sharing is caring
a beginners guide to security in the cloud

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this is a lightning talk

hi, i’m Petra

 Sailor Scout Virtual Security Officer at Aura

 travel the world making friends with animals

 pick locks for fun (and ❤ teaching people)
let’s get our heads in the cloud

what is the cloud?

is it secure?

what do you mean “it depends”?!?

how do I keep my stuff safe in the cloud?
what is the cloud?
cloud isn’t about what you have but what you can do.
is the cloud secure?
who’s responsible for security?
<table>
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<tr>
<th>Physical environment</th>
<th>Network controls</th>
<th>Operating system</th>
<th>Applications</th>
<th>Identity &amp; access</th>
<th>Endpoints</th>
<th>Data handling</th>
<th>Physical environment</th>
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</thead>
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shared responsibility model
how can I stay safe in the cloud?
work out what you need

what are you building in the cloud?

what will it interact with?

what do you need to protect?

do you have resources you’ll need?
do your homework

- read their docs
- ask around
- ask the vendor
- negotiate
build your castle in the cloud

choose your partners

design your solution

document your design

share your document
nephomancy is the art of divining the future by observing clouds.
observe your cloud

reporting
monitoring
testing
watching
cloud security is...

- a shared responsibility
- about trust, not control
- an ongoing commitment
- easier with a good plan!
questions?