

The background of the slide shows a large, dimly lit auditorium filled with people. On the stage, there is a long horizontal banner with the word "Welcome" in white. Above the banner, several large, stylized icons are displayed, including a steering wheel, a hexagon with a circle inside, and other abstract shapes. The overall atmosphere is dark and professional.

# Hiding in the Dark

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CLOUD NATIVE  
COMPUTING FOUNDATION





**NATS**





1 It Works Really Well

cloud native definition



CLOUD NATIVE  
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state-of-the-art patterns



accessible for everyone

parable



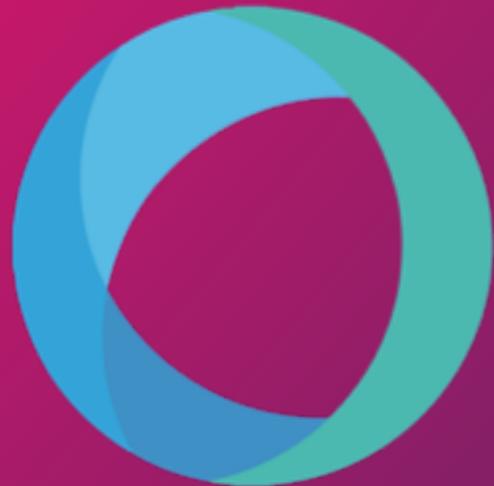












JUPITER™



kubernetes









DON'T MISS  
OUT!



END-OF-SEASON  
OUTERWEAR  
**SALE!**

Göteborg

Dub

ambo

Glasgow

TG



# MINECRAFT





Sun Mon Tues Wed Thur Fri Sat











“Why are you staring at a black screen?”



“I don’t see any zombies”

