

Data Risk Assessment

Varonis + Ahead

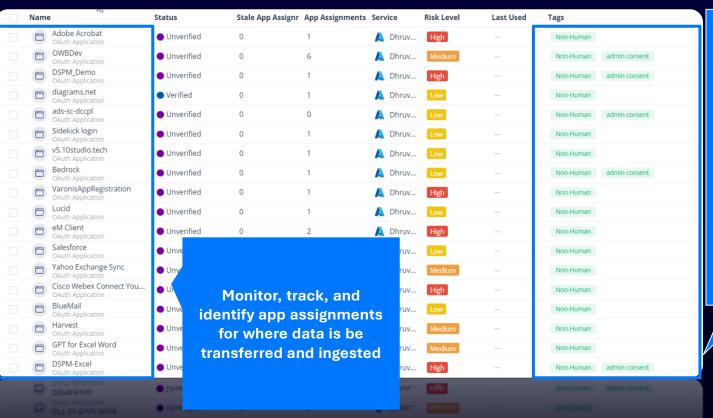
Q3 2024

Scanning Summary: Ahead + Varonis Risk Assessment

- + Okta, AWS S3, AWS Oracle, AWS Postgres, Azure Blob, Azure Postgres, Azure SQL, Azure Blob, Snowflake configured (Databricks release end of Q3 or beginning of Q4).
- + Scanning Results from September 3rd 9th
 - + Scanned all DBs
 - + Scanned all Azure Blob and Snowflake
 - + 80% of S3 was scanned (Averaged 14TB/Day with EKS cluster > Maxed out S3 rates and EC2 network ingress rates)
 - + AWS total files processed 1.5 Million (due to rescan)
 - + Total Amount of Data scanned 180TB

