ABC Corporation Daily SOC Report

INFOPERCEPT Sample Report 2021

YOUR DATE HERE

COMPANY NAME Authored by: Your Name



Infopercept

Your Ally in Digital Warfare



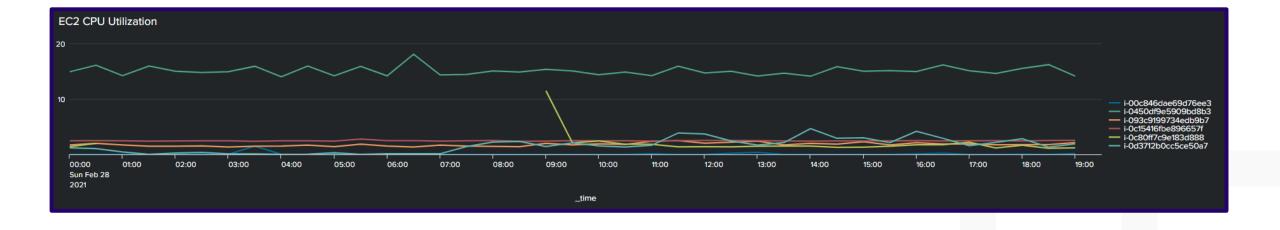
AWS Overview : Apps Servers

Running Instances	33 (9:00AM to 9:00PM)
Stopped Instances	33
Production Instances	21

PRIVATE_IP	ADDRESS	KEY_NAME		ID	INSTANCE_TYPE
10		Adı	:e	i-0450df9e5909bd8b3	r5a.2xlarge
10	<u>)</u>	Pro	·1	i-07bc6d596daa7a14a	r5.8xlarge
10)	Prc	2	i-093c9199734edb9b7	r5.8xlarge
13.2	33	Lir Ta	9	i-0c15416fbe896657f	t2.medium
13	1	Linu	-7-	i-0c80ff7c9e183d888	m5a.4xlarge
1		L S		i-0d3712b0cc5ce50a7	c5a.2xlarge
10		L St		i-0f6926fd1e5c1dc4c	c5a.2xlarge
1		Nç Red E	31-	i-00c846dae69d76ee3	c5.large
1		Nç Red E	- 3I- -	i-07ba56ebef8409f8f	c5.large

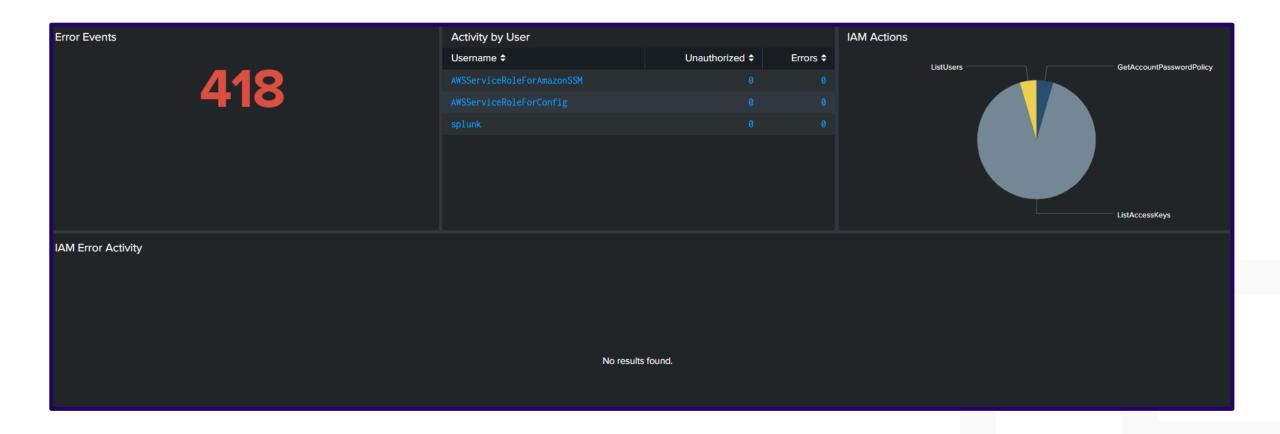
AWS Overview: CPU Utilization

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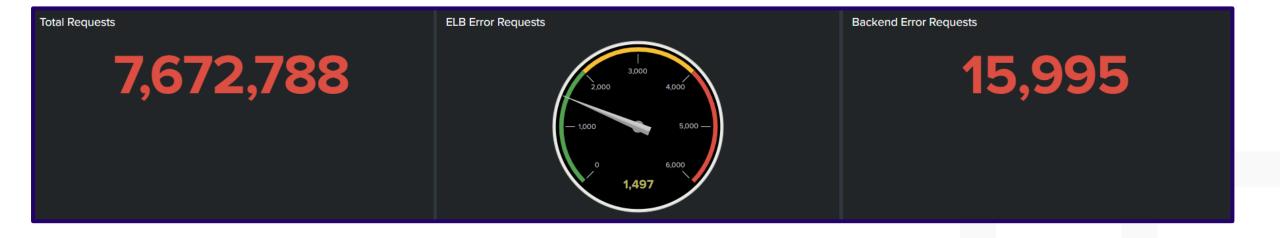
IAM User Activity – Normal Activity

□ Infopercept



ELB Instances - CP-External ALB

☐ Infopercept



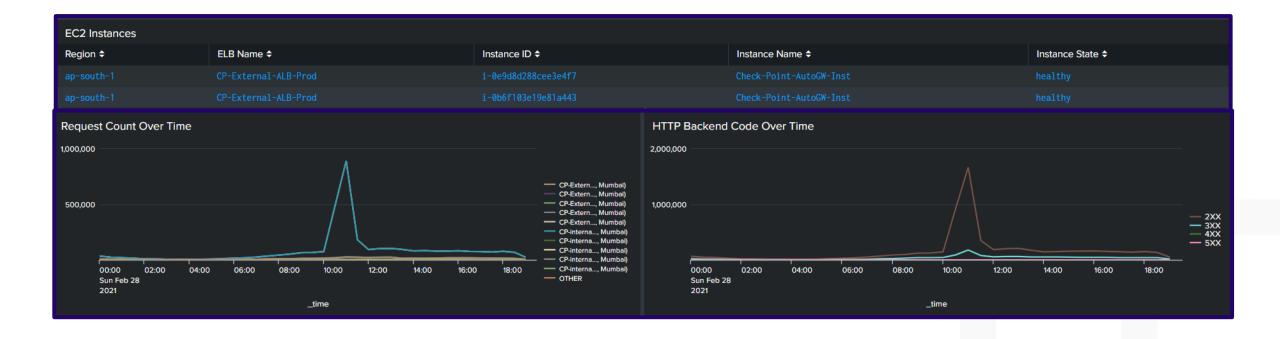
ELB Instances - CP-External ALB



Backend Error Requests			
metric_name \$	metric_dimensions ÷		count \$
HTTPCode_Target_4XX_Count	LoadBalancer=[app/CP-External-ALB-Bartes co	:344ee]	95.0
HTTPCode_Target_4XX_Count	LoadBalancer=[app/CP-External-ALB-C	:a634d]	14.0
HTTPCode_Target_4XX_Count	LoadBalancer=[app/CP-External-ALB-P	² 93ee24]	3661.0
HTTPCode_Target_4XX_Count	LoadBalancer=[app/CP-External-ALB-S	311c9c]	550.0
HTTPCode_Target_4XX_Count	LoadBalancer=[app/CP-External-ALB-p	56010839870]	1505.0
HTTPCode_Target_4XX_Count	LoadBalancer=[app/CP-internal-ALB-B	ab0e8f]	1505.0
HTTPCode_Target_4XX_Count	LoadBalancer=[app/CP-internal-ALB-C	90b105]	14.0
HTTPCode_Target_4XX_Count	LoadBalancer=[app/CP-internal-ALB-n	ld2053a81703]	95.0
HTTPCode_Target_4XX_Count	LoadBalancer=[app/CP-internal-ALB-n	o74f02dd288a]	3549.0
HTTPCode_Target_4XX_Count	LoadBalancer=[app/CP-internal-ALB-n	58ef9716c336]	541.0
HTTPCode_Target_5XX_Count	LoadBalancer=[app/CP-External-ALB-B	:344ee]	37.0
HTTPCode_Target_5XX_Count	LoadBalancer=[app/CP-External-ALB-C	ea634d]	9.0
HTTPCode_Target_5XX_Count	LoadBalancer=[app/CP-External-ALB-P	² 93ee24]	1619.0
HTTPCode_Target_5XX_Count	LoadBalancer=[app/CP-External-ALB-S	311c9c]	130.0
HTTPCode_Target_5XX_Count	LoadBalancer=[app/CP-External-ALB-p	o6010839870]	748.0
HTTPCode_Target_5XX_Count	LoadBalancer=[app/CP-internal-ALB-B	ab0e8f]	185.0
HTTPCode_Target_5XX_Count	LoadBalancer=[app/CP-internal-ALB-C	90b105]	9.0
HTTPCode_Target_5XX_Count	LoadBalancer=[app/CP-internal-ALB-n	ld2053a81703]	37.0
HTTPCode_Target_5XX_Count	LoadBalancer=[app/CP-internal-ALB-n	o74f02dd288a]	1560.0
HTTPCode_Target_5XX_Count	LoadBalancer=[app/CP-internal-ALB-n	58ef9716c336]	132.0

