ECS

SHASHWAT SRIVASTAV
SR. DIRECTOR, ENGINEERING

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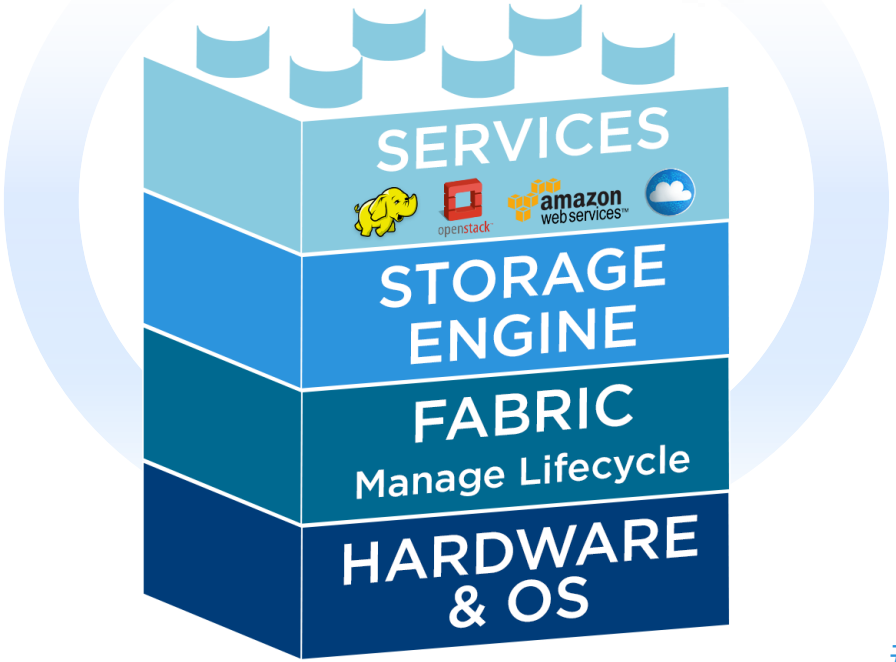
ECS DESIGN PHILOSOPHY

Software Defined Storage



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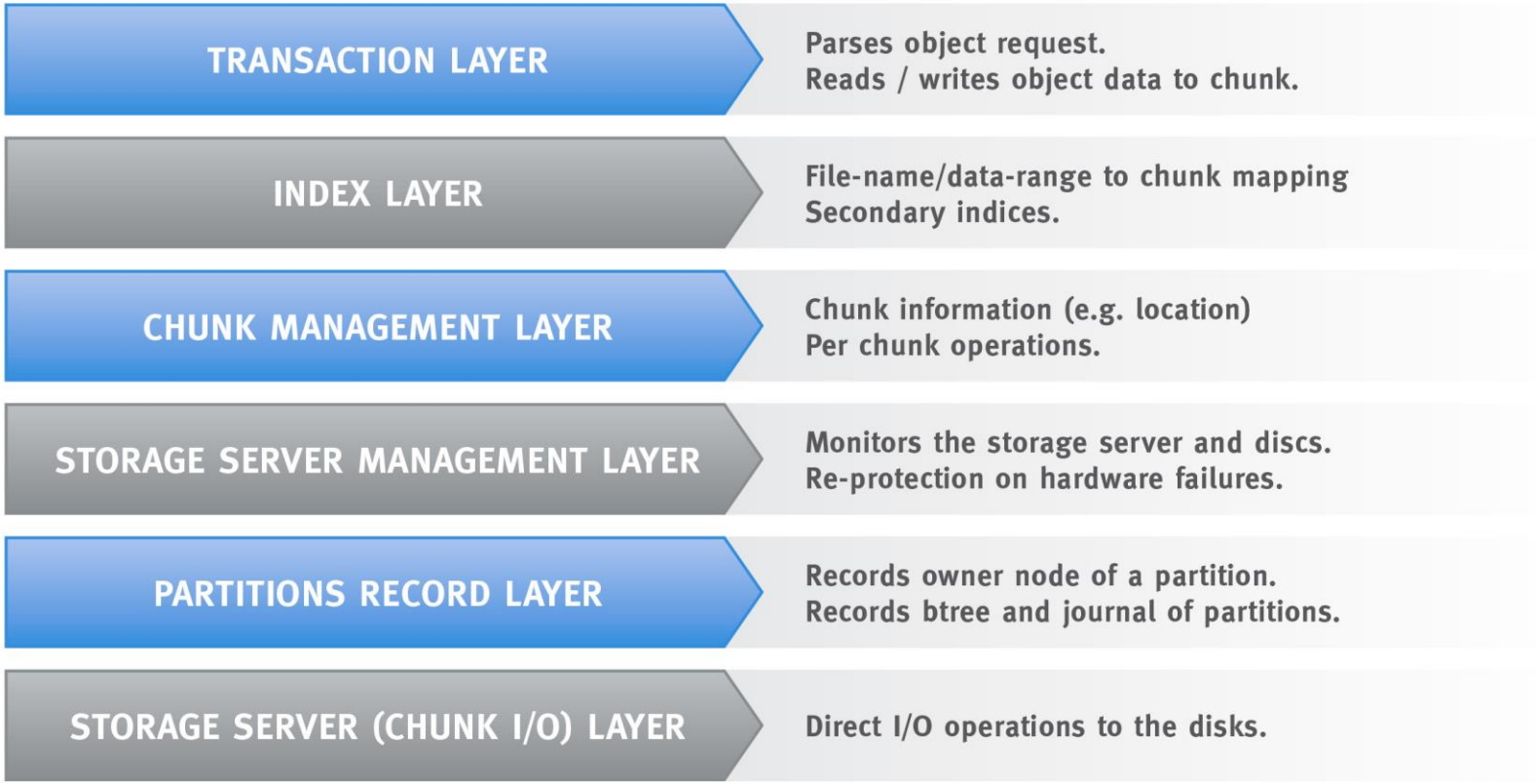
LAYERS IN SYSTEM



