier of (a) one year from the date of grant or (b) the close of business on the day prior to the Company's 2020 annual meeting of stockholders, in either case, so long as the Participant (as defined in the Plan) has not earlier terminated his continuous status as a Service Provider (as defined in the Plan). If a Change in Control (as defined in the Plan) occurs, all 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. This option will be exercisable for twelve (12) months after the Participant ceases to be a Service Provider, unless such termination is due to the Participant's death, Disability (as defined in the Plan), or Cause (as defined in the Plan), in which case the option shall vest in accordance with the terms of the Participant's option agreement.

## Remarks:

/s/ Kendall Larsen, Attorney-infact for Thomas M. O'Brien

05/29/2019

\*\* 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 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).

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.