

PHIPPY IN SPACE

ADVENTURES IN CLOUD-NATIVE RECOVERY

Brought to you by:



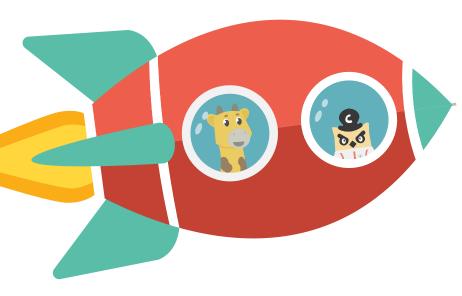
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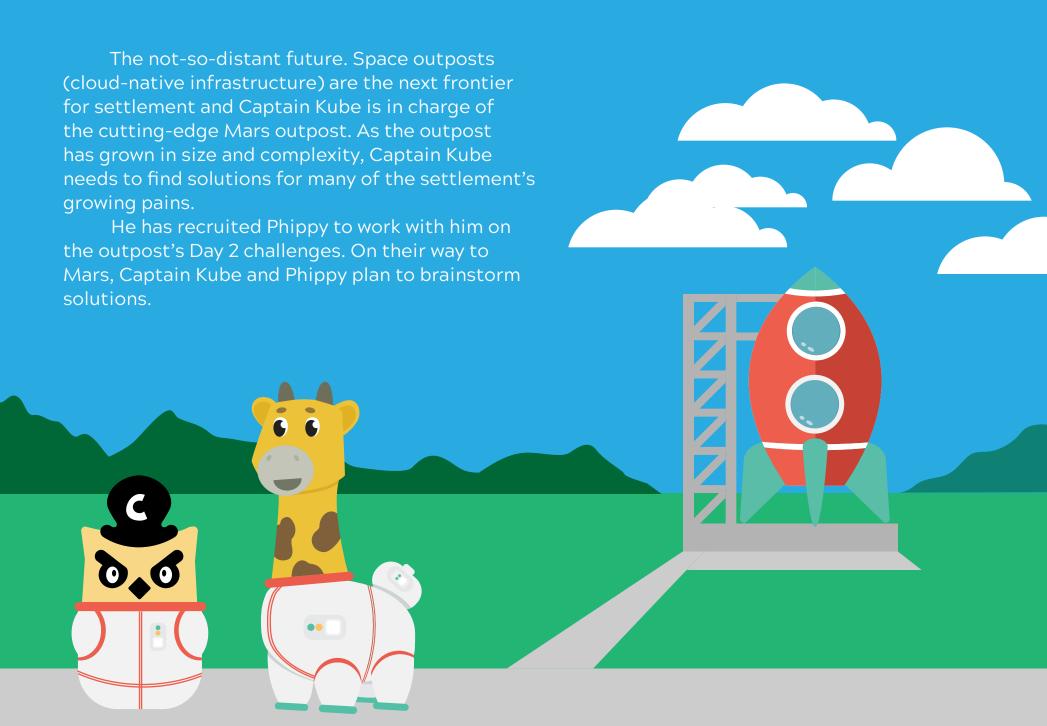