ELB Instances - CP-External ALB

□ Infopercept

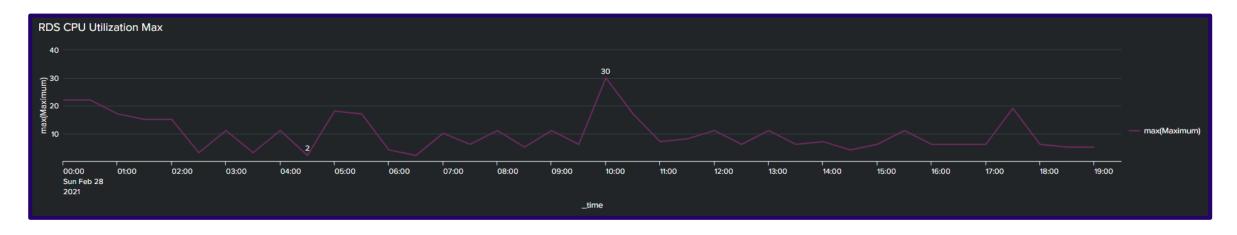


RDS CPU & Memory Utilization: prod rds



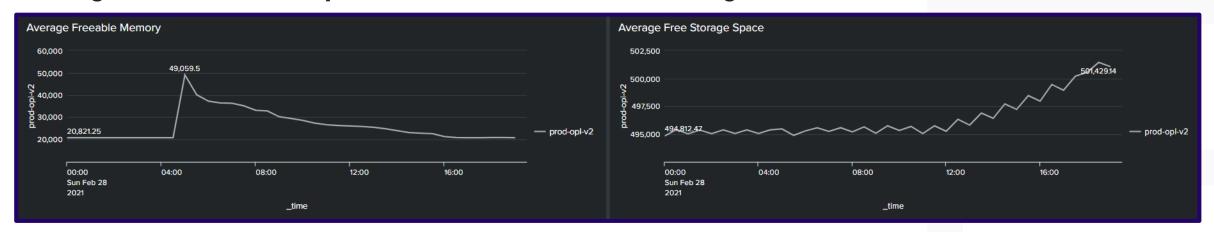
splunk>enterprise

We Observed Normal CPU Utilization of Prod-



Average Freeable Memory of Prod

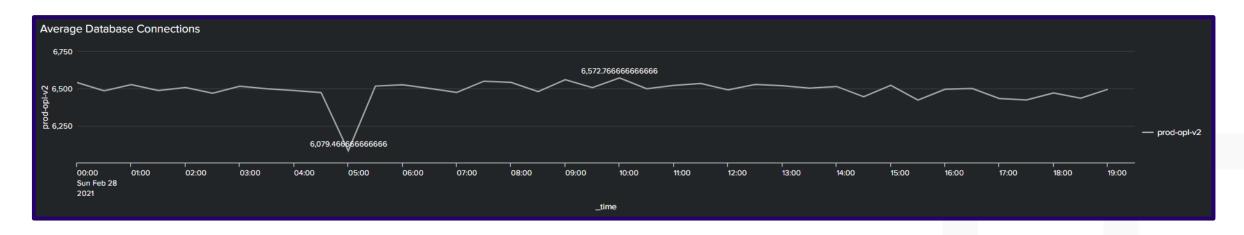
is 20 GB and Storage 501 GB



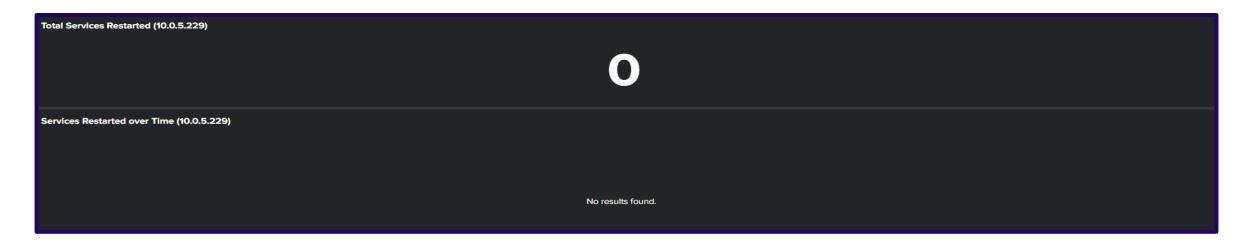
splunk>enterprise

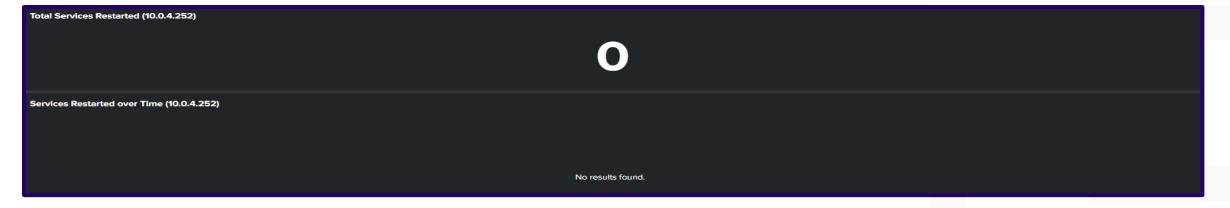
Average Database Connection of Prod

was between from 6541 to 6495



App Server Services





Cloud Trail Alert: Instances: Run/Start Actions

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eventTime \$	awsRegion	PreviousInstanceState	CurrentInstanceState	userldentity.arn ≑	src ≑	instanceld \$	count
2021-02- 27T19:00:20Z	ap-south-1	running	StopInstances	arn:aws:sts::652918353734:assumed-role/Lambda_ec2_execution/Dr-tableauec2server-stop	13.233.58.252	i- 02e15052ddf663501	1
2021-02- 27T19:00:44Z	ap-south-1	running	StopInstances	arn:aws:sts::652918353734:assumed-role/Lambda_ec2_execution/Linux-Tableau-RedHat-7-April-2019-Ec2-Stop	52.66.40.155	i- 0c80ff7c9e183d888	1
2021-02- 28T03:30:43Z	ap-south-1	stopped	StartInstances	arn:aws:sts::652918353734:assumed-role/Lambda_ec2_execution/Linux-Tableau-RedHat-7-April-2019-Ec2-Start	13.127.227.71	i- 0c80ff7c9e183d888	1
2021-02- 28T04:00:14Z	ap-south-1	stopped	StartInstances	arn:aws:sts::652918353734:assumed-role/Lambda_ec2_execution/Tableau-server-13-04-2020-Ec2-Start	13.235.215.39	i- 04e456d77c2b305cf	1
2021-02- 28T05:00:22Z	ap-south-1	running	StopInstances	arn:aws:sts::652918353734:assumed-role/Lambda_ec2_execution/Tableau-server-13-04-2020-Ec2-Stop	3.7.70.121	i- 04e456d77c2b305cf	1

Linux Auditd: Production Server User Activity

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_time \$	host \$	user \$	cwd \$	command \$	action \$
2021-02-28 11:56:41.484	ip-10-0-5-229		/apps/services/odop/service-connect-odop	nano config/application.properties	success

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splunk>enterprise

 Operating System
 Kernel
 IP Address
 Last Boot

 Enterprise Linux 7
 3.10.0-1062 (x86_64)
 10.0.4.252
 107 day/s ago

splunk>enterprise

 Operating System
 Kernel
 IP Address
 Last Boot

 Enterprise Linux 7
 3.10.0-1062 (x86_64)
 10.0.5.229
 25 day/s ago

Top Users (last 7 days)

user

login_count

10

8

7

6

11

11

11

11

11

RDS Backup and Restart Activity



Backup

Automated backups

Enabled (7 Days)

