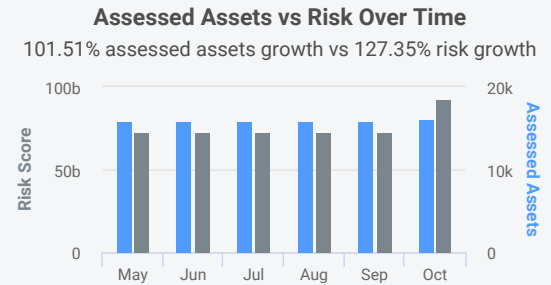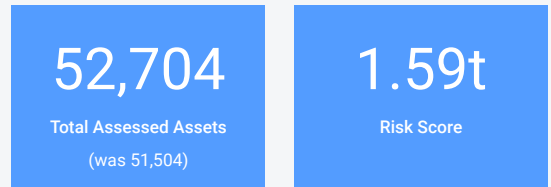## 01. Environment Overview - Assets from 09/01/2018 to 10/01/2018

An overview of the assets in your environment helps you understand the scale and effectiveness of your security assessment operations. By assessing your environment in real-time, you can understand the known blind spots and see if they are growing. The accuracy of your data depends on how often you assess your environment.
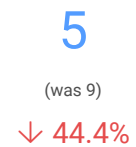
52,704
Total Assessed Assets
(was 51,504)

1.59t
Risk Score

Assessed Assets vs Risk Over Time
101.51% assessed assets growth vs 127.35% risk growth

New Assets
842
(was 204)
↑ 312.7%

Assessment Ratio
52.50%
(was 51.75%)
↑ 1.5%

New Software
18
(was 8)
↑ 125.0%

New Services
5
(was 9)
↓ 44.4%

Discovered Assets
90.62% of new assets are not assessed

● 52704 Assessed (52.50%)
● 47680 Not Assessed (47.50%)
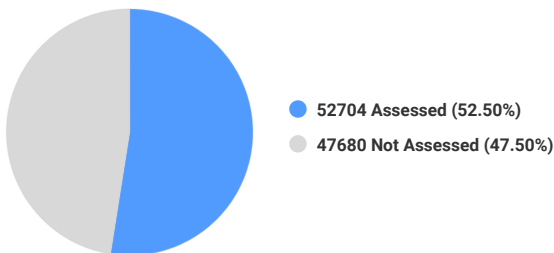
Assessment Counts of Assets
Assets were assessed an average of **22 times** for this period

Assessment Counts of Assets
● **Number of Assets**
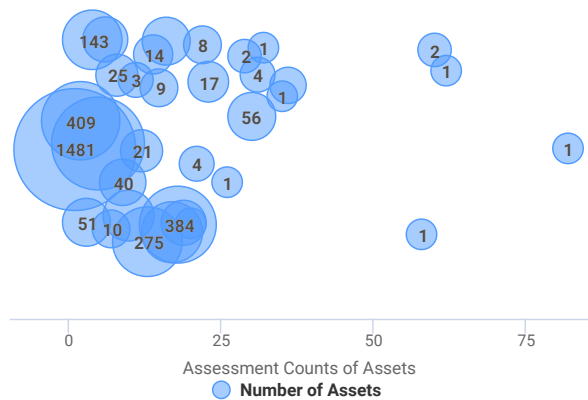
Regularly assessing your environment for vulnerabilities provides an accurate view of your environment's risk. The "Discovered Assets" chart shows the percentage of assets that were evaluated for vulnerabilities in your known environment within the report period. The "Assessment Counts of Assets" distribution graph shows the number of times individual groups of assets were counted during the report period, which influences the accuracy of your security data.

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02. Environment Overview - Vulnerabilities from 09/01/2018 to 10/01/2018

The vulnerabilities overview shows the amount of risk introduced during the reporting period in relation to the overall risk of the environment. The constant introduction of new and large vulnerabilities creates a downstream impact for assessment and remediation teams. New critical or exploitable vulnerabilities may indicate opportunities to improve deployment templates or processes.

10.48m
Total Vulnerabilities

52.47%
Critical Vulnerabilities

Vulnerabilities and Risk Over Time
100.96% vulnerabilities growth vs 127.35% risk growth
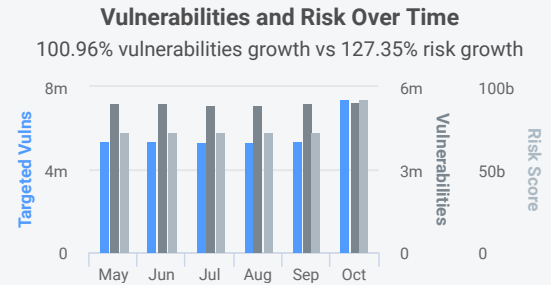
New Vulnerabilities

116,789

(was 15,285)

