

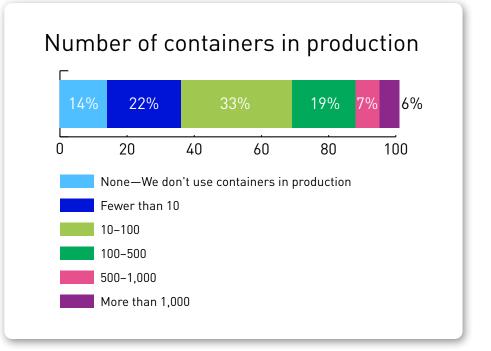
Tripwire State of Container Security Report

January 2019

As DevOps continues to drive increased use of containers, security teams are struggling to secure these new assets and processes. This report explores the challenges that organizations actively using containers today are facing, as well as the real consequences they have experienced.

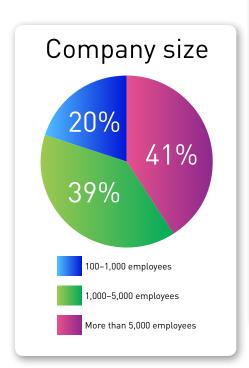
Highlights include:

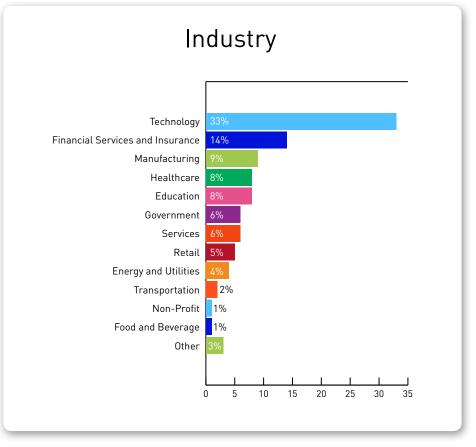
- » 94% are concerned about container security
- » 60% have had container security incidents in the past year
- » 47% have vulnerable containers in production and 46% don't know if they do

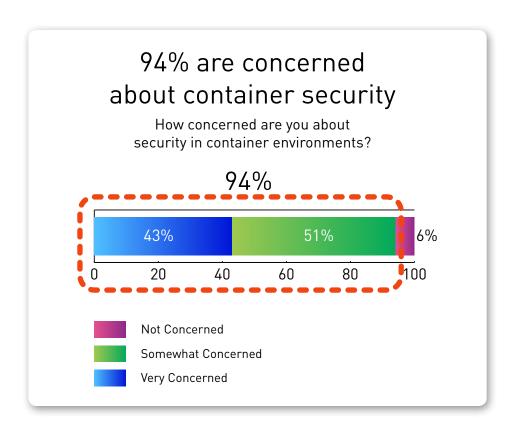


Demographics

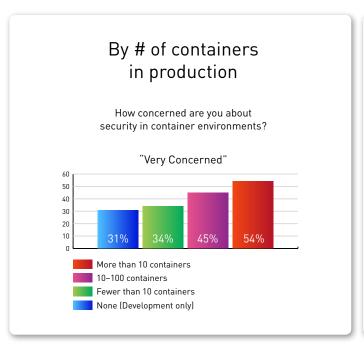
Survey respondents included 311 IT security professionals who manage environments with containers at companies with over 100 employees. Eight-six percent (269) had containers inproduction.

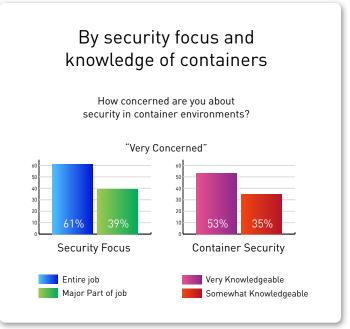




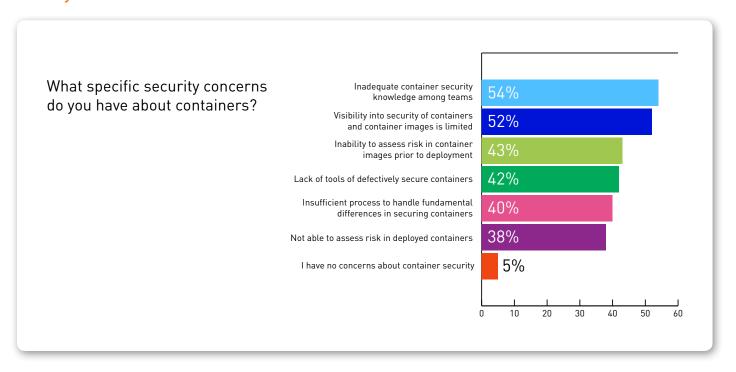


The concern increases with the number of containers in production, and is higher among those with more container security expertise.