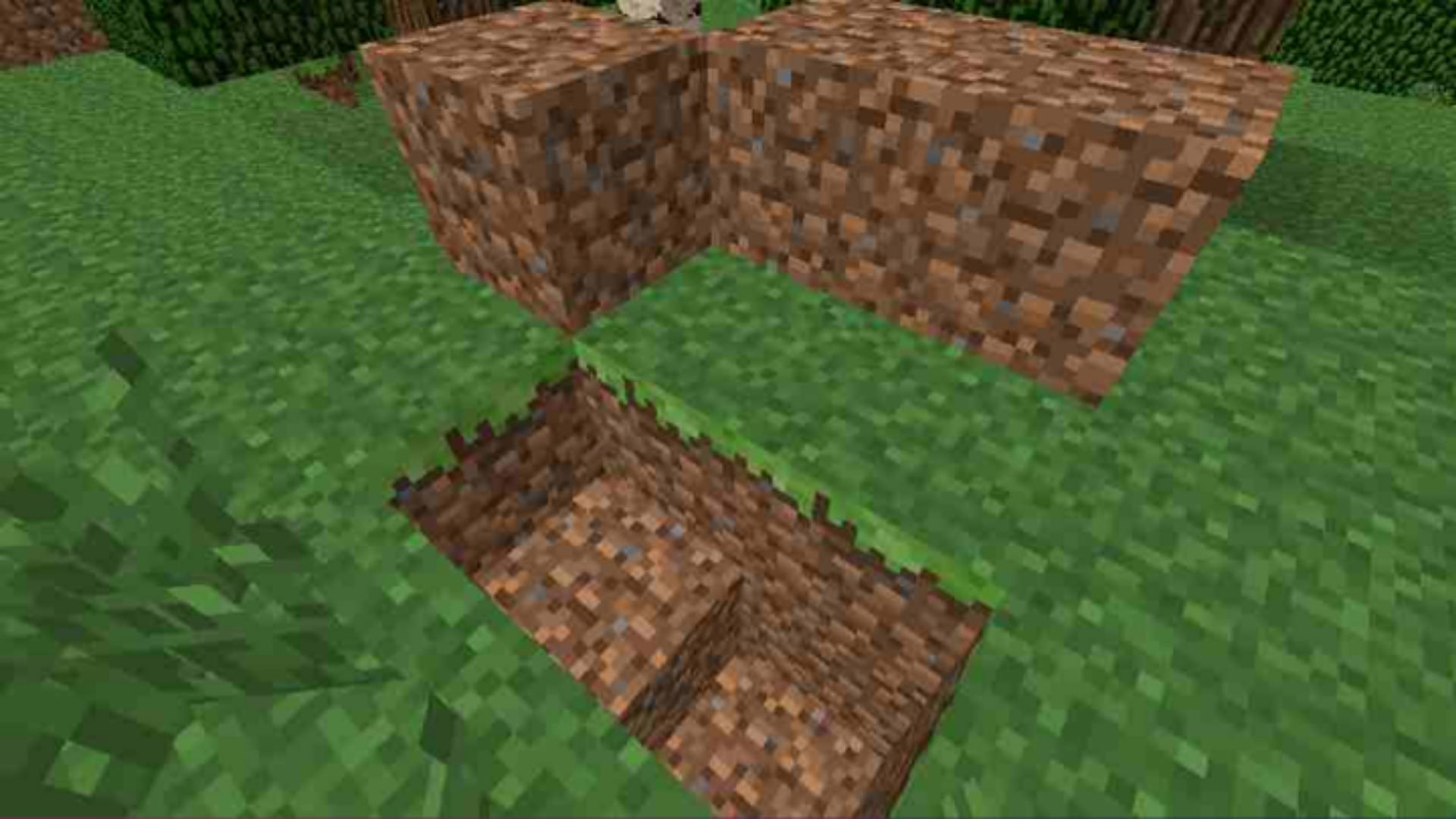














metaphor

2nd grader → most enterprises



Most Enterprises



zombies → software failures



hiding in a hole → precautionary practices

long release cycles

infrequent dependency updates

manual quality assurance







irrationally



precautionary







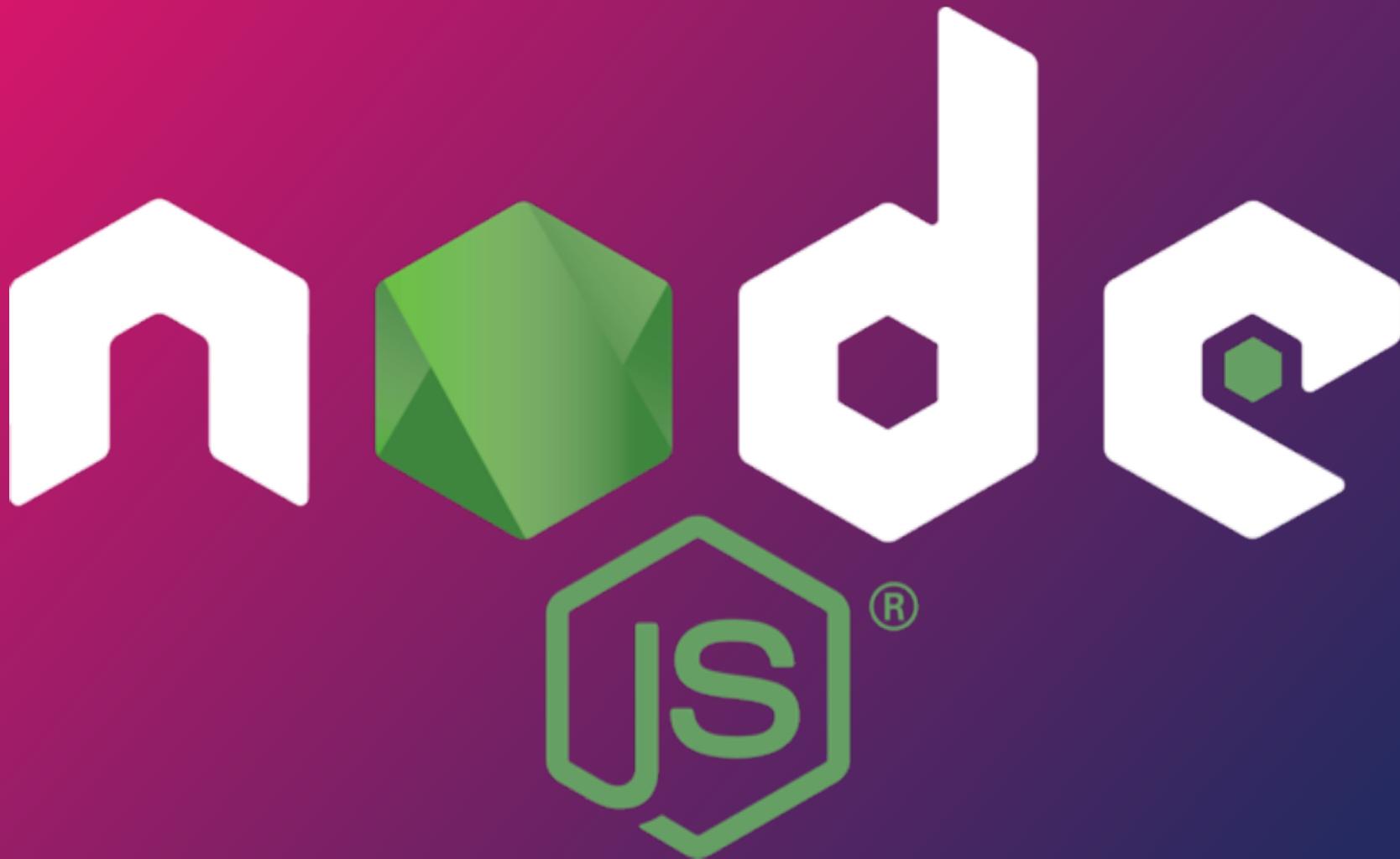
exempt



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Let's  Encrypt

CLAbot







sibling

4th grader > 2nd grader



development

operations

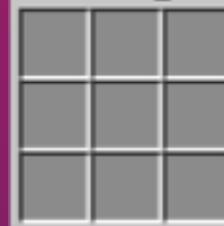