Copy tags to snapshots

Enabled

Latest restore time

February 28, 2021, 1:30:00 PM UTC

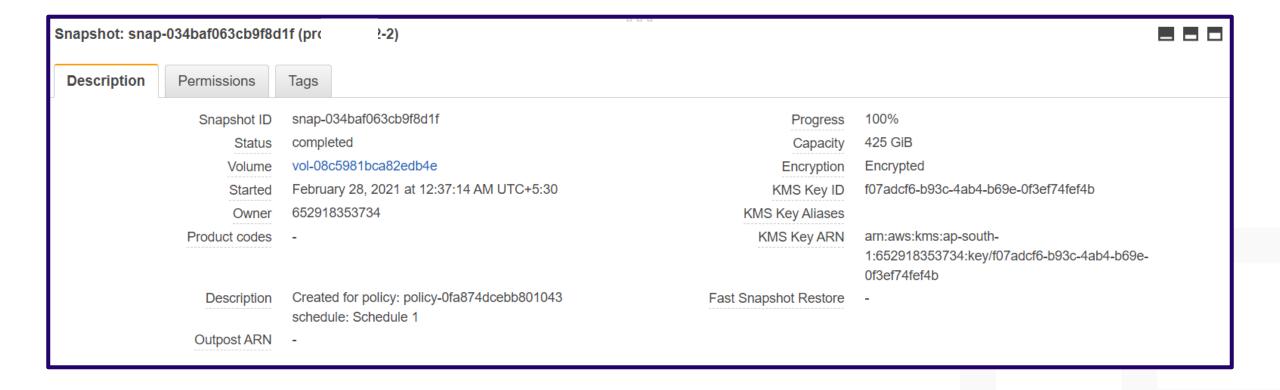
Backup window

18:23-18:53 UTC (GMT)

prod-ABC-v2-2 Backup



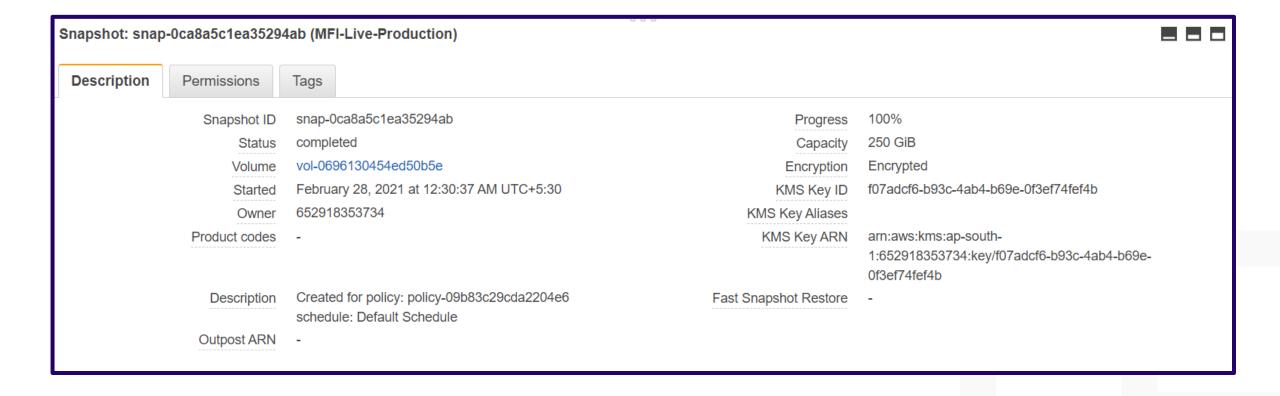




MFI-Live-Production Backup







Admin-panel-Instance Backup





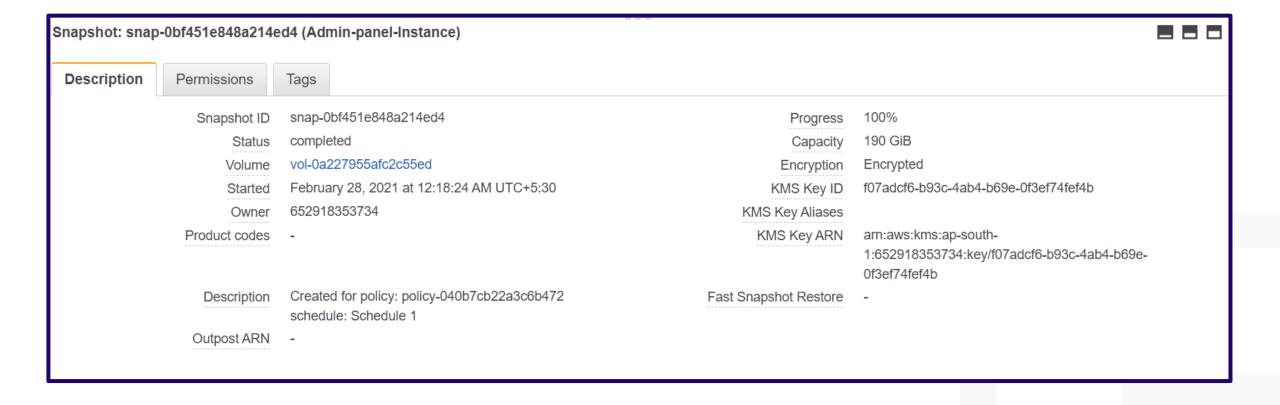


Tableau-RedHat-7-Linux-var-opt-partition Backup



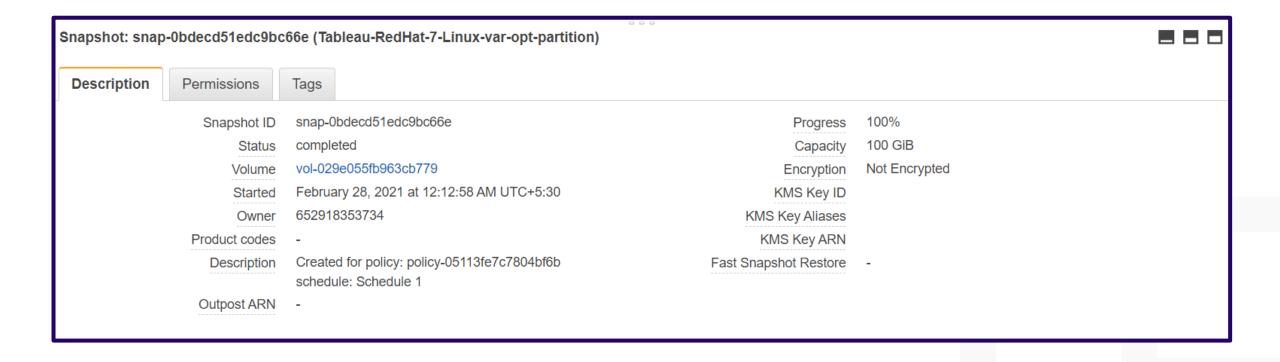
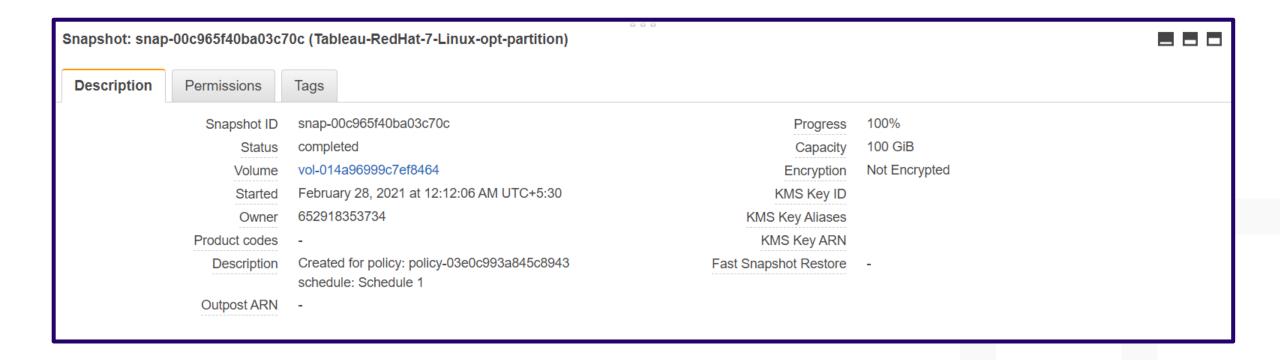


