

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL	
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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* <u>Gopal Ajei</u> (Last) (First) (Middle) 2600 ANSYS DRIVE SOUTHPOINTE (Street) CANONSBURG 15317 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ANSYS INC [ANSS]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) President and CEO
	3. Date of Earliest Transaction (Month/Day/Year) 02/15/2018	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/15/2018		M		10,320 ⁽¹⁾	A	\$0	124,678 ⁽³⁾	D	
Common Stock	02/15/2018		F		3,572 ⁽²⁾	D	\$162.41	121,106 ⁽³⁾	D	

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Amount or Number of Shares
Performance Restricted Stock Unit	\$0	02/15/2018		M			10,320	(4)	(4)	Common Stock	10,320	\$0	33,540 ⁽⁵⁾	D	

Explanation of Responses:

- Awarded under the Issuer's Fifth Amended and Restated 1996 Stock and Option Grant Plan. Shares earned upon vesting and settlement of 50% of the earned Performance Restricted Stock Units for the annual period ending December 31, 2017, upon certification of performance results by the Compensation Committee of 200% of target for the annual period ended December 31, 2017. The remaining 50% of the earned Performance Restricted Stock Units for such annual period ending December 31, 2017 shall vest, if at all, on December 31, 2019, and upon certification of performance results by the Compensation Committee.
- Shares withheld for payment of taxes in connection with the vesting and settlement of Performance Restricted Stock Units described in footnote 1 above.
- Includes 27,284 Deferred Stock Units and 73,754 Restricted Stock Units.
- Awarded under the Issuer's Fifth Amended and Restated 1996 Stock and Option Grant Plan. Performance Restricted Stock Units awarded March 5, 2017 represented a contingent right to receive shares of ANSYS Common Stock upon vesting and settlement of Performance Share Units and certification of performance results by the Compensation Committee. See footnote 1 for additional information.
- Under terms of award, assuming certain target levels are achieved, an additional 33,540 Performance Restricted Stock Units may be earned upon certification of performance results for the remaining award periods. See footnote 1 for additional information.

Remarks:

Janet Lee, Attorney-in-Fact 02/20/2018
 ** 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.

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