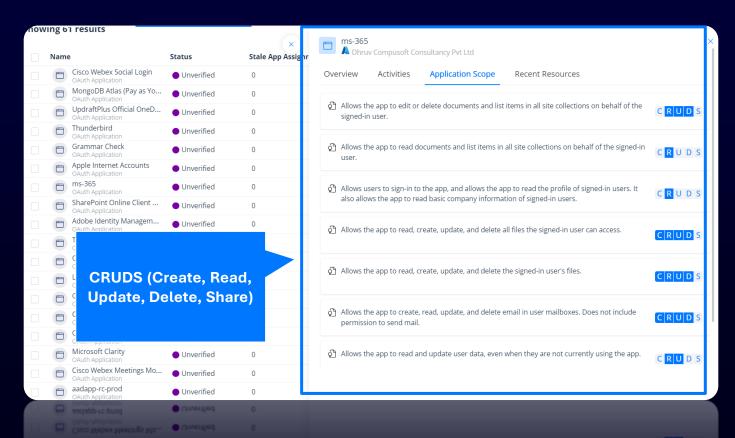


3rd Party Application Risk

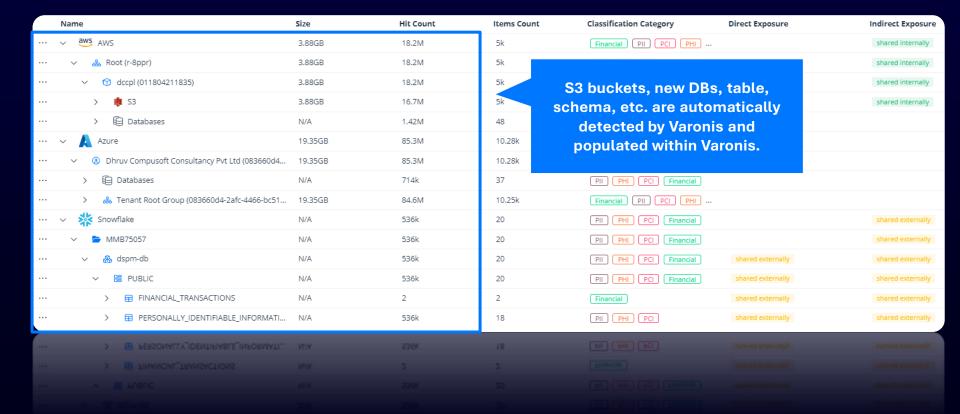


Map when apps have or do not have admin consent to validate apps and connections

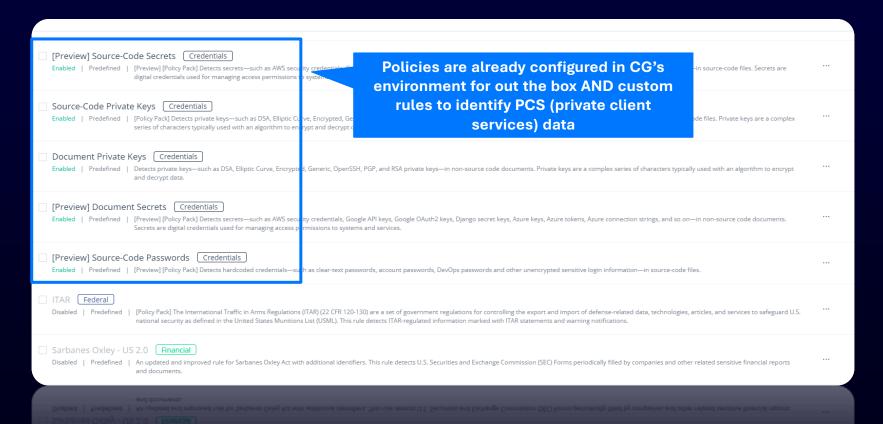
3rd Party Application Risk is linked to over permissive access to data stores. Creating unnecessary exposures and automatic data creation in unsanctioned areas



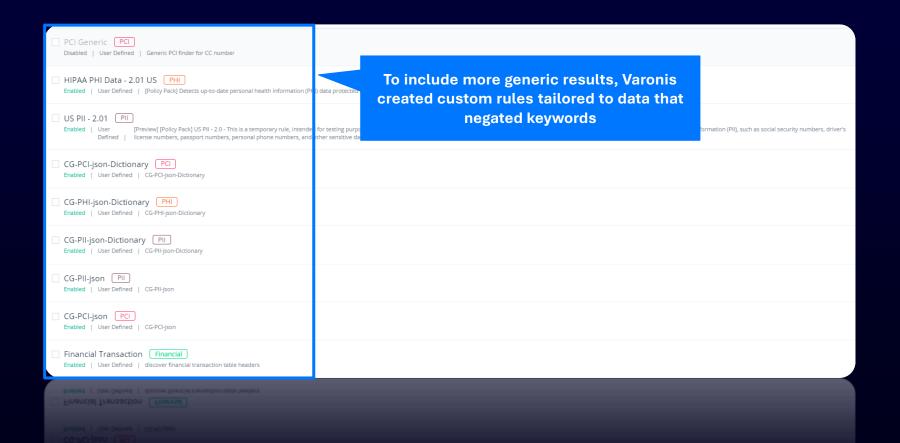
Monitoring all data stores to map permissions, entitlements, classification, exposures, and activity



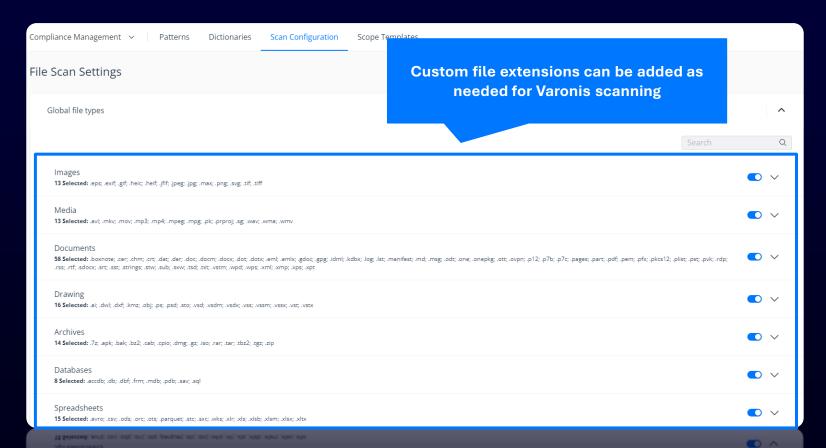
Pre-Built Classification rules, Al Classification, and Sampling options all provided within Varonis.



