

The Order of (Network) Operations



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Thought those math rules you learned in 6th grade were useless? Think again...some are more applicable to the architecture of your data center than you might think.

Remember back when you were in the 6th grade, learning about the order of operations in math class? You might recall that you learned that the order in which mathematical operators were applied can have a significant impact on the result. That's why we learned there's an order of operations – a set of rules – that we need to follow in order to ensure that we always get the correct answer when performing mathematical equations.

$6 + 2 \times 2 \neq 6 + 2 \times 2$ **Rule 1:** First perform any calculations inside parentheses.

$8 \times 2 \neq 6 + 4$

$16 \neq 10$

Rule 2: Next perform all multiplications and divisions, working from left to right.

Rule 3: Lastly, perform all additions and subtractions, working from left to right.

Similarly, the order in which network and application delivery operations are applied can dramatically impact the performance and efficiency of the delivery of applications – no matter where those applications reside.

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