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AWS has always been the pure cloud vendor, and even though it has given a nod to hybrid, it is now fully embracing it. Today in conjunction with VMware, it announced a pair of options to bring AWS into the data center.

Now, you can put AWS into your data center with AWS hardware, the same design they use in their own data centers. The two new products are part of AWS Outposts.

However, AWS talks a great hybrid cloud game, but its mission hasn't changed: All in on the public cloud.

Reference:

Ron Miller, AWS is bringing the cloud on prem with Outposts, 28th Nov. 2018,
<https://techcrunch.com/2018/11/28/aws-is-bringing-the-cloud-on-prem-with-outposts/>

Larry Dignan, Everything you need to know about AWS re:Invent 2018, 28th Nov. 2018,
<https://www.cnet.com/news/everything-you-need-to-know-about-aws-reinvent-2018/>

-----Part I AWS Outposts-----



Pic 1. VMware CEO Pat Gelsinger joined AWS CEO Andy Jassy onstage at AWS re:Invent for a joint announcement. (Source: www.zdnet.com)

After announcing a partnership with VMware two years ago, and unveiling VMware Cloud on Amazon Web Services earlier this year, at AWS re:Invent in Las Vegas on Wednesday, AWS announced a new service allowing customers to consume AWS's own datacenter hardware on-premises.

AWS Outposts is available as two options, with the first being the VMware Cloud on AWS, which further extends its VMware partnership, and the second being AWS native.

Pat Gelsinger also announced new capabilities -- bringing many of VMware's technologies to AWS -- that will complement AWS Outposts. Andy Jassy said AWS Outposts provides a way to run AWS infrastructure on premises for a "truly consistent" hybrid experience.

-----New Launches Quick Look -----

AWS talks a great hybrid cloud game, but its mission hasn't changed: All in on the public cloud.

Part 1. I want all and now

- S3 Glacier Deep Archive - long-term data archival with the lowest cost storage, priced from \$0.0009 /GB/month
- FSx for Windows File Server – Fast, Fully Managed, and Secure
- FSx for Lustre

Part 2. The right tool for every builder

- AWS Control Tower – Landing zone for multi-accounts environment
- Security Hub
- AWS Lake Formation

Part 3. Database Freedom

- DynamoDB On-Demand – No Capacity Planning and Pay-Per-Request Pricing.
- Amazon Timestream - a fast, scalable, fully managed time-series database, 1000X faster
- Quantum Ledger Database - fully managed ledger database
- AWS Managed Blockchain- quickly create and manage a scalable blockchain network using popular open source frameworks, Hyperledger Fabric and Ethereum

Part 4. Less conversion, more action

- Amazon Elastic Inference – GPU-Powered Deep Learning Inference Acceleration.
- Amazon SageMaker Ground Truth
- Machine Learning algorithms and model packages now available in AWS Marketplace.
- Amazon SageMaker RL – Managed Reinforcement Learning with Amazon SageMaker.
- Amazon Textract
- AWS DeepRacer – Go Hands-On with Reinforcement Learning at re:Invent.
- Amazon Personalize – Real-Time Personalization and Recommendation for Everyone.
- Amazon Forecast – Time Series Forecasting Made Easy.

Part 5. Should I stay or should I GO?

- AWS Outposts

----- Battle -----



Pic. State of the cloud (source: www.toutiao.com)

When Andy Jassy spoke about the State of the cloud, Larry Ellison, former CEO of Oracle was mentioned as a little fight back on Larry's early speech on OpenWorld. But, It seems, at least in short term, this will be an endless battle.



Pic 3. Oracle in AWS's parking lot~