

Evolution of NVMe

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Flash Memory Summit 2018 Santa Clara, CA

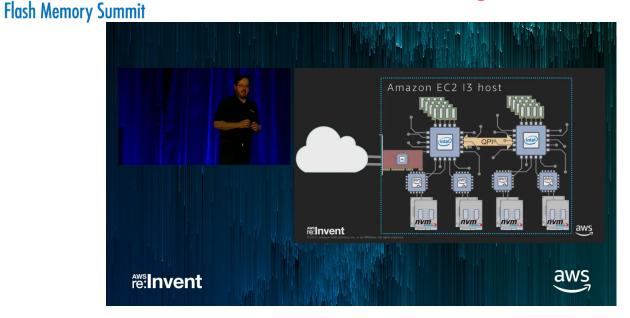


18,000,000 5,000.00 Enterprise SSDs 3,750.00 13,500,000 SSD Units 2,500.00 9,000,000 PCIe 4,500,000 1,250.00 0.00 2016 2017 2018* 2019* 2020*

> PCIe growing like crazy – most of that is NVMe. And this doesn't consider client!

*Forward Insights Q1'18

NVMe Is Becoming The Storage Interface



NVMe is becoming THE interface to storage tenants in the Cloud. For example, AWS Nitro virtualizes storage through NVMe.

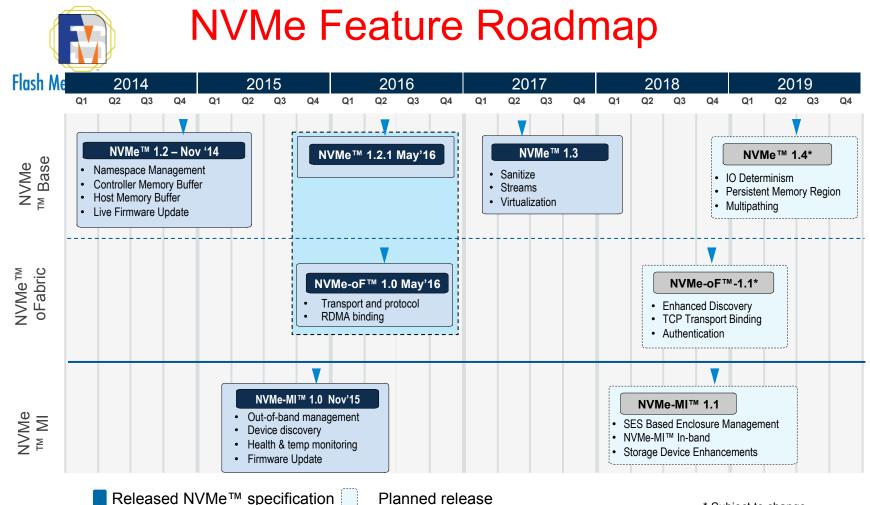
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* Matthew Wilson "Amazon EC2 Bare Metal Instances" https://www.youtube.com/watch?v=o9_4uGvbvnk



By The Numbers

Base Specification						Contributors			
	14 Phase 1	10 Phase 2	6 Phase 3	8 Ratified		20+ Authors	12+ Companies	<u>ġ</u> ŧ¢tŷ	
NVMe Over Fabrics Specification						Contributors			
	3 Phase 1	2 Phase 2	2 Phase 3	0 Ratified		6+ Authors	5+ Companies	<u>ġ</u> ŧ¢tŷ	
	Management Interface Specification						Contributors		
	1 Phase 1	1 Phase 2	O Phase 3	4 Ratified		6+ Authors	5+ Companies	ŔŔŶŴŔ	



* Subject to change

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