## **Cloud** Native Adoption Is Skyrocketing. **BUT DOES SECURITY NEED A BOOSTER?**

All systems are go for cloud native app development. But once it's in the air, security concerns may prove difficult to course correct.

# we have a cloud native security problem!



### HIT BY A CLOUD NATIVE SECURITY INCIDENT IN THE PAST YEAR

### TOP INCIDENTS



Related to secrets

		53%
Lost time + resources th	at delayed launch	
		45%

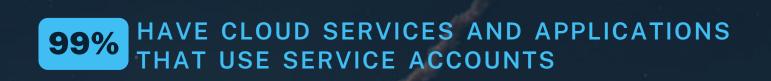
		44%
Slowed productivity	/ of the cluster	
		30%

47%

45%

43%

### Service account usage takes off, but trajectories aren't secure



Concerned about attackers harvesting sensitive data for lateral access

Worry that long-lived tokens may allow long-term unauthorized access

Fear attackers will use service account tokens to access Kubernetes APIs and deploy malicious containers

### secrets management struggles to reach escape velocity

THINK FAILING TO SECURE AT THE WORKLOAD **IDENTITY LEVEL WILL RENDER ALL OTHER** SECURITY OBSOLETE

83%



Challenged by the cost and complexity of using key vaults



Worry about unsecured secrets storage in cloud native environment



**Concerned** about non-compliant PKI using self-signed CAs

### Hybrid cloud native security has navigation challenges



CHALLENGED TO SECURE ACCESS AND AUTHENTICATION ACROSS DIFFERENT ENVIRONMENTS

Face security inconsistencies between on premises and public cloud

43%

46%

#### 36%

Lack expertise in managing secure access and authentication

# Is your cloud native security ready for lift off?

See where your peers face galactic cloud native security challenges.

#### **READ OUR RESEARCH REPORT**



The Impact of Machine Identities on the State of Cloud Native Security in 2024



Venafi, a CyberArk company, delivers comprehensive solutions for PKI, certificate management and workload identity management. Through centralized visibility and automation, Venafi secures machine identities across enterprise networks. Together with CyberArk, we provide the world's first end-to-end machine identity security platform, addressing today's challenges while anticipating future needs. visit venafi.com