Tableau-RedHat-7-Linux-opt-partition Backup

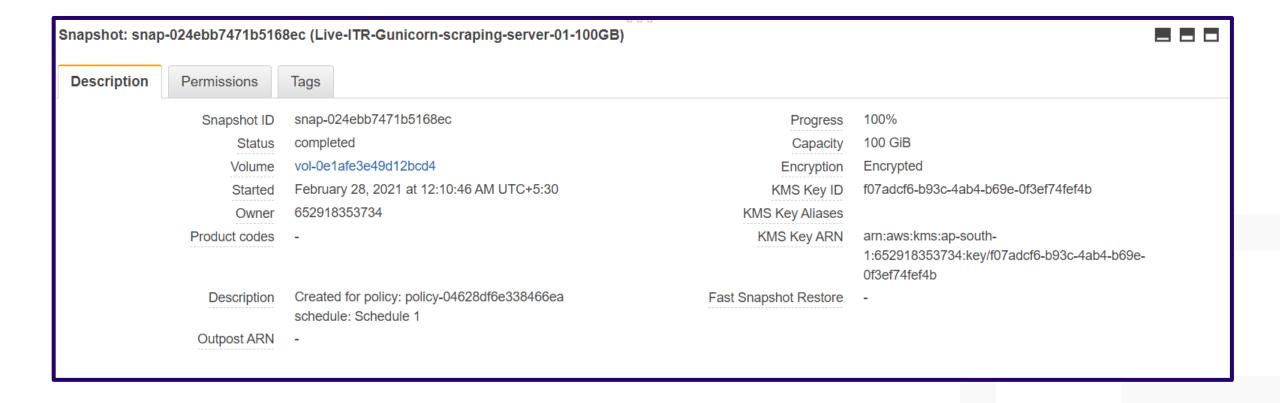




Live-ITR-Gunicorn-scraping-server-01 Backup

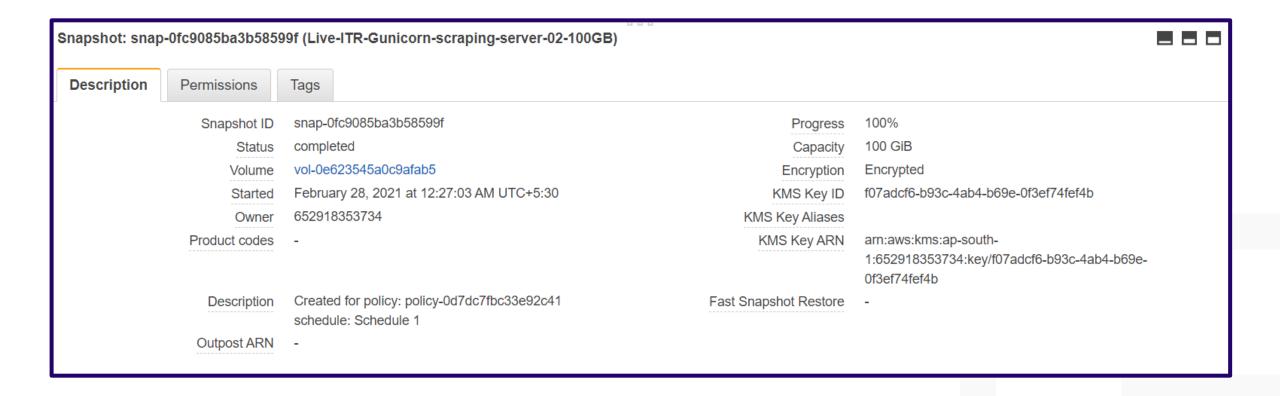






Live-ITR-Gunicorn-scraping-server-02 Backup

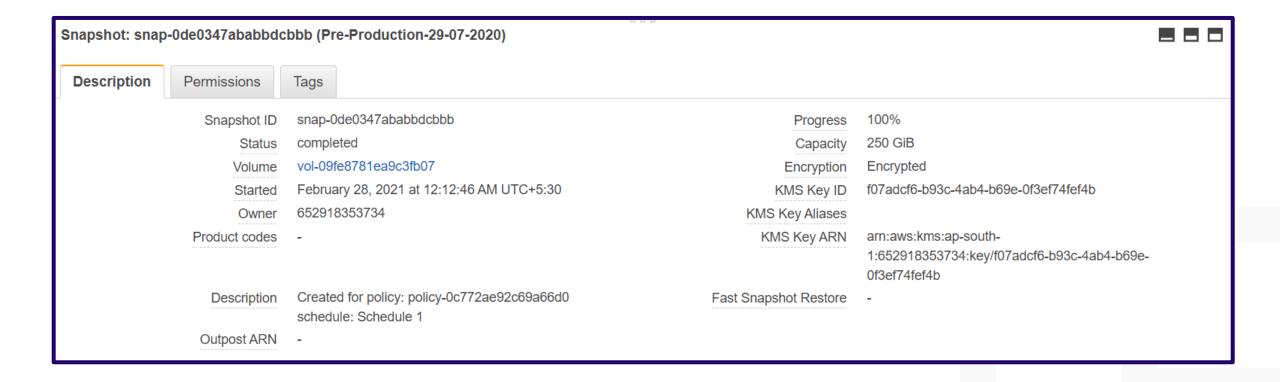




Pre-Production-29-07-2020 Backup

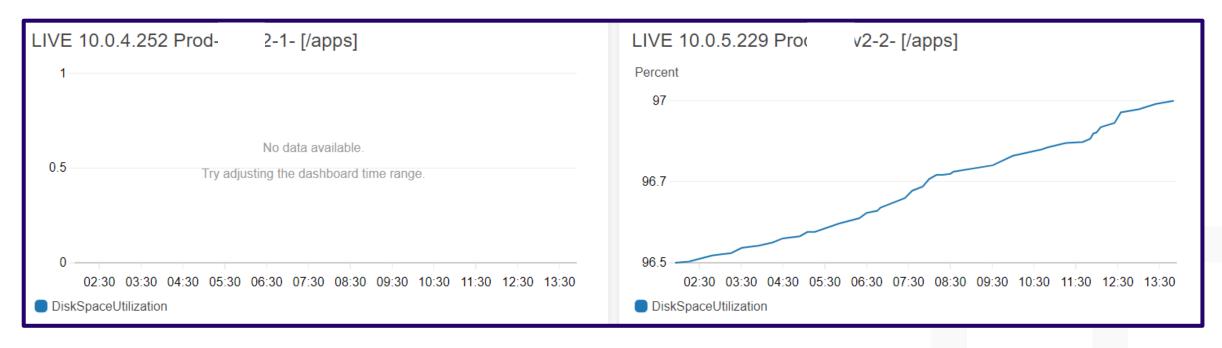






Host Monitoring - /appspartition





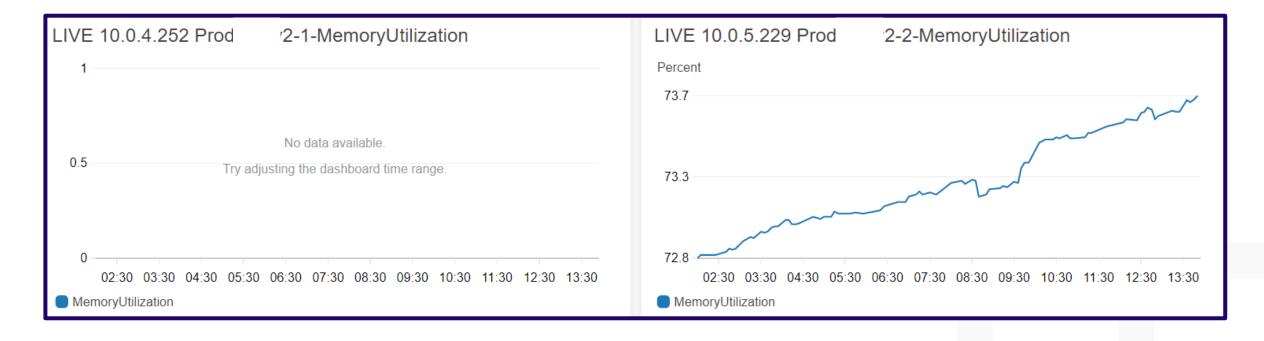
Prod-ABC-v2-1-

Prod-ABC-v2-2 - 97.00%

Server is not running

Host Monitoring - / Memory Utilization





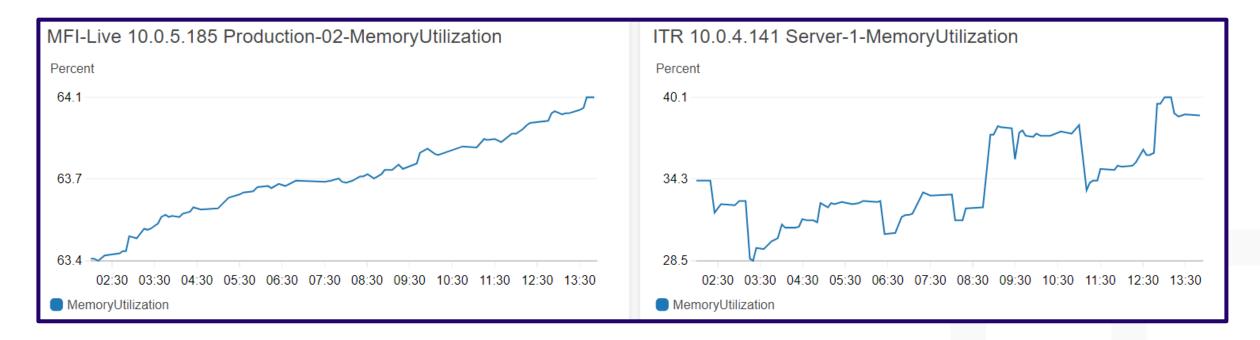
Prod-ABC-v2-1

Prod-ABC-v2-2 - 73.71%

Server is not running

Host Monitoring - / Memory Utilization



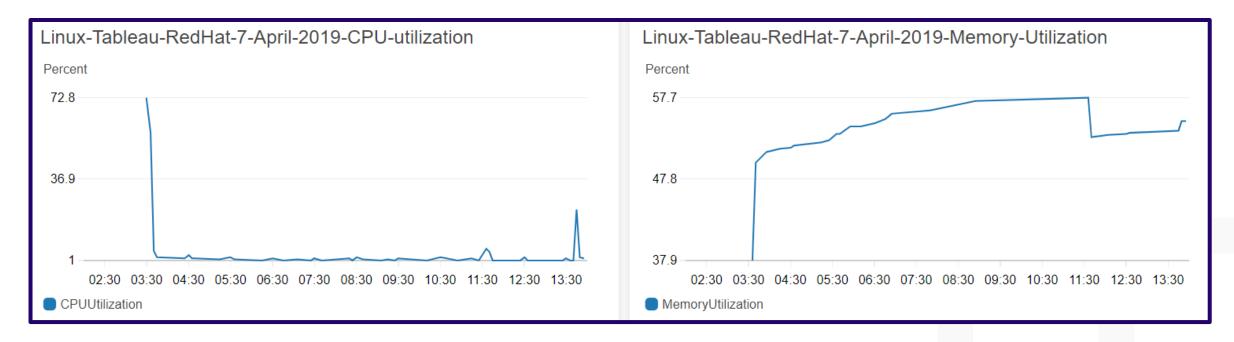


MFI-Live 10.0.5.185 Production-02 - 64.05%

ITR 10.0.4.141 Server-1 - 38.81%

Host Monitoring - /CPU & Memory Utilization

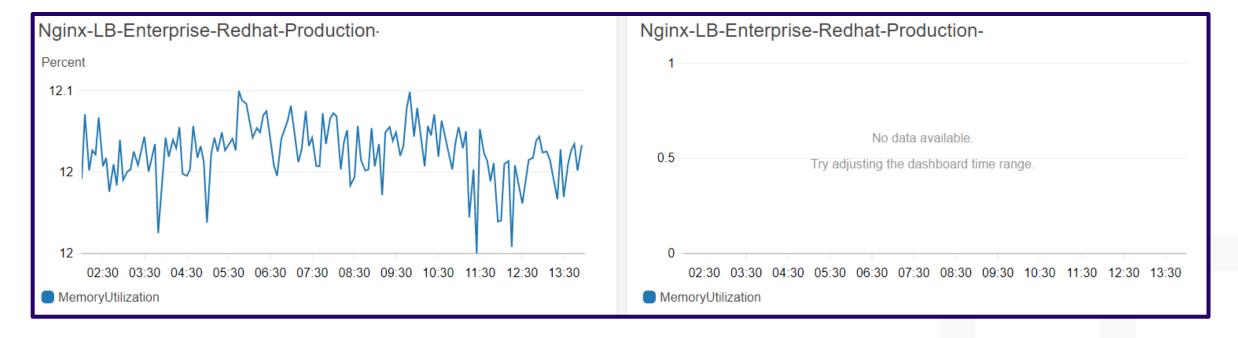




Linux-Tableau-RedHat-7-April-2019 CPU-Utilization – 1.8% Linux-Tableau-RedHat-7-April-2019 Memory-Utilization – 54.81%