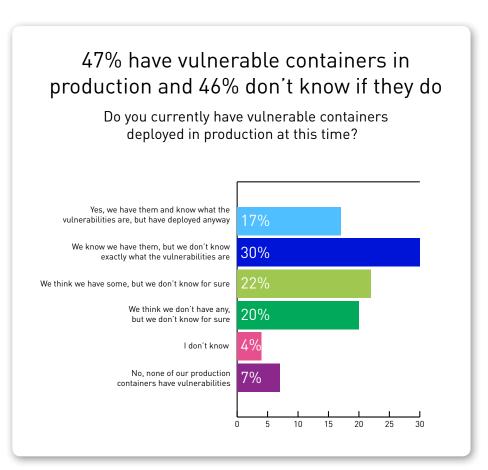


Top concerns about container security



Organizations are accepting risk and facing consequences

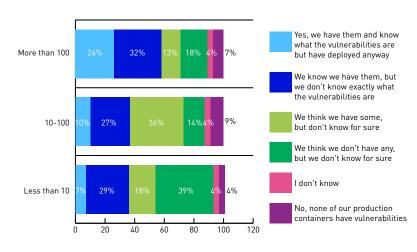
Of the 269 respondents with containers in production:



Those with the most containers in production have ignored security issues

Do you currently have vulnerable containers deployed in production at this time?

By # of containers in production

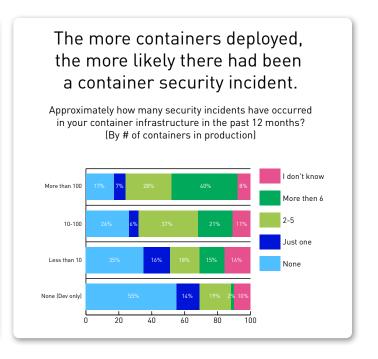


Those with the most containers in production were more likely to acknowledge that some of those containers are vulnerable.

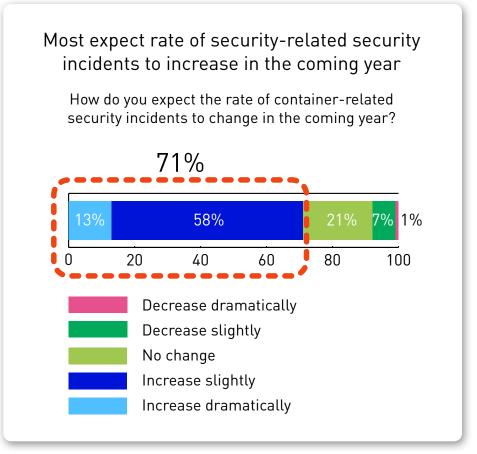
"With the increased growth and adoption of containers, security practitioners are feeling the pressure to speed their deployment. To keep up with the demand, teams are accepting unnecessary risks by not securing containers."

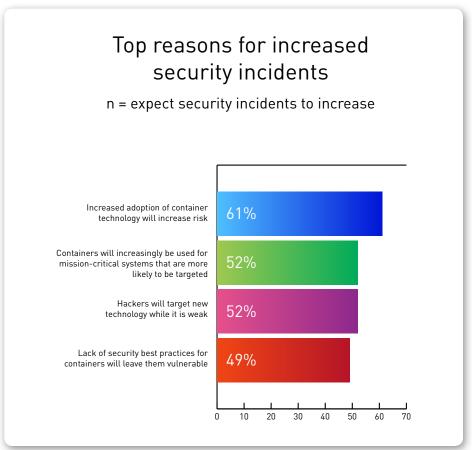
—**Tim Erlin**, Vice President of Product Management and Strategy at Tripwire

60% have had container security incidents in the past year Approximately how many security incidents have occurred in your container infrastructure in the past 12 months? 30 25 20 15 10 I don't know 11-25 Just one More than 100 6-10 None 26-100 2-5



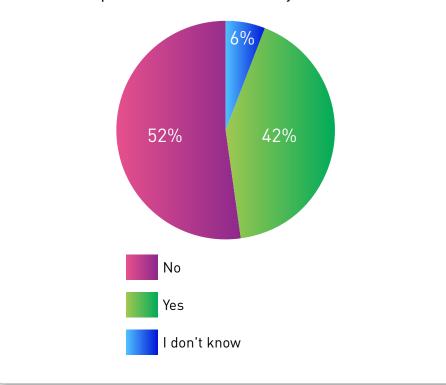
Organizations are bracing for a rise in container-related security incidents.





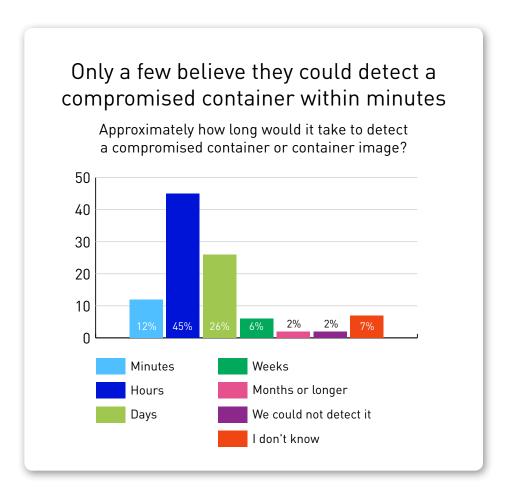
42% are limiting container adoption because of security risks

Has your company delayed or limited container adoption because of security concerns?