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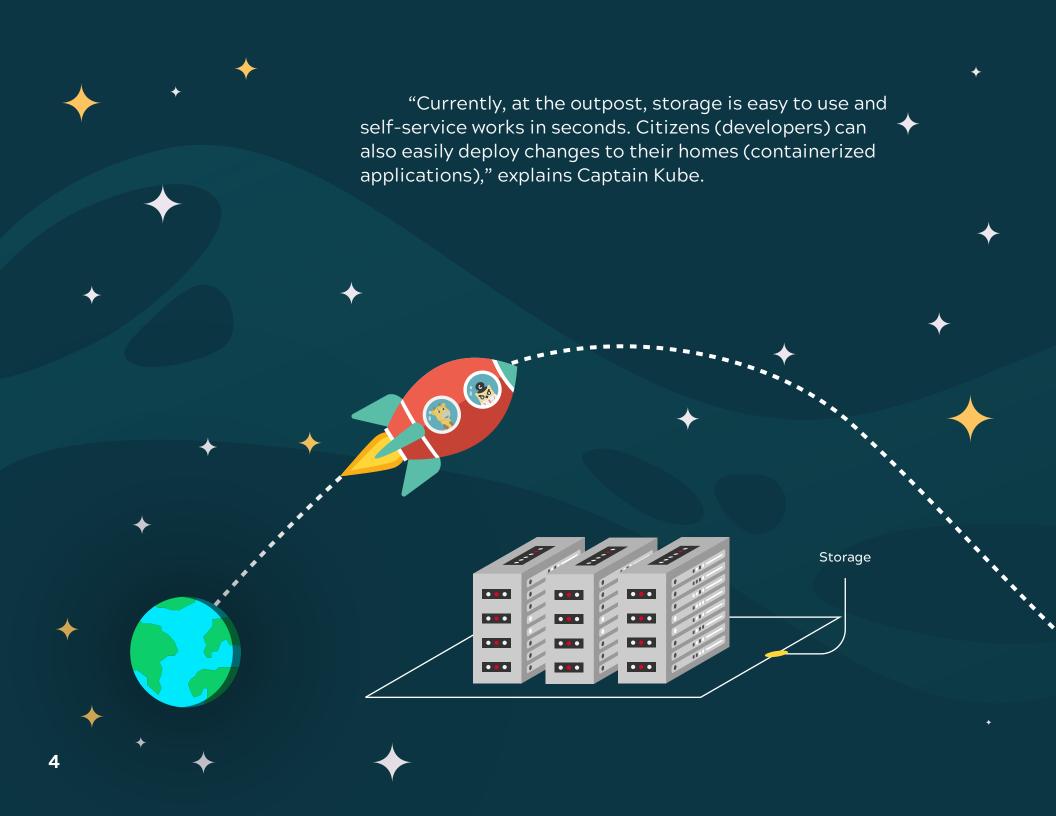
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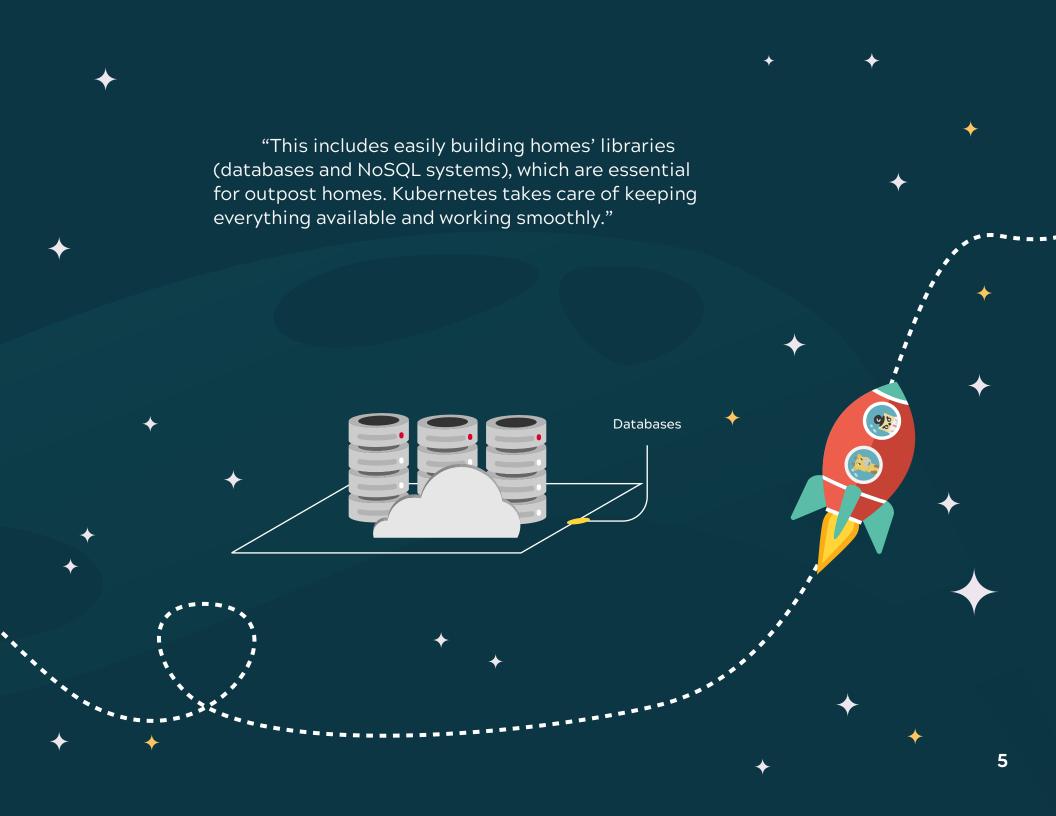
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Update Options