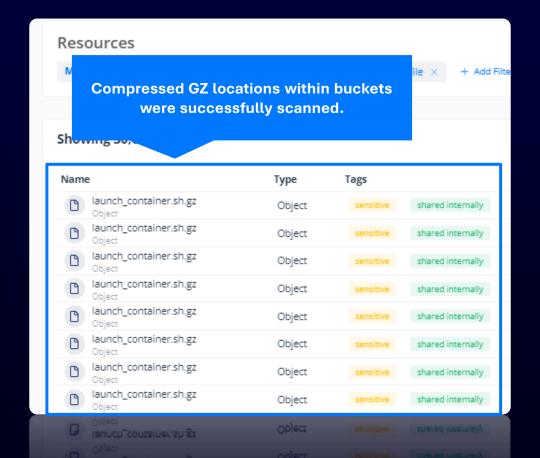
Custom classification rules built and scanned



Classifications can be linked to patterns, dictionaries, Regex, AI, sampling, or a combination to scan all file types



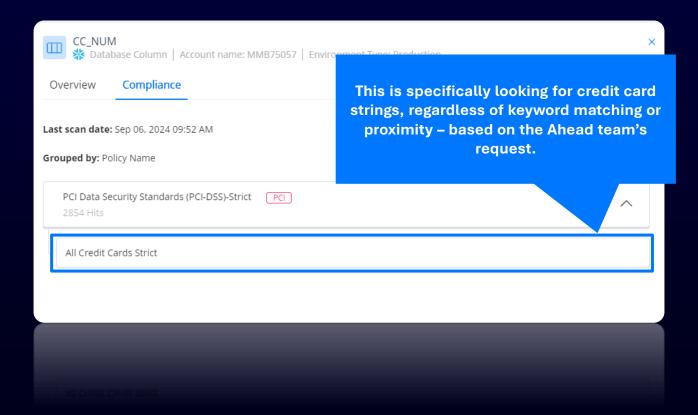
The scope included all file types, buckets, and locations



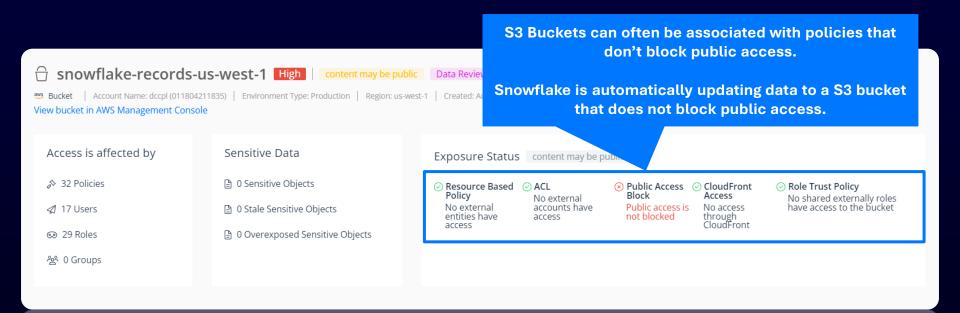
Custom classification built during the assessment to look for specific key words (CC_NUM, DL, NUMBER, FULL_IDENT)



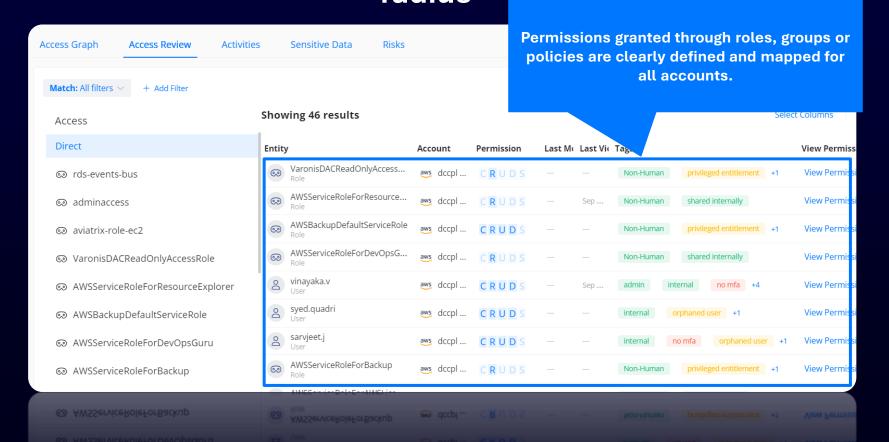
Sensitive files are linked to specific rules that indicate how and why it has been classified to limit false positives.



