From: Michael Hopkins [mhop@google.com]

Sent: 7/12/2018 7:15:03 PM

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Subject: Re: Sellside Review for Tomorrow

Thanks to everyone that attended the sellside review yesterday. There was a lot of great discussion. I've copied the notes from the review below.

Thanks,

Michael & Rahul

Topic: DRX Pricing Strategy

Date/Time: 7/11, Wed 10:00-11:00 AM

Strategy Paper

Summary: One major goal for DVAA heading into 2019 is to improve our net profitability. We present options for improving our net revenue from a strictly sell-side perspective. We believe there is potential for as much as \$300 million per year by 2021 through three strategies. First, we should stop disclosing margin on GDN (and DBM open auction if possible). Second, we should stop buying through middlemen, who generally add little value to our transactions with publishers and prevent us from maximizing the value of those relationships. Third, we should revise our platform fee structure to charge more for where we are providing more value, and target an overall increase in platform fees.

TLDR:

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- DRX proposed three changes to DVAA pricing structure: (1) stop disclosing margin on GDN (and DBM open auction if possible), (2) stop buying through middlemen, and (3) increase our platform fees
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There was strong support for (3), moderate support for (1), and (2) remained an open question

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 In general, there was agreement that it would be much easier to apply changes (e.g. stop disclosing margin, increase platform fees) on new inventory sets (e.g. video, app, yavin) / new publishers / new products

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 The group was supportive of prioritizing DRX pricing efforts in 2019 and accelerating progress as much as possible

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Suresh advised the sellside to be competitive in our pricing (don't leave room to be undercut), not to abuse market power, and to build new products with better economics rather than changing the pricing of existing products whenever possible Als: Evaluate complimentary buyside changes to DRX pricing strategy proposal Write down the list of things that everyone agrees on + are low risk and just do them [Long-term] It would be helpful to figure out where we want to be on a spectrum from open platform to walled garden (set north star) Notes: Suresh: like the new sellside review format (documents everything clearly in one place) 0 JB: Dozens of people that collaborated on the pricing strategy doc 0 Suresh: paper like this forces you to collaborate and streamline thought process Thoughts / comments from room 0 Carlos: great stuff 0 Why 2021? Why does \$300M ARR take 3 years? 2021 isn't super methodical, intentionally conservative Recontracting and moving to 1p would take a while

0 Few contracts are more than 2 years If approved, we'd come back with a more detailed timeline Likes paying publishers without disclosing margin Grow platform revenue screams as an opportunity (gap between gross revenue growth and net revenue growth) 0 Brad: in general, I'm supportive 0 Likes idea of increasing platform fee structure and varying margin in auction Most supportive of 3) (grow platform revenue) We have a lot of flexibility on margin on buyside with new network, awbid, yavin; less flexibility where we've made disclosures historically Brad: we should evaluate complimentary buyside changes too 0 Jim and Aparna: 0 We don't know what publishers think about GDN margin on AdX Spectrum of risk in possible responses Could not mention GDN buyside rev share 0

0	Could have reactive comms
0	
0	
0	Could plan proactive comms
0	
0	
0	Could just change for video + app, not web
0	
0	
7	
	Brad leaning towards this option
•	
•	
•	JB: honorable thing to do is to recontract to preserve pub relationships
В.	
0	
AdSense?	Brad: AdSense is a fixed 32%, with this proposal, could it be worse to be on DRX than
o	
0	
	JB: We'd also walk back AdSense commitment to 32% rev share
0	
0	
o	Carlos: my mental model for web publishers is large web publishers (e.g. News Corp) that
monetize w/	15 different exchanges how much would this change really hurt them?
0	
0	
0	Chris: paper separates media business (empowered by Google data) from platform business
(enterprise so	oftware business)
0	
1	Chris: Ma shouldn't raise platform foos without going to blind row shore structure in
programmatic	Chris: We shouldn't raise platform fees without going to blind rev share structure in
0	
0	
0	Goody: we can't completely decouple platform and media; e.g. dynamic allocation (and the
	ate the rules of the platform) brings us a lot in terms of media rev share
0	
O.	What is the risk profile of changing rev share?
0	That is the point of shanging for share:
0	
*	JB: changing on app and video going forward is safest; we always have the safety valve
of quietly agre	eeing with selected pubs to a specific rev share

0	
O	
o reputation risk o	Carlos: we could potentially escalate to Sundar to make call between net revenue trade off and for traditional web pubs
0	
o many years o	Bahman: I like most of the ideas; I'd like to accelerate; we've been talking about these ideas for
•	
•	We need to unblock large portions and move a lot faster
0	
exchanges	Brad: we should have some principles for how both Awbid and DBM interact with third party
0	
0	JB: how aggressively should we move away from paying middlemen a rev share
0	
walking away	Bahman: If we buy from middlemen, we should be profit maximizing rather than just
18_1	
middlemen	Bahman: there could be some contractual complexities for DBM to withhold spend from
<u></u>	
a contract with	JB: this paper says that we can work with middlemen but we pay pubs directly and have the pub (this would allow us to extract a sellside rev share on top of DBM's platform fee)
0	
0	Brad: DBM is starting to already bias towards our inventory (b/c of Ads.txt and Nera)
0	
o in a neutral wa	Brad: we can't take away full value proposition of DBM (the fact that they buy across exchanges ay)
o	
0	Aparna: We should triple down on Yavin
0	
exchanges); to	Payam: 4-5 years ago, we started with a very open strategy with DBM (¾ of spend on 3p oday we're 30% on 3p exchanges

0 Question is what will make us more net revenue in the long run Suresh: as a follow up, write down list of things that everyone agrees on + are low risk and just do them Principles Bundling adds value, should charge for added value We need to be competitive, don't want to leave us room to be undercut Don't want to abuse market power Tactics New products easier to start with Existing products - good to build new product with better economics and move people over to the new one Think about segmentation In cases where we don't disclose revenue, we can have a single system that optimizes for buyside + sellside revenue

Admob vs. DFP backfill and Bernanke)

Agreement: these are 2019 priorities, not 2018 H2

Suresh: creating new product with different economics is better than changing price for what pubs are already getting

Chris: it would be helpful to figure out where we want to be between open platform and walled garden (set north star)

On Tue, Jul 10, 2018 at 5:21 PM Michael Hopkins < mhop@google.com wrote: Hi all,

We have the following Sellside Review scheduled for tomorrow:

Topic: DRX Pricing Strategy

Date/Time: 7/11, Wed 10:00 am - 11:00 am PT Strategy Paper*: Sell-side Pricing Strategy Review

Summary: One major goal for DVAA heading into 2019 is to improve our net profitability. We present options for improving our net revenue from a strictly sell-side perspective. We believe there is potential for as much as \$300 million per year by 2021 through three strategies. First, we should stop disclosing margin on GDN (and DBM open auction if possible). Second, we should stop buying through middlemen, who generally add little value to our transactions with publishers and prevent us from maximizing the value of those relationships. Third, we should revise our platform fee structure to charge more for where we are providing more value, and target an overall increase in platform fees.

* We are experimenting with a new format for sellside reviews. In this new format, rather than listening to a presentation and asking questions, attendees will spend the first 10 - 15 minutes of the meeting reading the strategy paper. We will spend the remaining time discussing and reacting to the strategy paper.

Thanks, Michael