developing + operations = DevOps

mine + craft = Minecraft

mining



Crafting





simple









Crafting









complex







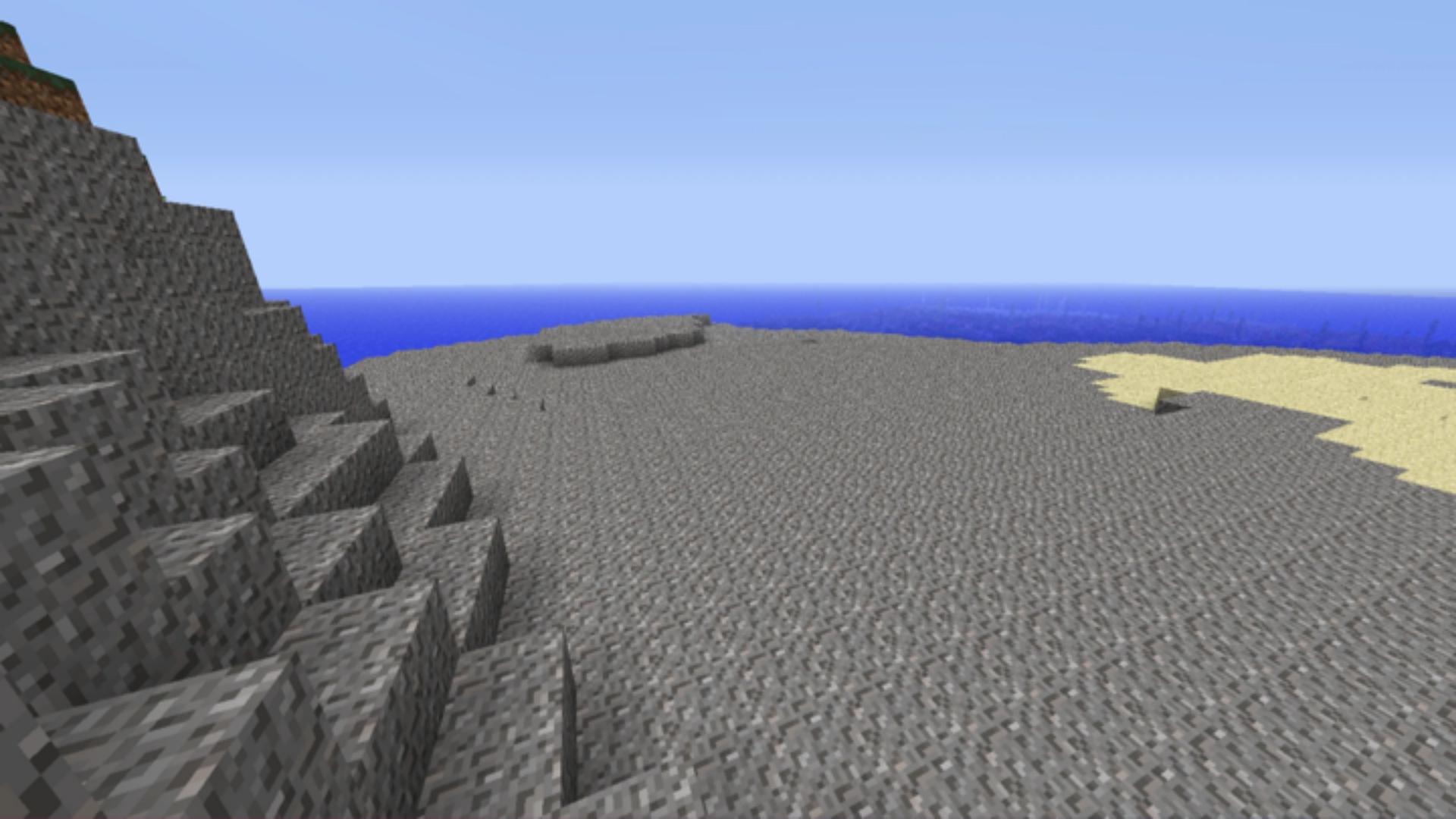


















Finally









circular dependencies

lesson

# MINECRAFT



simple



complex





KubeCon



CloudNativeCon

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North America 2019

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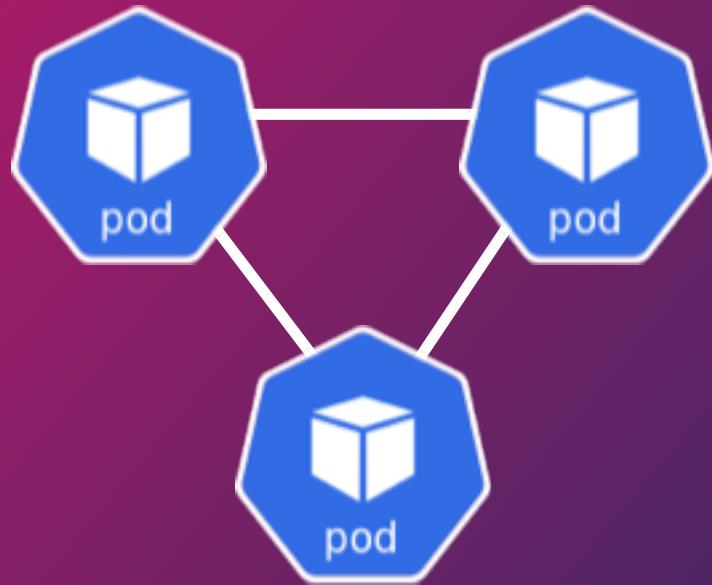
same



kubernetes



# iptables



# iptables



networking

ipfw



ipfwadm

# Internet Protocol Firewall Administrator

complete

easier

ipchains

# iptables

# netfilter

firewalling, NAT and packet mangling for linux

reimplemented

# eBPF



eBPF







kubernetes



advanced



# cgroups

# DNS



Raft





kubernetes









kubernetes





simpler

powerful



kubernetes







construct

US



4th graders

2nd graders







KubeCon



CloudNativeCon

first-timers?

2nd graders

benefits?

two

first





4th graders

2nd graders



job offers

second

2nd grader → 4th grader

community



people

contribute



5 years old





