Lab 3 (15 min)

OVERVIEW: In this lab you will experience JFrog Advanced Security value with actual docker images scanning.

EXPECTED OUTCOME: Upon successful completion of this lab you will gain knowledge of how to use the Security issues page and extract relevant value from it

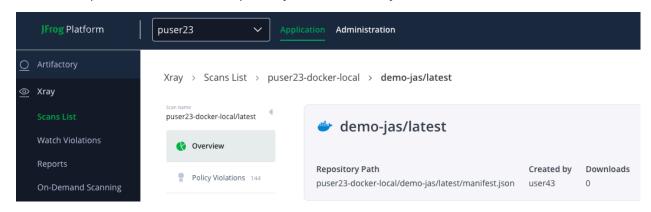
Step by step instructions

Note: The project we are working with has its own 'Dockerfile', and we have pre-built the container and pushed it to the 'puserXX-docker-local' repository in your respective Projects. We have done so to save time, but in a real life scenario we would of course expect the container to be one that your CI process built.

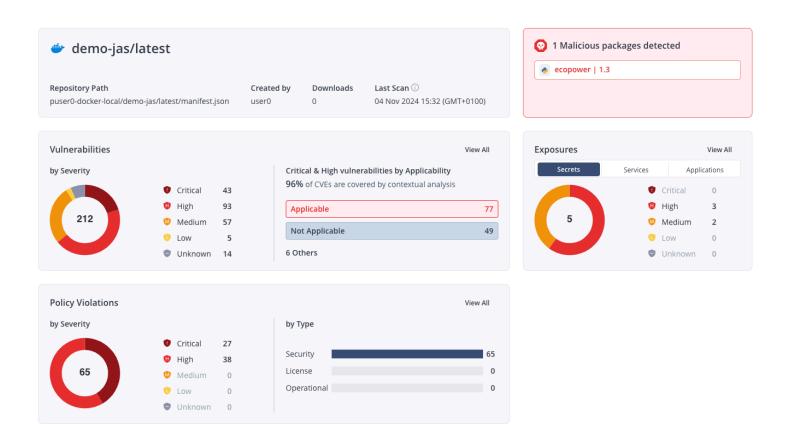
1. Open your browser and navigate to your JPD. Choose 'Xray' -> 'Scans list'.



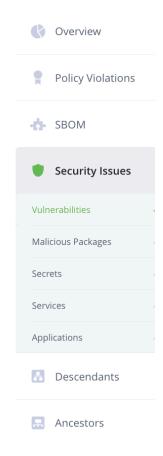
2. Choose the 'puserXX-docker-local' repository, and the 'demo-jas/latest' container.



3. Inspect the 'Overview' page, which provides a summary of the components and issues of the Container.



4. From the inner left bar, click on 'Security Issues' -> 'Vulnerabilities'.



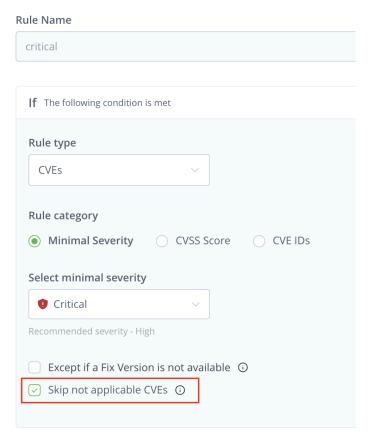
- 5. Look at "CVE-2020-14343"
 - a. Is it applicable to this docker image?
 - b. What is the risk?
 - c. What is the remediation process?
- 6. Now look at "CVE-2023-32314"
 - a. Note the CVSS score of 10!
 - b. Why is it not applicable to this docker image?
- 7. How many Critical, yet NOT APPLICABLE vulnerabilities were detected by the system?

Hint: use the Filter icon to refine the data.

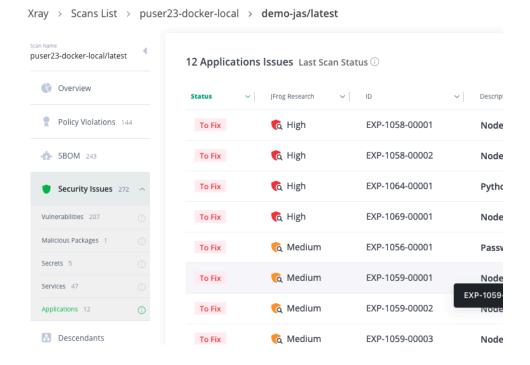
8. How many NOT APPLICABLE Violations were detected by the system?

Hint: click Policy Violations 144 to review the data.

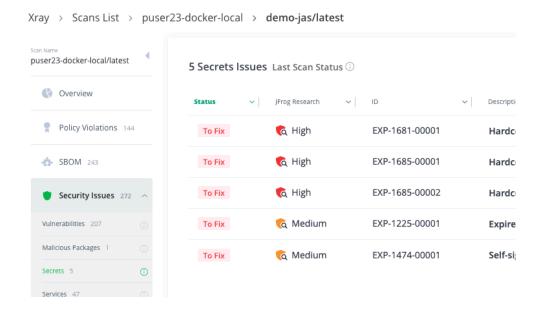
9. You shouldn't see any due to a setting in the XRay policy to 'Skip Not Applicable' CVEs from raising a violation.



10. Let's look at other data. Does your selected image have any application exposures?



11. Does your selected image have any secrets detected?



Congratulations! You have completed Lab 3