▼ Redis

Envoy

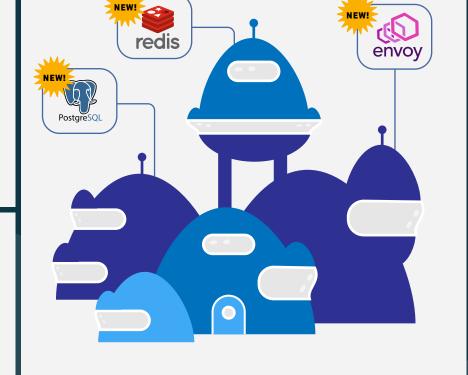
☑ PostgreSQL

☑ Go Server

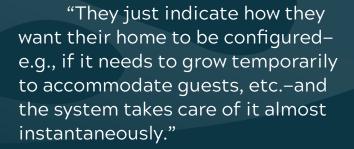
✓ Prometheus



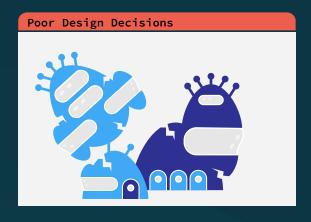
TIME TAKEN: 37 SECS



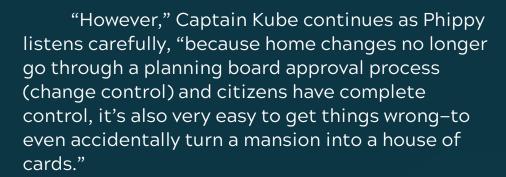
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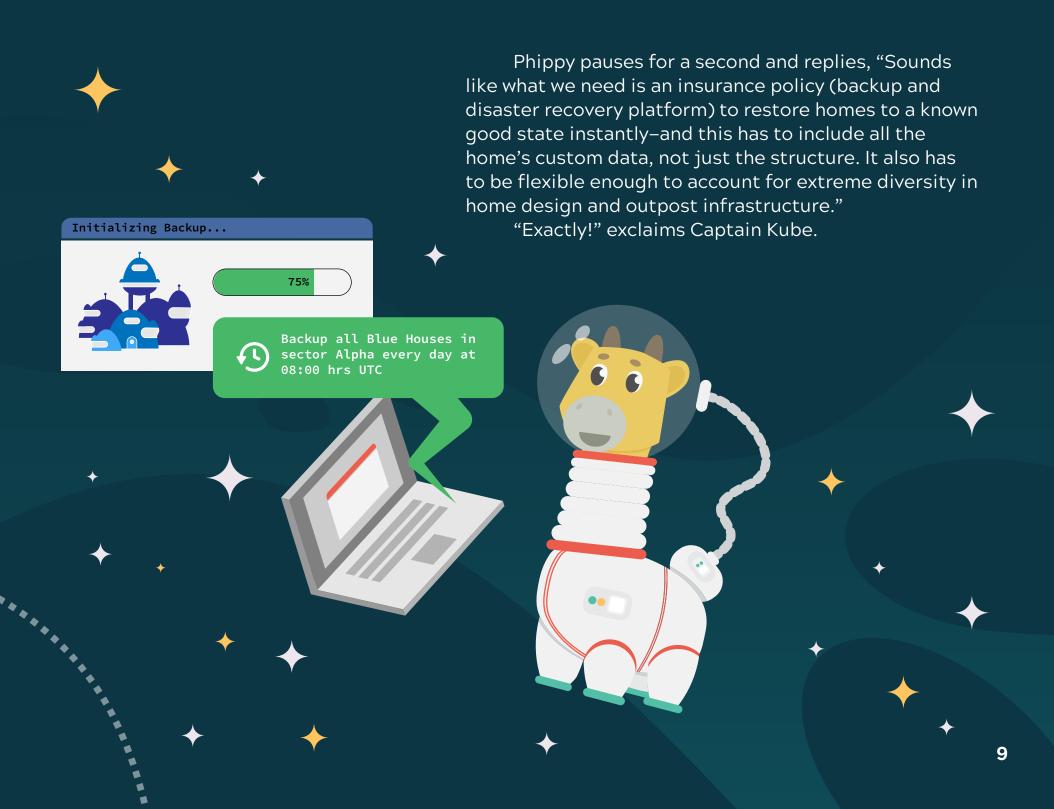