↑ 664.1%

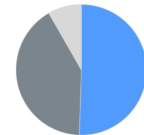**New Targeted Vulnerabilities**

762

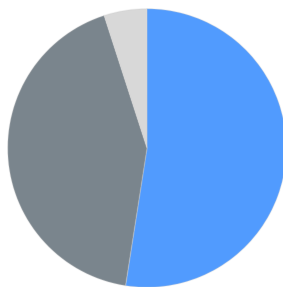(was 60)

↑ 1170.0%

New Risk

59.48m

(was 7.07m)

↑ 741.4%

New Vulnerabilities by Criticality

- 58950 Critical (50.51%)
- 48083 Severe (41.20%)
- 9674 Moderate (8.29%)

Vulnerabilities by Criticality

52.47% of your vulnerabilities are critical

- 5498922 Critical Vulnerabilities (52.47%)
- 4460297 Severe Vulnerabilities (42.56%)
- 521434 Moderate Vulnerabilities (4.98%)

Available Exploits

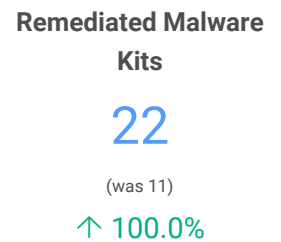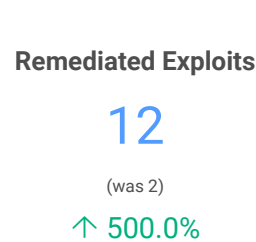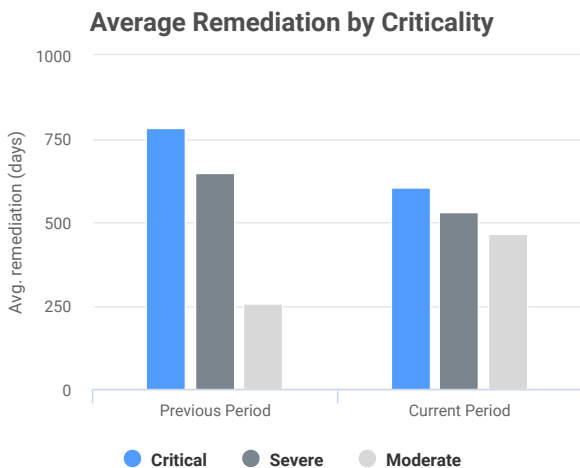4,234

(was 4,220)

↑ 0.3%

Available Malware Kits

150

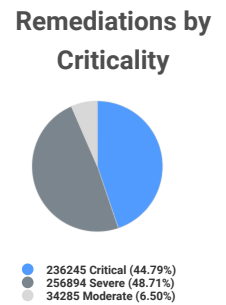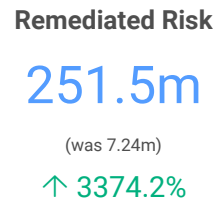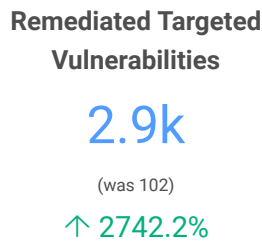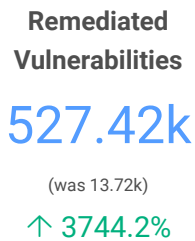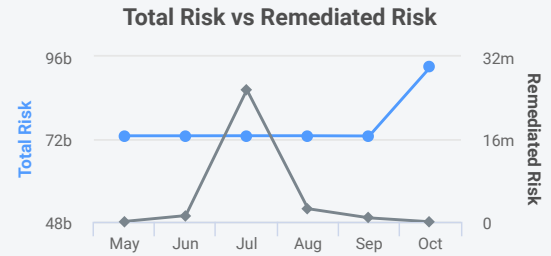(was 123)

↑ 22.0%

Each report period categorizes vulnerabilities by criticality and exploitability so you can identify risk. Significant increases in either may indicate a need to increase remediation efforts.

03. Environment Overview - Remediation
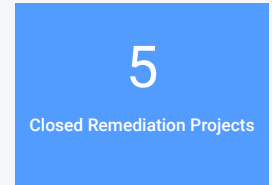## from 09/01/2018 to 10/01/2018

The remediation overview examines how effectively your organization reduced risk during the reporting period. It is important to have a remediation process that prioritizes exploitable or targeted vulnerabilities, that pose the highest risk.

527.42k	1:4.23
Remediated Vulnerabilities	New Risk vs Remediated Risk

Total Risk vs Remediated Risk

Remediated Vulnerabilities

527.42k

(was 13.72k)

↑ 3744.2%

Remediated Targeted Vulnerabilities

2.9k

(was 102)

↑ 2742.2%

Remediated Risk

251.5m

(was 7.24m)

↑ 3374.2%

Remediations by Criticality

- 236245 Critical (44.79%)
- 256894 Severe (48.71%)
- 34285 Moderate (6.50%)

Average Remediation by Criticality

- **Critical** **Severe** **Moderate**

Remediated Exploits

12

(was 2)

↑ 500.0%

Remediated Malware Kits

22

(was 11)

↑ 100.0%

Remediation time indicates the effectiveness of your remediation program. Lower average remediation times for critical vulnerabilities indicates proper prioritization. To lower your risk exposure, remediate vulnerabilities with exploits or malware kits first.