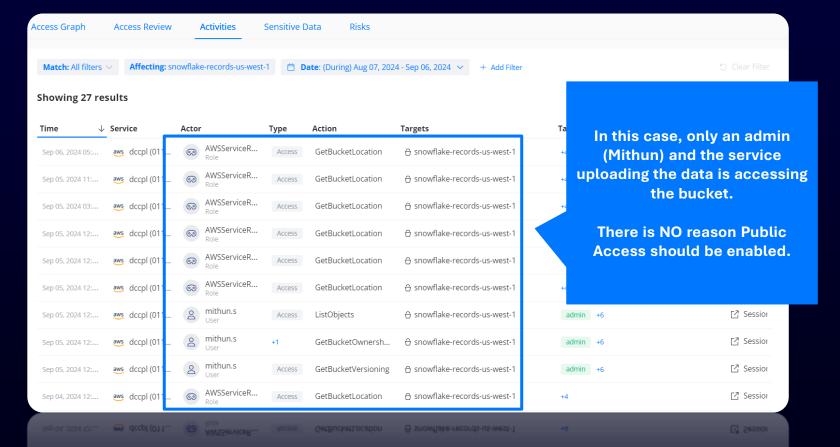
Once data is identified and validated, Varonis dives into sources of exposure



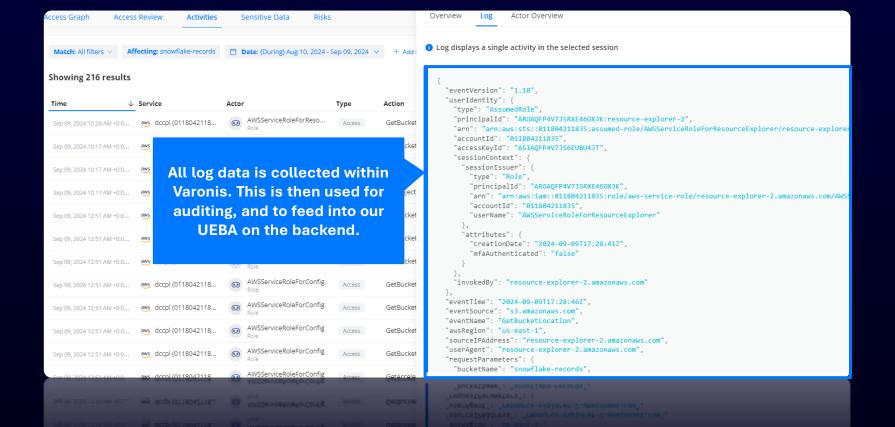
Varonis maps permissions and entitlements on all locations to understand sources of exposure and potential blast radius



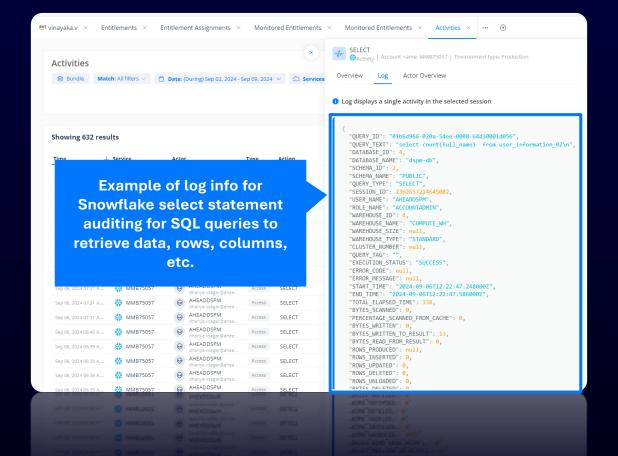
All activities are tracked within Varonis to validate who has been accessing data to remove exposures