Malicious Destruction



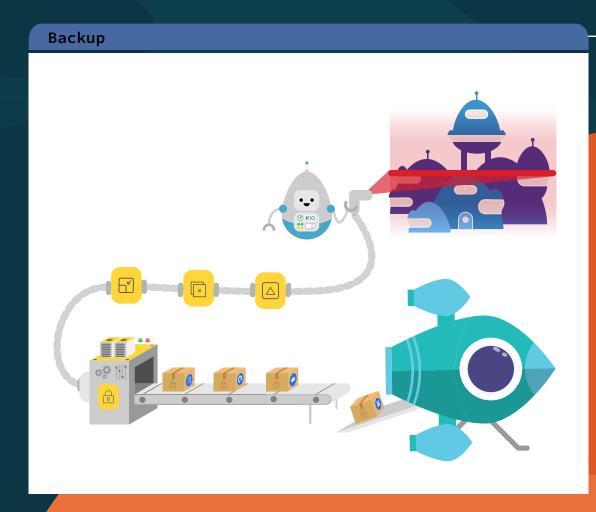


"There can also be any number of accidents in space, and we should also be prepared for malicious destruction. Our current systems only allow us to bring back the house, they don't bring back any contents inside it."





"Additionally," Phippy continues, "depending on the backup policy requirements, we can use our backup robots to create restore points-small compressed packages containing all records for each house. But to be more efficient, they should only capture changes to the house architecture and library content since the last backup."









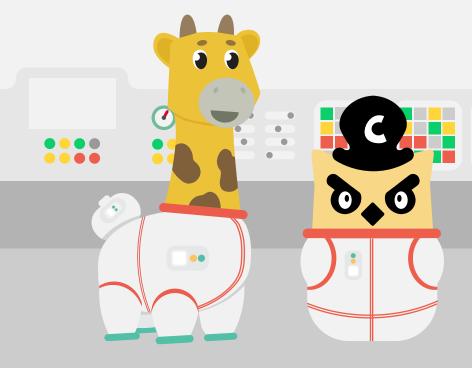


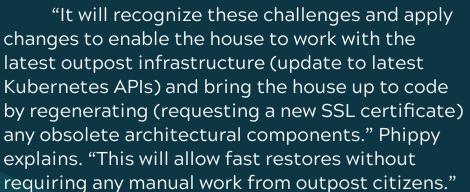
"Fortunately," Phippy explains, "our Backup Ruby robots are purpose-built for outposts precisely because they integrate exactly into the operations you just described. They allow citizens (devs) to customize backup and recovery to their preferences, while natively integrating into the outpost administrators' (ops) existing monitoring, automation, and security systems. Earth-based solutions are definitely too unwieldy for development in this new world."

"Given our accelerated pace of development, how will restores of old backups work with rapid outpost upgrades (Kubernetes API changes) or things in the backup that aren't up to code (expired SSL certificates or secrets)?" asks Captain Kube.

"The backup platform needs an intelligent transformation engine," replies Phippy.