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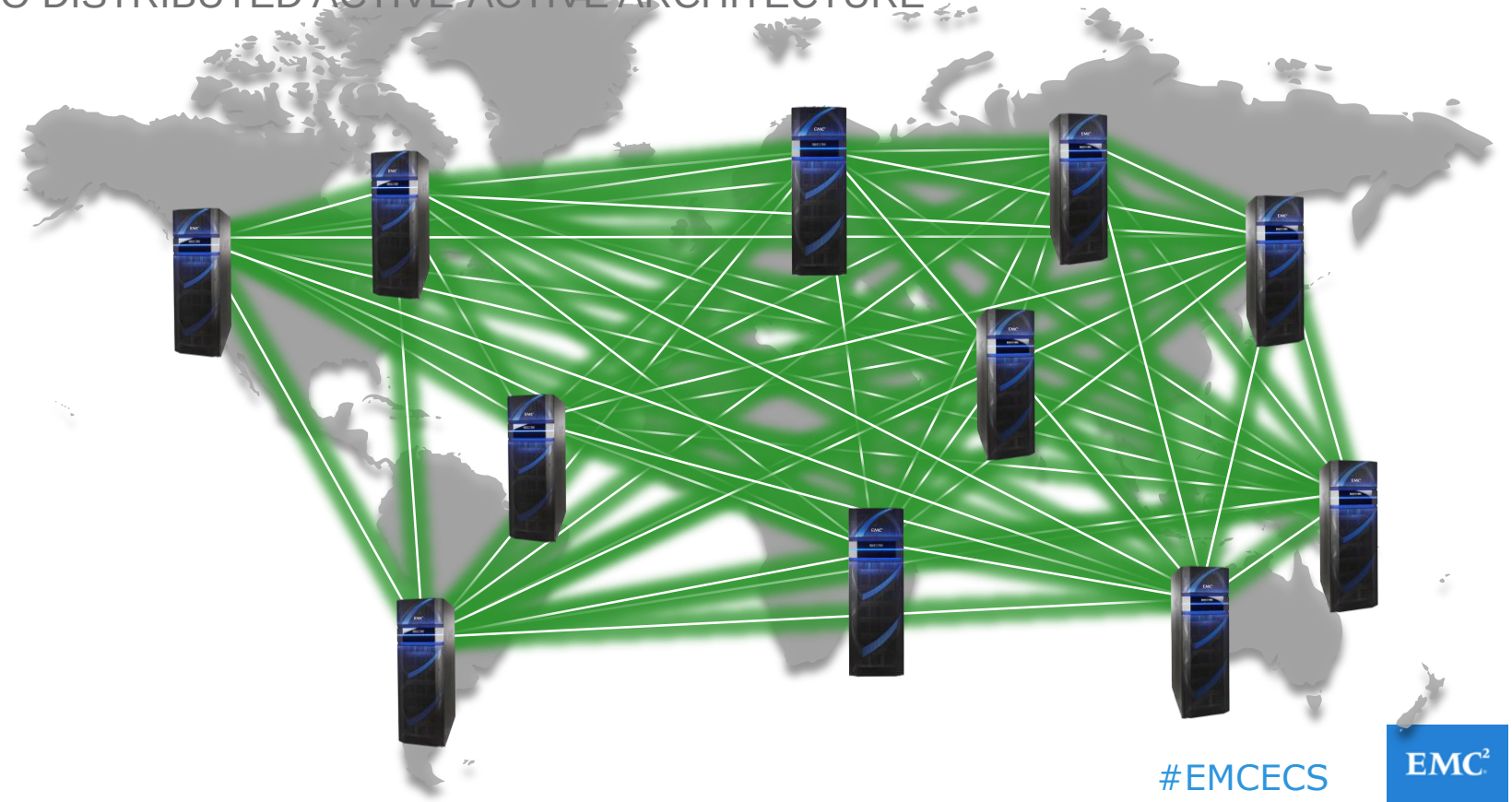
ECS CLOUD STORAGE PLATFORM