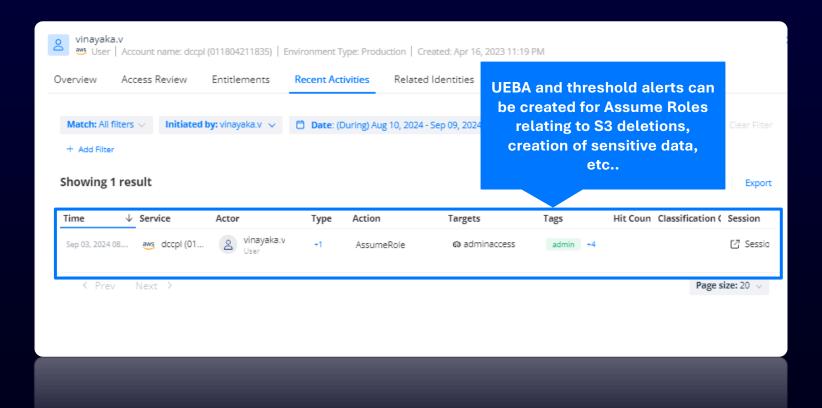
Session information is gathered and normalized to create baselines for user/account profiles



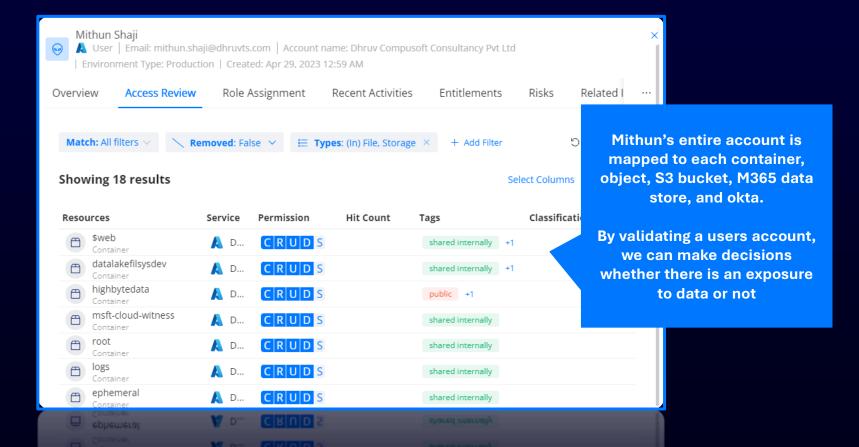
All log data is gathered across each data store



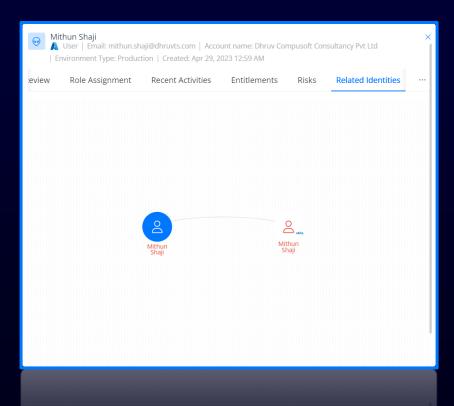
Activities span from abnormal behavior to assumed roles. Since Varonis audits this, CG's alerts and reports can be created for threat detection.



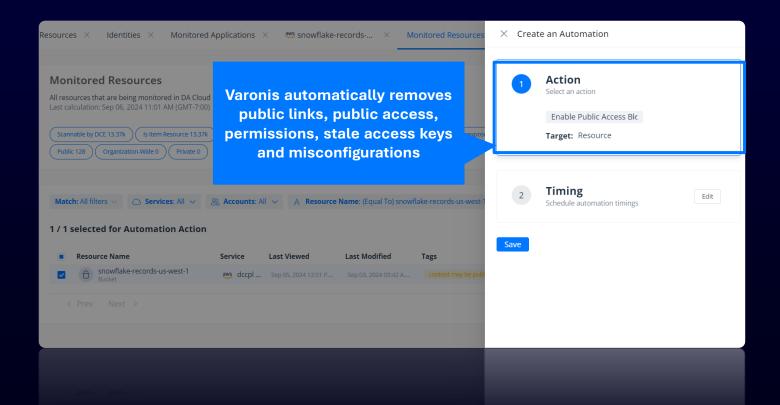
To validate a users activities, a profile is fully built with their access, roles, attributes, and linked identities



Each account is linked to all other data stores tied to the user. These identities can give insights into potential exposures across platforms.