04. Environment Overview - Program Improvements from 09/01/2018 to 10/01/2018

The Remediation Projects feature in InsightVM helps security teams initiate and track the progress of remediation efforts across your organization. Monitoring the rate at which new remediation projects are opened and closed can provide insight into the efficiency of remediation efforts. Security teams can prioritize and organize assets by tagging them. Untagged assets run the risk of not being assessed regularly and managed for security vulnerabilities. InsightVM has multiple ways of collecting vulnerability data from assets, but the Insight Agent provides the best visibility into that data. The more assets that are installed with agents, the greater the visibility into security risks.

19	5
New Remediation Projects	Closed Remediation Projects

Tagged Assets
43,307
(was 43,009)
↑ 0.7%

Assets with Agents
1,380
(was 1,364)
↑ 1.2%

05. Environment Overview - Location Tags from 09/01/2018 to 10/01/2018

Location Tags can be applied to assets in InsightVM to help security teams identify, prioritize, and segment activities based on overall risk in defined locations. Use these metrics to track location-based assignments, as well as monitor assets by their tagged location for new and remediated risk.

62	12.30%
Location Tags	of environment tagged by location
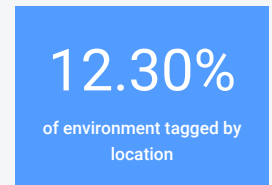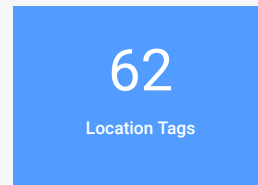
Top 5 Locations		New Risk by Location		Remediated Risk by Location	
6684 Assets 6.66%	Paris	Paris	4.1m	Paris	137.37m
5353 Assets 5.33%	Lab	LA office	1.24m	LA office	35.03m
5274 Assets 5.25%	Los Angeles Dat…	Lab	54.32k	Boston	23.54k
4735 Assets 4.72%	Los Angeles Dat…	Boston	450	Lab	780
4724 Assets 4.71%	Boston	Los Angeles	230	Los Angeles	10

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06. Environment Overview - Owner Tags from 09/01/2018 to 10/01/2018

Owner Tags can be applied to assets in InsightVM to help security teams identify, prioritize, and segment activities based on the overall risk by defined owners. Use these metrics to track owner-based assignments, as well as monitor assets by their tagged owner for new and remediated risk.

52
Owner Tags

8.31%
of environment tagged by owner
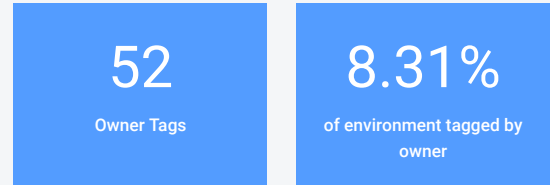
Top 5 Owners

|	
4327 Assets 4.31%	DevOps
3548 Assets 3.53%	Web Team
3509 Assets 3.50%	IT
2220 Assets 2.21%	Backend
1693 Assets 1.69%	Sam Foo

New Risk by Owner

Sam Foo	987.23k
Boston Office	274.84k
Boston Users	240.63k
Paris Office	1.23k
Bill	10

Remediated Risk by Owner

Bill	987.12k
Boston Office	891.85k
Boston Users	888.74k
Sam Foo	87.63k
Paris Office	321

07. Environment Overview - Criticality Tags from 09/01/2018 to 10/01/2018

Criticality Tags can be applied to assets in InsightVM to help security teams identify, prioritize, and segment activities based on the overall risk by defined criticalities. Use these metrics to track criticality-based assignments, as well as monitor assets by their tagged criticality for new and remediated risk.

89
Criticality Tags

32.22%
of environment tagged by criticality
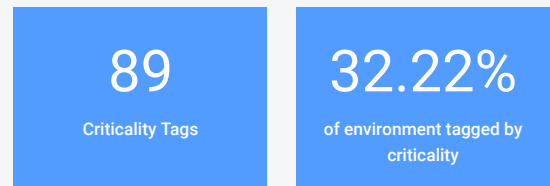
Top 5 Criticalities

5353 Assets 5.33%	Very Low
4326 Assets 4.31%	Very High
3846 Assets 3.83%	High
3579 Assets 3.57%	Medium
3548 Assets 3.53%	Very Low

New Risk by Criticality

High	16.48m
Very Low	123.14k
Very High	2.57k
Medium	1.21k
Low	120

Remediated Risk by Criticality

High	100.95m
Very High	33.69m
Very Low	1.25k
Medium	890
Low	20