Host Monitoring - / Memory Utilization





Nginx-LB-Enterprise-Redhat-Production-

MEMORY-Utilization - 12.04%

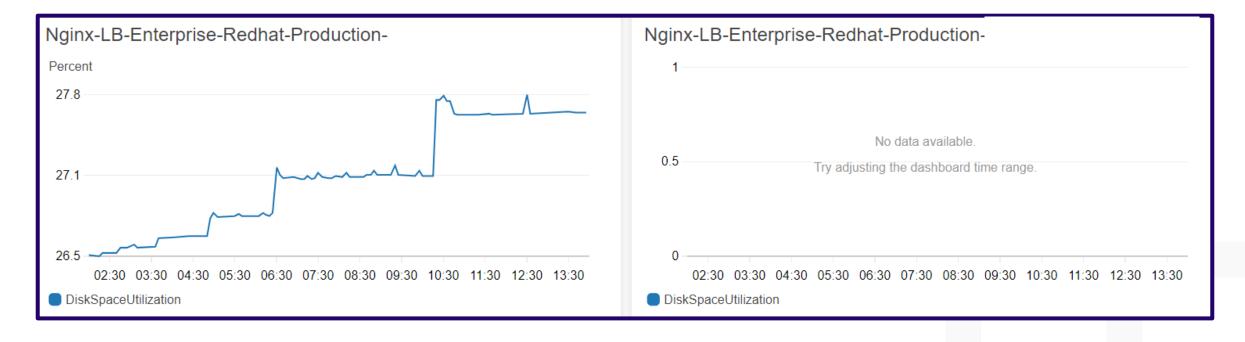
Nginx-LB-Enterprise-Redhat-Production--BackupServer MEMORY-Utilization –

Server is not running

Host Monitoring - /Disk Utilization







Nginx-LB-Enterprise-Redhat-Production-

Disk-Utilization - 27.66%

Nginx-LB-Enterprise-Redhat-Production-BackupServer Disk-Utilization –

Server is not running



Site Lock - Daily Scan Reports



☑SiteLock

Security Summary										
Domain	•	Malware 🛊	Spam	Vulnerability	\$ SSL \$	Risk Score	♦ SMART ♦	PatchMan	SMART DB	
		Good	Good	Good	Good	Low	Upgrade	Upgrade	Upgrade	Upgrade
		Good	Good	Good	Good	Low	Pending	Pending	Upgrade	Upgrade
		Good	Good	Good	Good	Low	Upgrade	Upgrade	Upgrade	Upgrade
		Good	Good	Good	Good	Low	Good	Good	Pending	Upgrade
		Good	Good	Good	Good	Low	Pending	Pending	Upgrade	Upgrade