Once data is validated, exposures are identified, and activity and access are validated – we remediate the risk.



Remediation expands to access keys, removing misconfigurations, removing stale user access and more.



Remediations on misconfiguration and data automation is already being done across CG's M365 and Box Environment

OneDrive File Exposure Progress



Remediations on misconfiguration and data automation is already being done across CG's M365 and Box Environment

Collaboration Link Exposure Progress

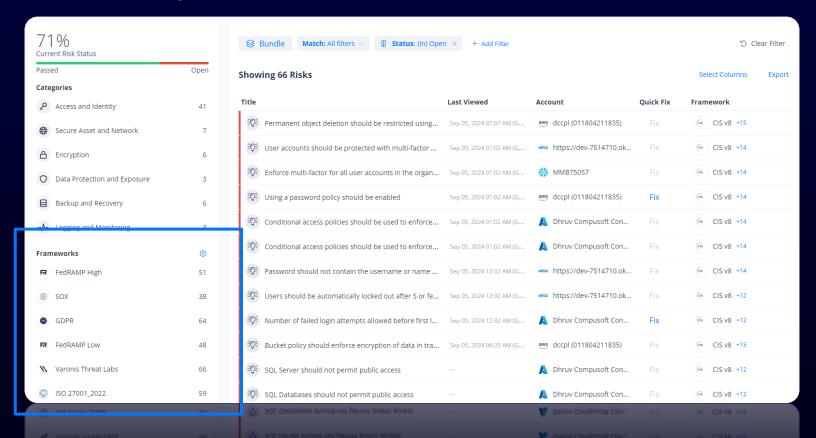


Similar remediations on misconfiguration and risk is already being done across CG's M365 and Box Environment

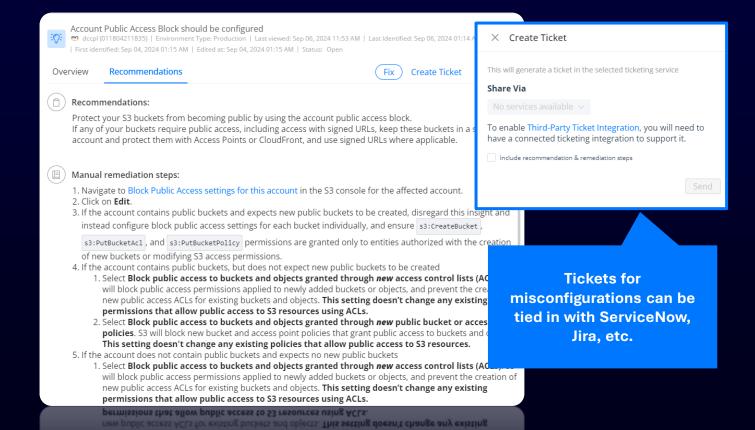
Box Record Exposure Progress (726K > 587K in 3 weeks)



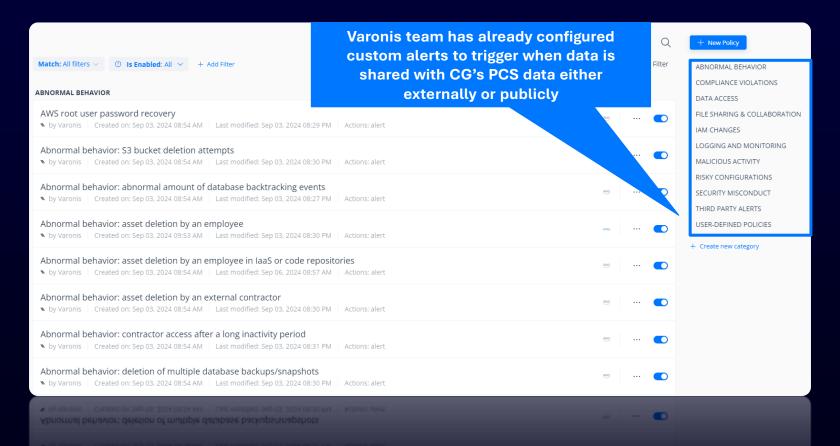
Remediations extend to misconfigurations and posture management linked to security frameworks.