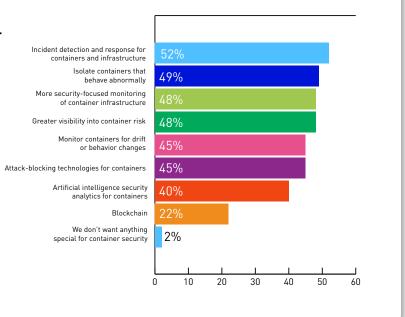
"There's a belief that you have to accept a significant amount of risk to take advantage of containers, but that's not true. Security can and should be embedded into the DevOps life cycle, incorporating vulnerability and configuration assessment of container infrastructure to monitor risks from build to production."

-Tim Erlin

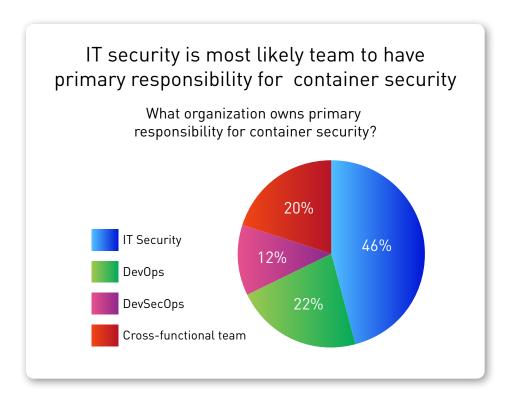


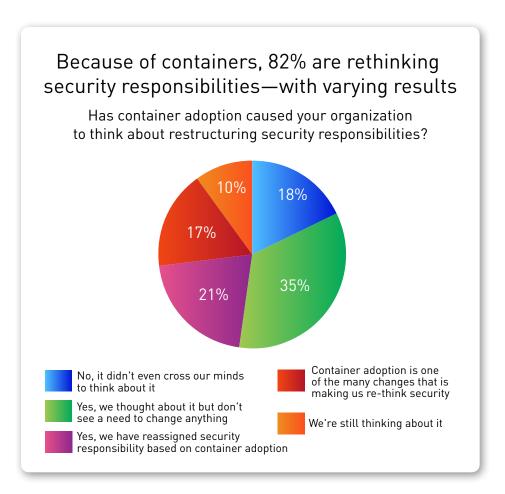
98% want additional security capabilities for container environments

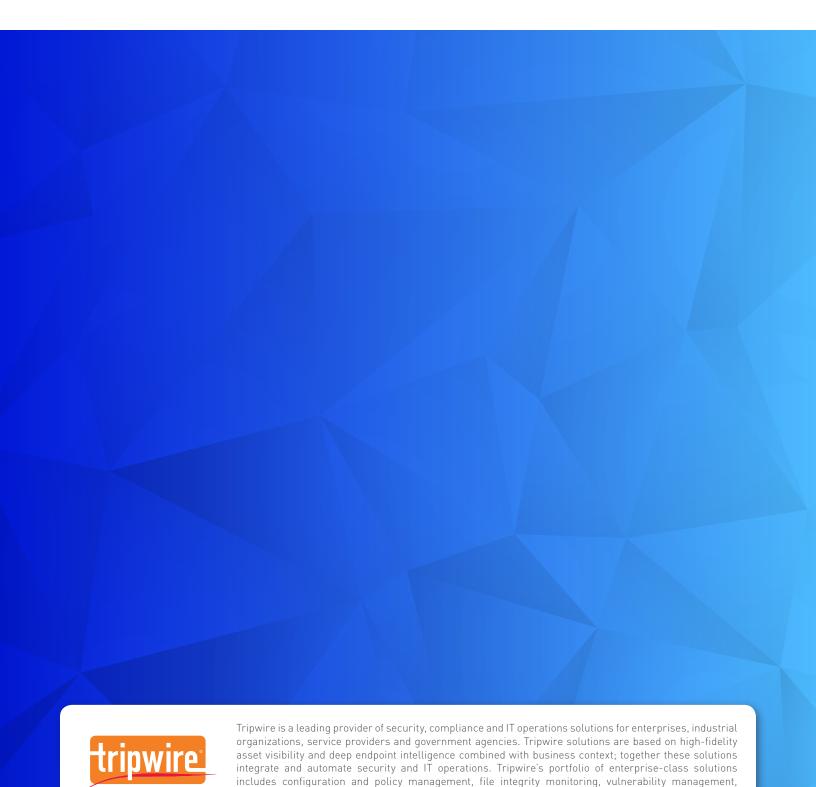
What additional security management tools or capabilities would your organization want for container environments?



Who's in charge?







log management, and reporting and analytics. Learn more at tripwire.com

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