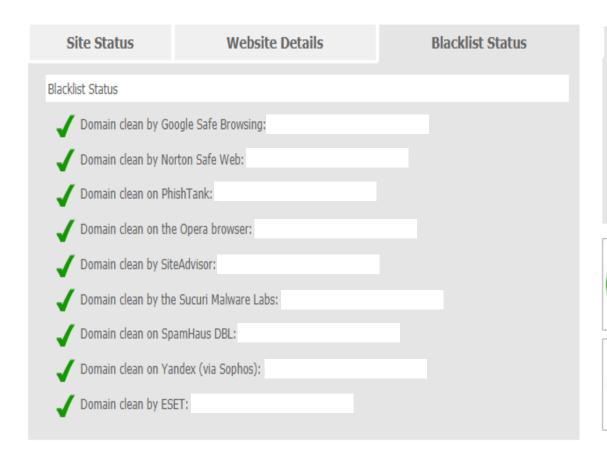


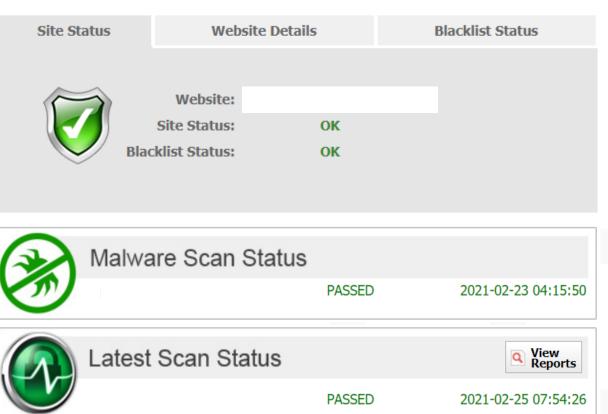






TrustGuard - Daily Scan Reports



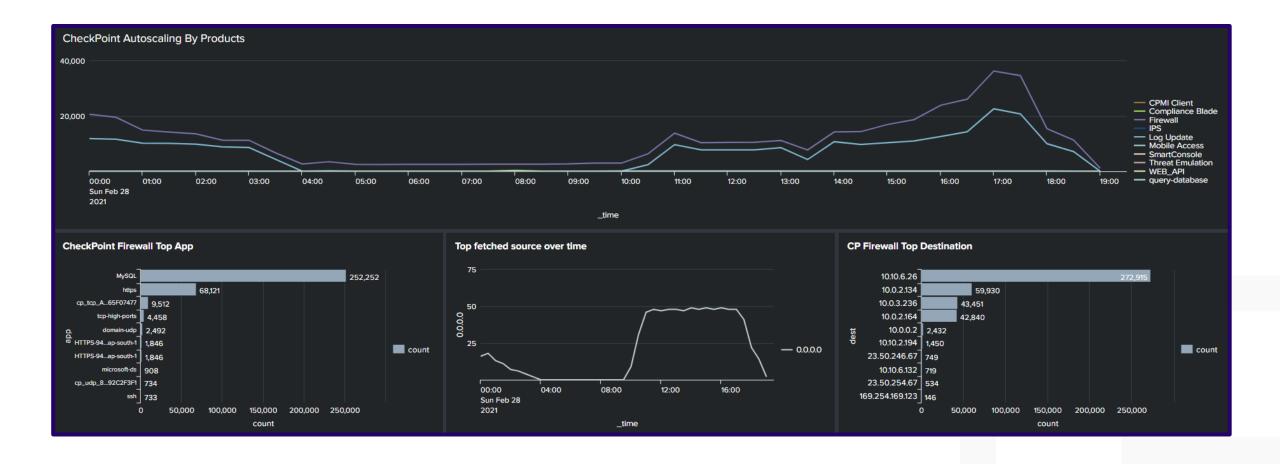




Checkpoint VPN GW Products



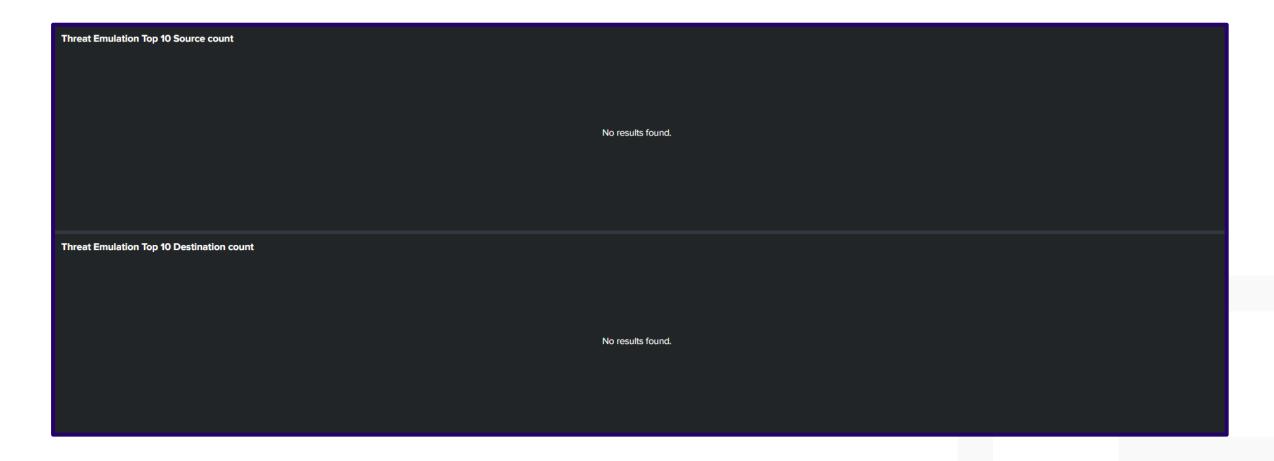




Check-Point App - Threat Emulation







Check Point - Application and URL Filtering





General Activity

Note: Migration is going on for ABC testing.

High Bandwidth Applications



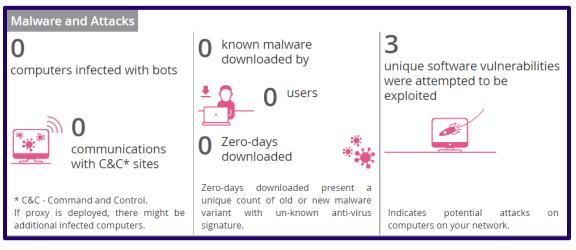


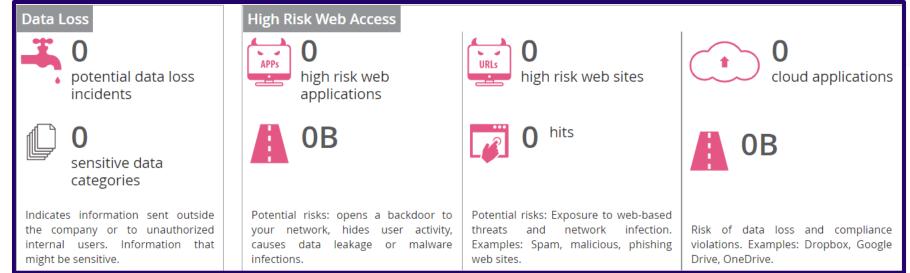
Note: Migration is going on for ABC testing.