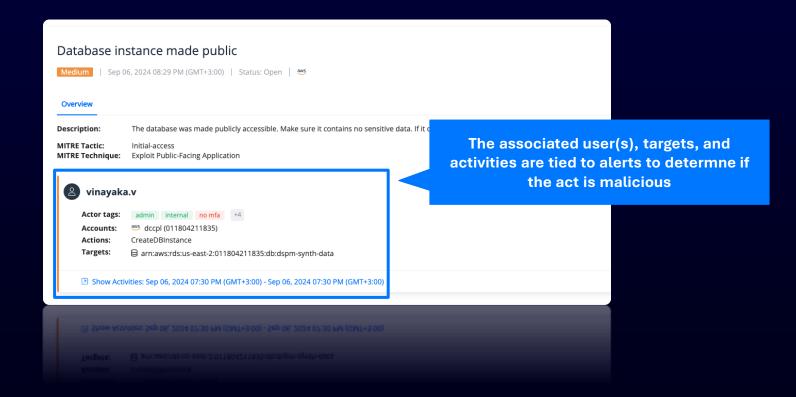
Misconfigurations and risk are fixed directly through Varonis and tickets are created with via APIs



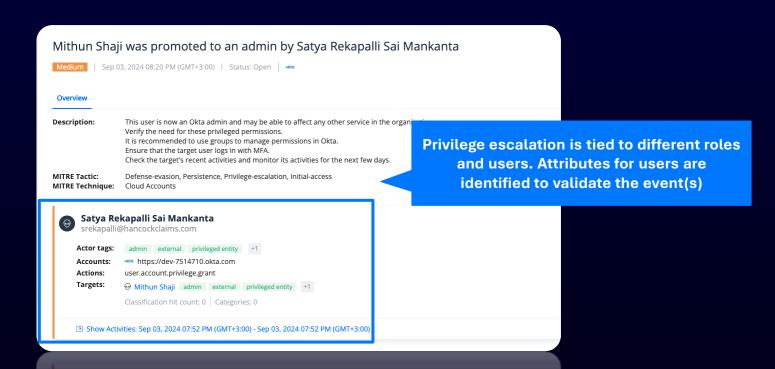
As exposures are remediated, UEBA alert policies will be tied to potential data exposures, risky sharing, etc.



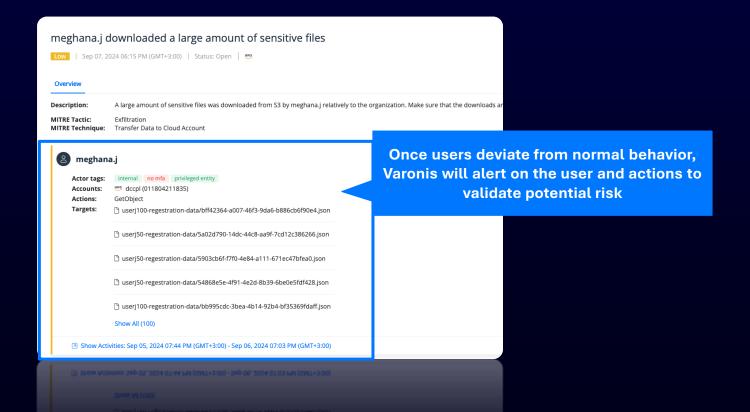
When buckets, instances, or containers are made public Varonis will alert and track all activity around the event(s)



As user behaviors are baselined, Varonis alerts on unusual events that would be associated with privilege escalation or abnormal data events



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Thank you.

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VARONIS SYSTEMS, PROPRIETARY & CONFIDENTIAL