Primes obtained concatenating four consecutive numbers, the largest one being a Poulet number

Marius Coman email: mariuscoman13@gmail.com

Abstract. In this paper I conjecture that there exist an infinity of primes obtained concatenating four consecutive numbers, the largest one from them being a Poulet number. For example, 1726172717281729 is such a prime, obtained concatenating the numbers 1726, 1727, 1728 and 1729, where 1729 is a Poulet number (see the sequence A030471 in OEIS for primes which are concatenation of four consecutive numbers).

Conjecture:

There exist an infinity of primes obtained concatenating four consecutive numbers, the largest one from them being a Poulet number.

Example: 1726172717281729 is such a prime, obtained concatenating the numbers 1726, 1727, 1728 and 1729, where 1729 is a Poulet number.

Note: see the sequence A030471 in OEIS for primes which are concatenation of four consecutive numbers.

The first ten such primes:

:	1726172717281729	(1729	is	the	6th	Poulet	number)	;
:	2044204520462047	(2047	is	the	8th	Poulet	number),	;
:	2818281928292821	(2821	is	the	11st	Poulet	number);
:	4678467946804681	(2821	is	the	16th	Poulet	number);
:	8318831983208321	(8321	is	the	20th	Poulet	number);
:	13978139791398013	981	(13	8981	is	the	29th	Poulet
	number);							
:	15706157071570815	709	(15	5709	is	the	31st	Poulet
	number);							
:	15838158391584015	841	(15	841	is	the	32nd	Poulet
	number);							
:	19948199491995019	951	(19	951	is	the	36th	Poulet
	number);							
:	30118301193012030	121	(30	121	is	the	41st	Poulet
	number).							