Executive Summary of Security Checkup





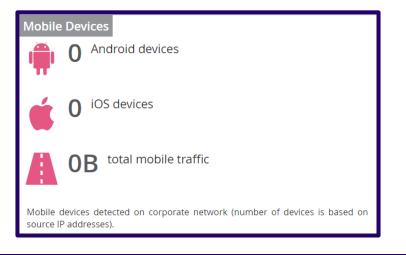


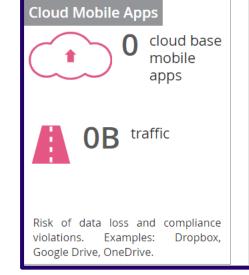


Mobile Threat Analysis

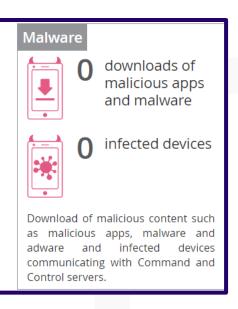










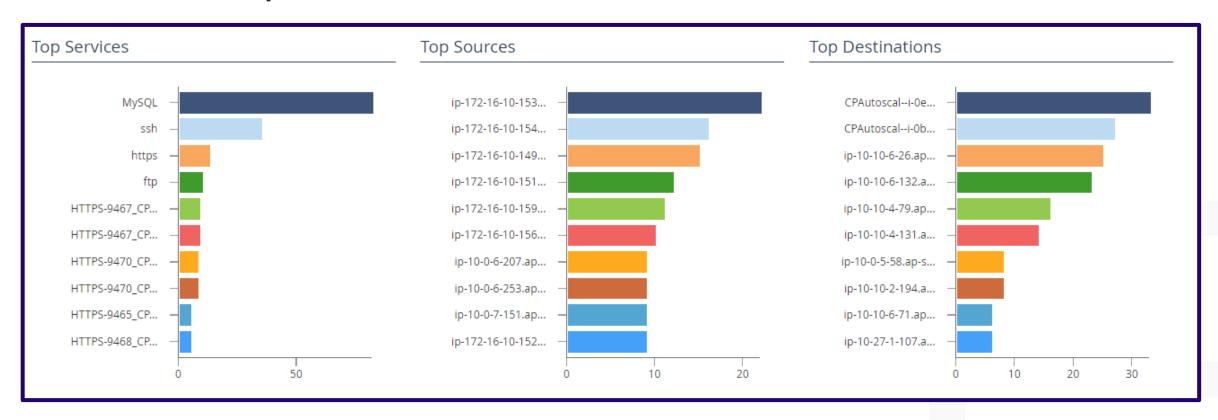


Network Traffic Analysis





Network Traffic Analysis



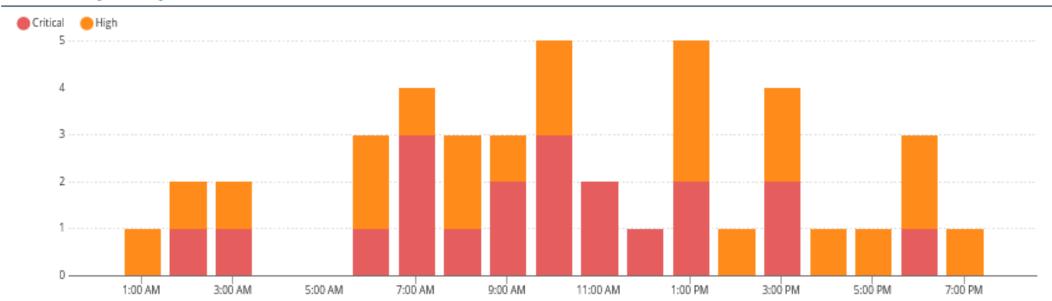
Intrusion Prevention System





Overview

Protections By Severity Timeline



Intrusion Prevention System

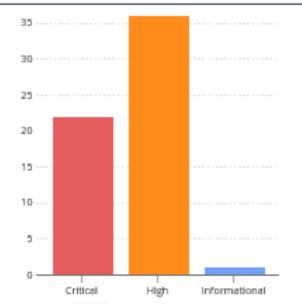
☐ Infopercept



Top Attacks

rop Atta				
Logs	Protection Name	Severity	Action	Origin
20	ZMap Security Scanner over HTTP	High	Prevent	3 Origins
11	NoneCMS ThinkPHP Remote Code Execution (CVE-2018-20062)	Critical	Prevent	3 Origins
7	Zend Technologies Zend Framework Zend_XmlRpc Information Disclosure	High	Prevent	3 Origins
5	WordPress HTTP Brute Force Login Attempt	High	Prevent	2 Origins
4	Web Server Exposed Git Repository Information Disclosure	Critical	Prevent	2 Origins
4	Masscan Port Scanner	High	Prevent	3 Origins
2	Dasan GPON Router Authentication Bypass	Critical	Prevent	2 Origins
1	Apache Tomcat PUT Method Arbitrary File Upload Remote Code Execution (CVE-2017-12615)	Critical	Prevent	1 Origin
1	PHP Web Shell Generic Backdoor	Critical	Prevent	1 Origin
1	Draytek Vigor Command Injection (CVE-2020-8515)	Critical	Prevent	1 Origin
1	MVPower DVR Remote Code Execution	Critical	Prevent	1 Origin
1	Apache Struts2 Content-Type Remote Code Execution	Critical	** Prevent	1 Origin

Attacks by Severity



Intrusion Prevention System





Top Origins And Top Protections

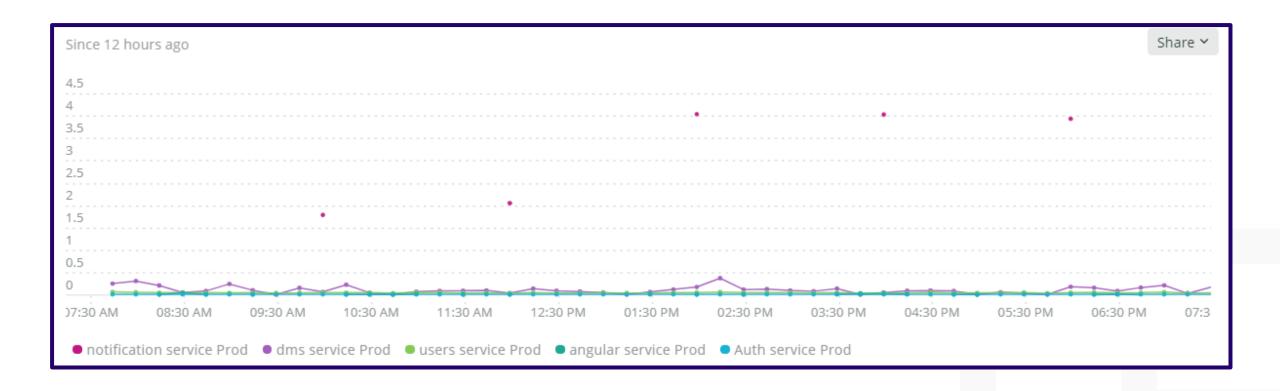
Origin	Protection	Severity	Action	Logs
CPAutoSG	ZMap Security Scanner over HTTP	High	Prevent	9
i-081b5b8723bedb12e	NoneCMS ThinkPHP Remote Code Execution (CVE-2018-20062)	Critical	Prevent	5
ap-south-1	WordPress HTTP Brute Force Login Attempt	High	Prevent	4
	Zend Technologies Zend Framework Zend_XmlRpc Information Disclosure	High	Prevent	4
	Apache Tomcat PUT Method Arbitrary File Upload Remote Code Execution (CVE-2017-12615)	Critical	● Prevent	1
	Total: 9 Protections	Critical	1 Action	27
CPAutoSG	ZMap Security Scanner over HTTP	High	Prevent	10
i-059356f476614a81f	NoneCMS ThinkPHP Remote Code Execution (CVE-2018-20062)	Critical	Prevent	5
ap-south-1	Web Server Exposed Git Repository Information Disclosure	Critical	Prevent	3
	Masscan Port Scanner	High	Prevent	2
	Zend Technologies Zend Framework Zend_XmlRpc Information Disclosure	High	Prevent	2
	Total: 7 Protections	Critical	1 Action	24
CP-VPNGW	Web Server Exposed Git Repository Information Disclosure	Critical	Prevent	1
	PHP Web Shell Generic Backdoor	Critical	Prevent	1
	Masscan Port Scanner	High	Prevent	1
	Zend Technologies Zend Framework Zend_XmlRpc Information Disclosure	High	Prevent	1
	Dasan GPON Router Authentication Bypass	Critical	Prevent	.1
	Total: 7 Protections	Critical	1 Action	7
Total: 3 Origins	12 Protections	Critical	1 Action	58



Host Monitoring - Application Response time

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Top 5 application services response time

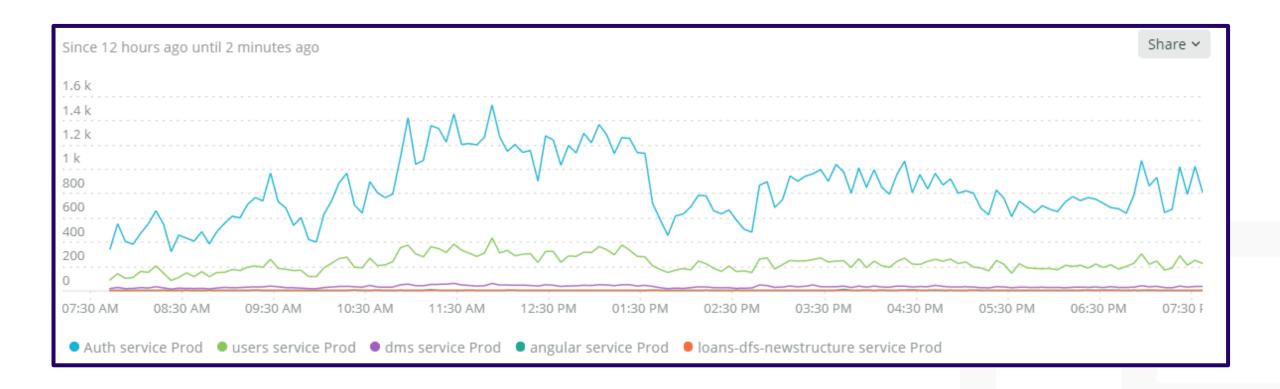


notification service Prod had highest response rate.