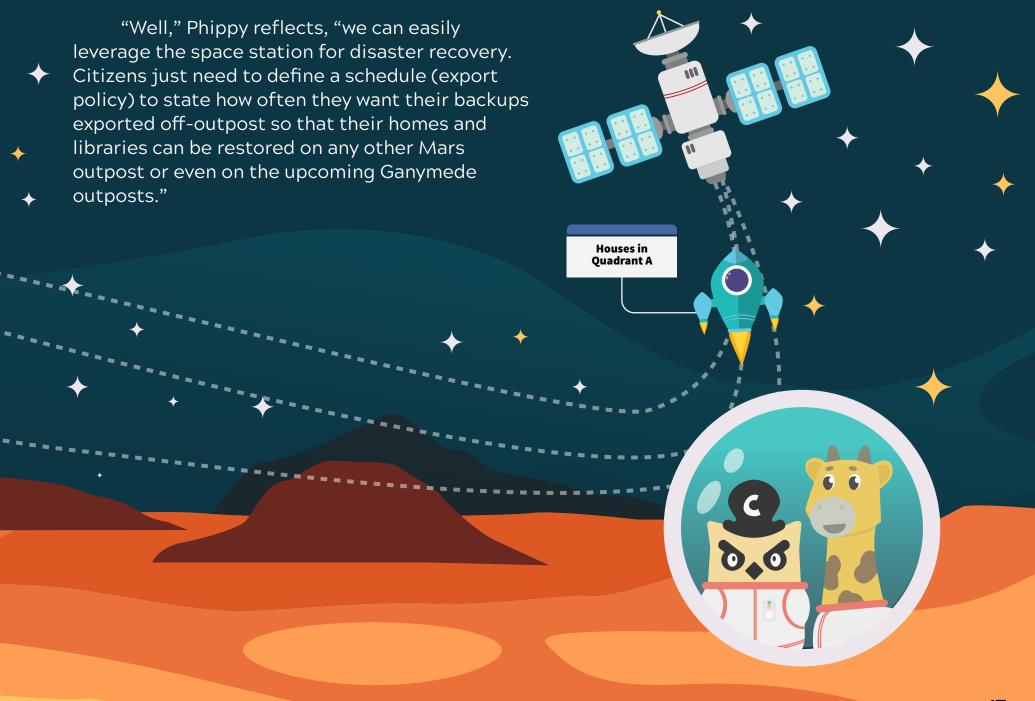


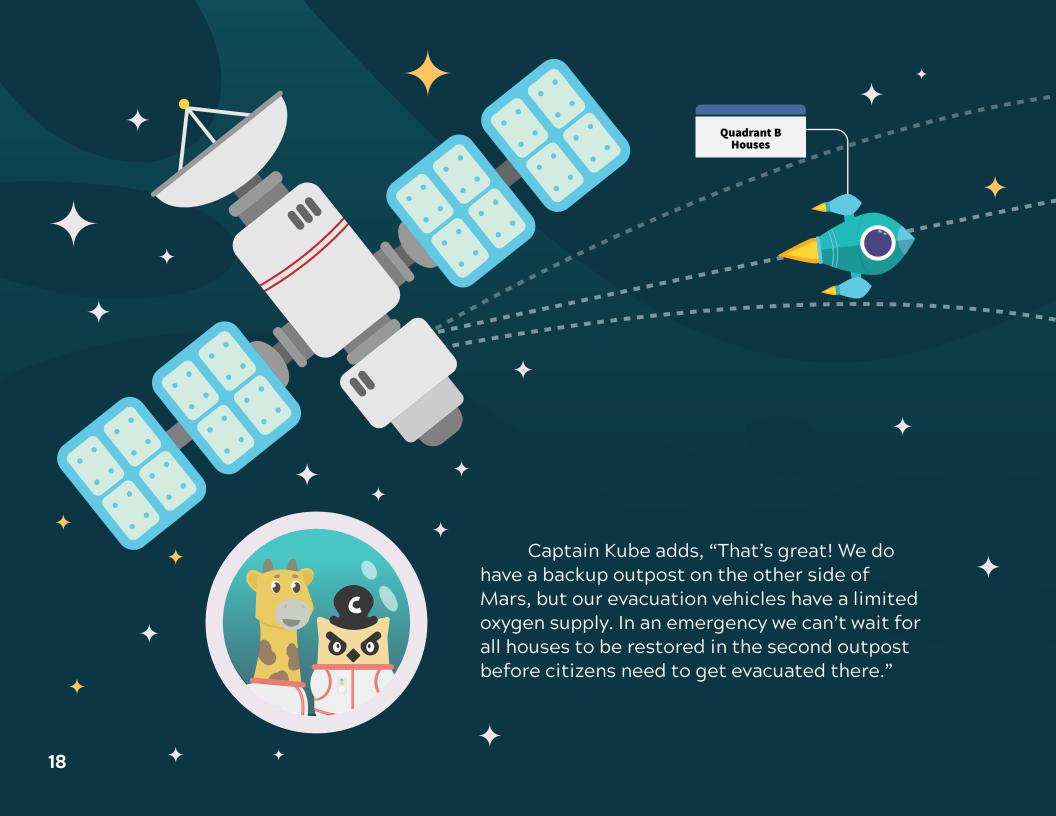


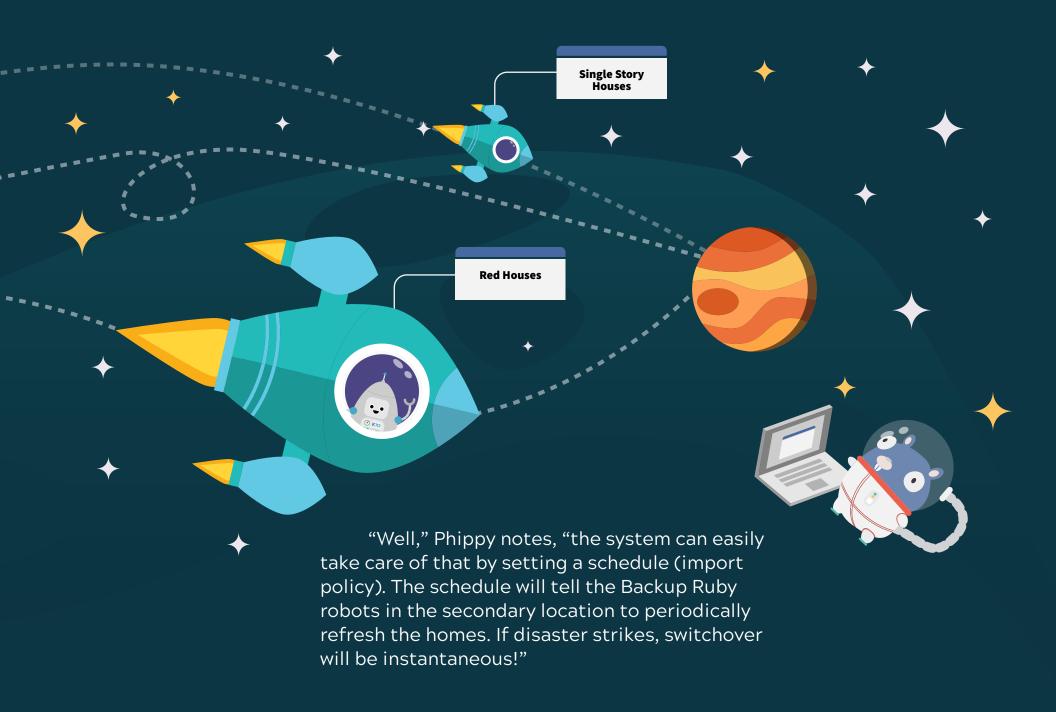


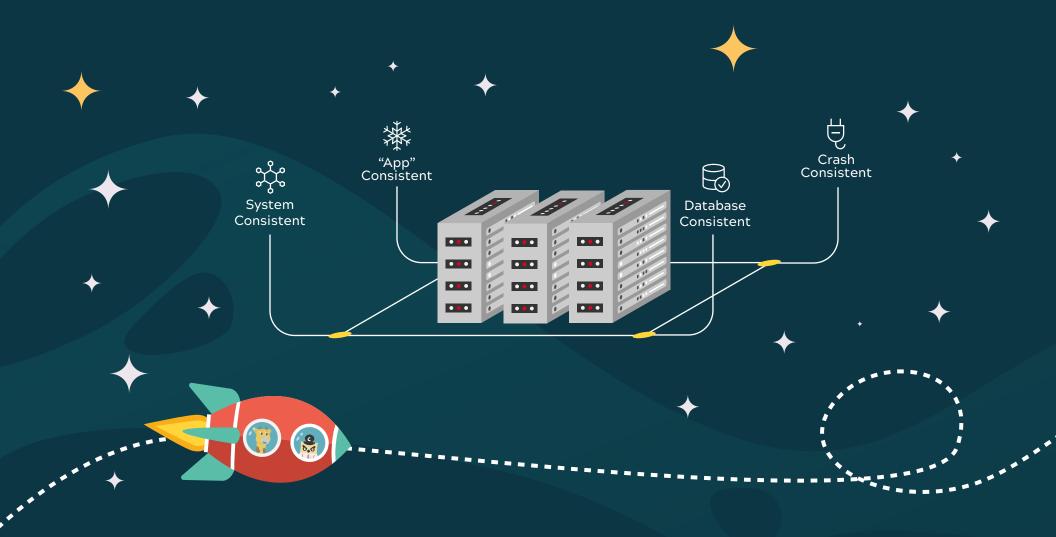
Transform and Restore





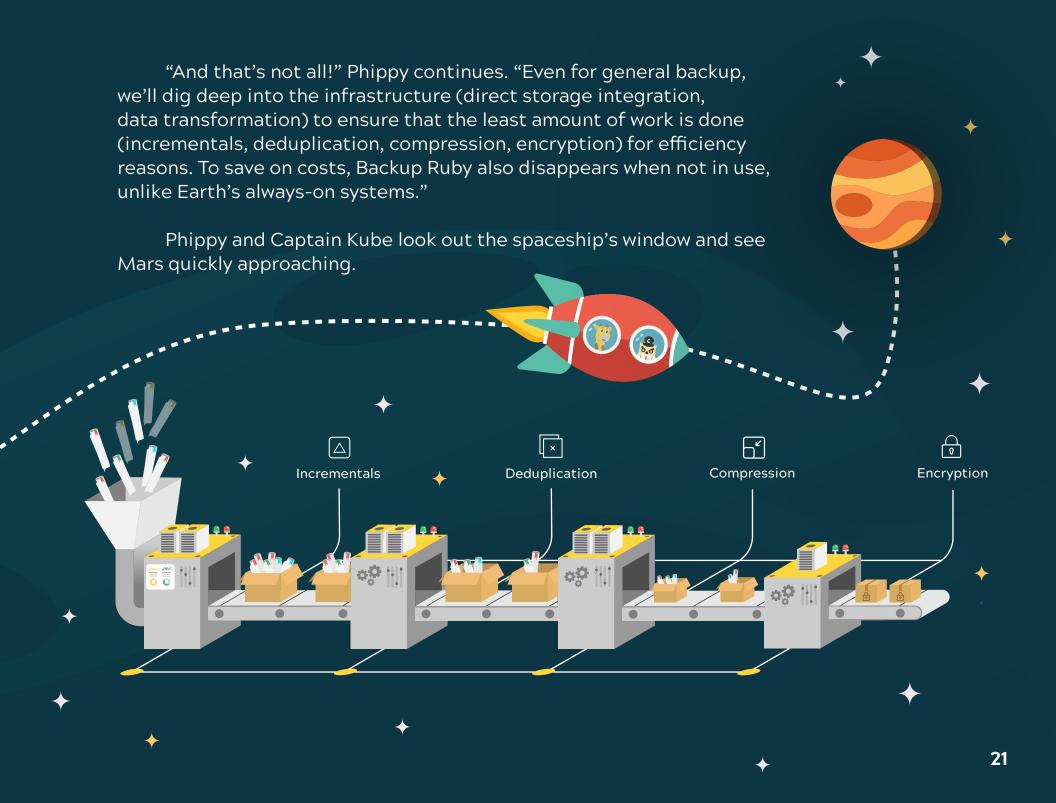




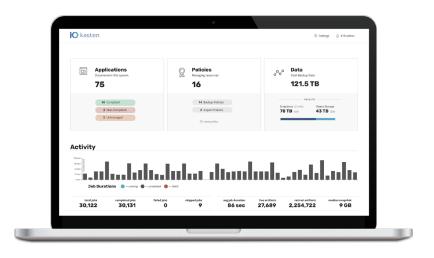


"Phippy," Captain Kube adds, "with outpost growth, protection will need to extend past the infrastructure layer and extend its reach into the house. Given multiple libraries (polyglot persistence) in many houses, and the increased consistency requirements, backup needs to be custom to the library in use."

Phippy smiles, "No problem! The backup platform I am building has a deep integration into libraries. In fact, we'll have a community bank of these integration blueprints that citizens can customize."







To learn more about Kubernetes-native backup, disaster recovery, and application mobility, check out Kasten K10, the leading cloud-native data management platform.

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