GEO DISTRIBUTED ACTIVE-ACTIVE ARCHITECTURE



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OPTIMIZED GEO PROTECTION

- Ability to tolerate one data center failure
- Reduced storage overhead
  - Similar to geo erasure coding scheme
- Reduced WAN overhead
  - Unlike geo erasure coding scheme
- Local access of data written in the data center

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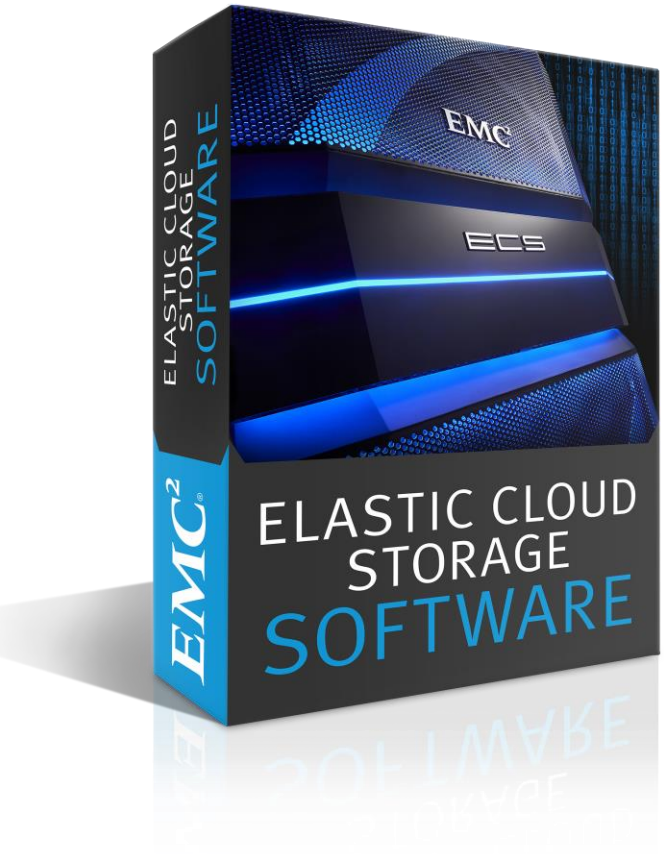
BUILD YOUR OWN ECS (DIY)



- HW & OS agnostic
- Self-contained
- Docker containers

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