Host Monitoring – Application Throughput

□ Infopercept

Top 5 application services throughput



Auth service Prod had highest throughput rate



Incapsula Main View Attack Logs





Number Of Attacking Countries

Number Of Attacks

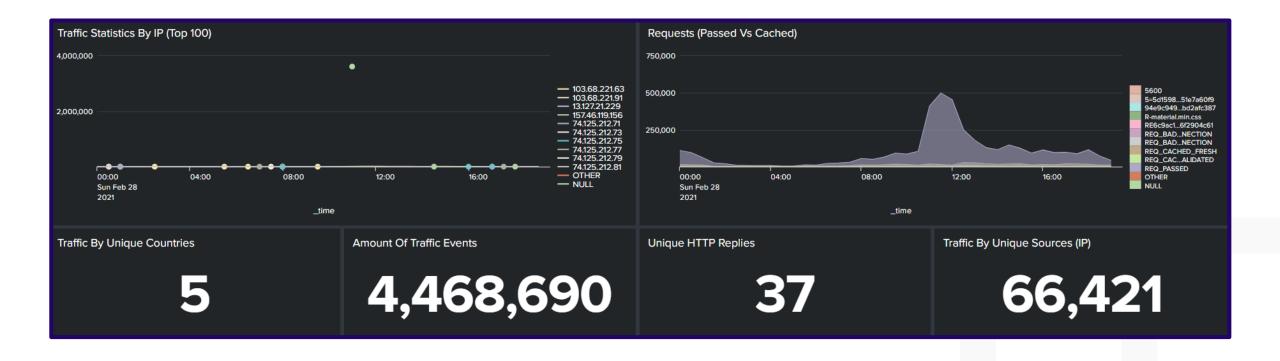
Number Of Attack Types

Attack Types	Count	Percentage
IncapRules(Anti Scrapper Policy)	304	68.315%
IncapRules(Clients with more than 2 UA)	51	11.461%
Bot Access Control	40	8.989%
Illegal Resource Access	32	7.191%
IncapRules(Blocking Attacks)	10	2.247%
IncapRules(Block Anonymous Proxy and TOR)	3	0.674%
IncapRules(Blocking Web Attacks)	3	0.674%
No d82b81306e79d3 d9bdc8c385522e4a42cd2l464la4dl 4dd Browser cs8i.dbr itude cs8=77.5855 cs8 request=dil.banl cari\=206796_78049&px \=1 rec Externalld=5285l cpt=63760 src=157.45.218.65 ver al	1	0.225%
SIEMintegration	1	0.225%

Incapsula Main View Traffic Logs









Virus Scan

☐ Infopercept



Report Summary

Date – 28th February 2021 Group Name: All Groups

Endpoint Name: All

User Name: All

Records Found: 01

Row Labels	Count of Source
Ransomware	1
Grand Total	1

Device Control

Report Summary

Date – 28th February 2021 Group Name: All Groups

Endpoint Name: All

User Name: All

Records Found: 00

Web Security

☐ Infopercept



Report Summary

Date: 28th February 2021 Group Name: All Groups

Endpoint Name: All

User Name: All

Records Found: 00

IDS / IPS - Port Scanning Report Summary

Date: 28th February 2021 Group Name: All Groups

Endpoint Name: All

User Name: All

Records Found: 00 (All Events are

blocked)

Event Logs - SEQRITE Admin Console





Report Summary

Date: 28th February 2021 Group Name: All Groups

Endpoint Name: All

User Name: All

Records Found: 13

Date & Time	Category	Message	
28 Feb 2021 (20:42:01)	Information	Infopercept logged in from 192.168.1.215.	
28 Feb 2021 (13:00:43)	Information	Scheduled Virus Scan notification sent for group 'QA_Team_New'.	
28 Feb 2021 (13:00:41)	Information	Scheduled Virus Scan notification sent for group 'Reseach_youtube_allow'.	
28 Feb 2021 (13:00:41)	Information	Scheduled Virus Scan notification sent for group 'Research_Analyst_Team_Youtube_allow'.	
28 Feb 2021 (13:00:41)	Information	Scheduled Virus Scan notification sent for group 'IT_Team_Youtube_allow'.	
28 Feb 2021 (13:00:41)	Information	Scheduled Virus Scan notification sent for group 'RnD_Team_New'.	
28 Feb 2021 (13:00:40)	Information	Scheduled Virus Scan notification sent for group 'Research_Team_New'.	
28 Feb 2021 (13:00:40)	Information	Scheduled Virus Scan notification sent for group 'HR_Team_New'.	
28 Feb 2021 (13:00:39)	Information	Scheduled Virus Scan notification sent for group 'Administration_Team_New'	
28 Feb 2021 (13:00:39)	Information	Scheduled Virus Scan notification sent for group 'IT_Team_New'.	
28 Feb 2021 (13:00:21)	Information	Scheduled Virus Scan notification sent for group 'Default_New'.	
28 Feb 2021 (08:00:04)	Information	License information has been updated.	
28 Feb 2021 (05:27:50)	Information	Infopercept logged in from 192.168.1.215.	

Data Loss Prevention



SECRITE

Report Summary

Date: 28th February 2021 Group Name: All Groups

Endpoint Name: All

User Name: All

Records Found: 26

Skipped
26
= 1

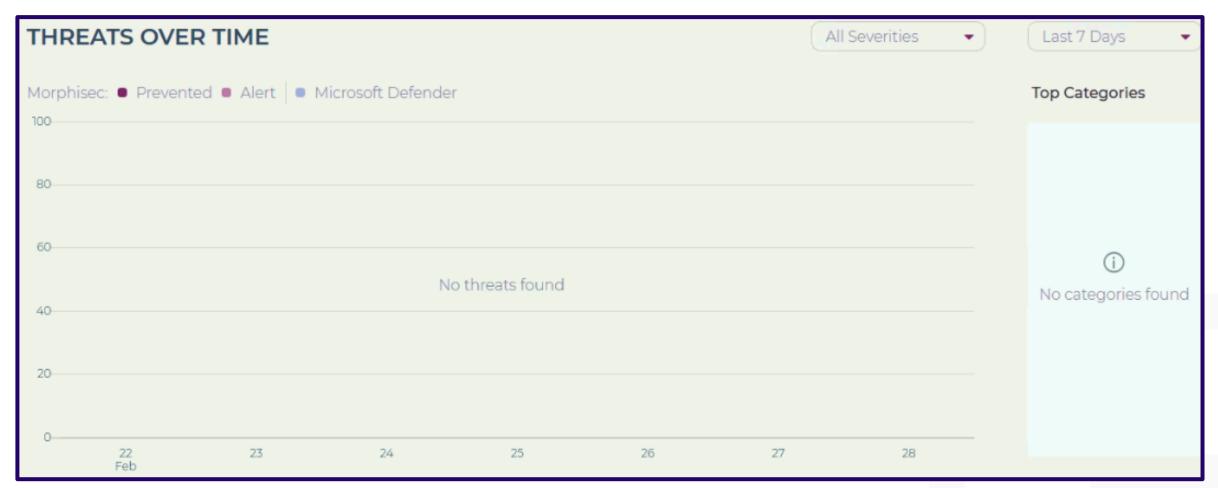
Row Labels	Count of Source
Skipped	26
Slack	26
Grand Total	26

Row Labels	Count of Source	
Skipped	26	
Grand Total	26	

THREATS OVER TIME





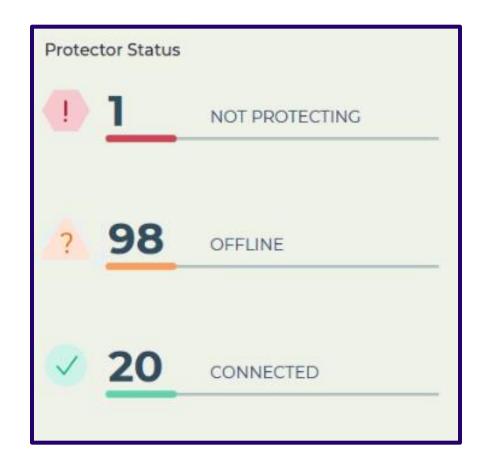


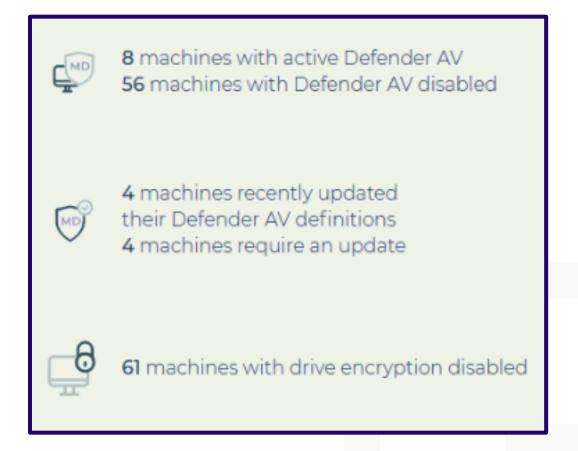
Auth service Prod had highest throughput rate

PROTECTOR STATUS









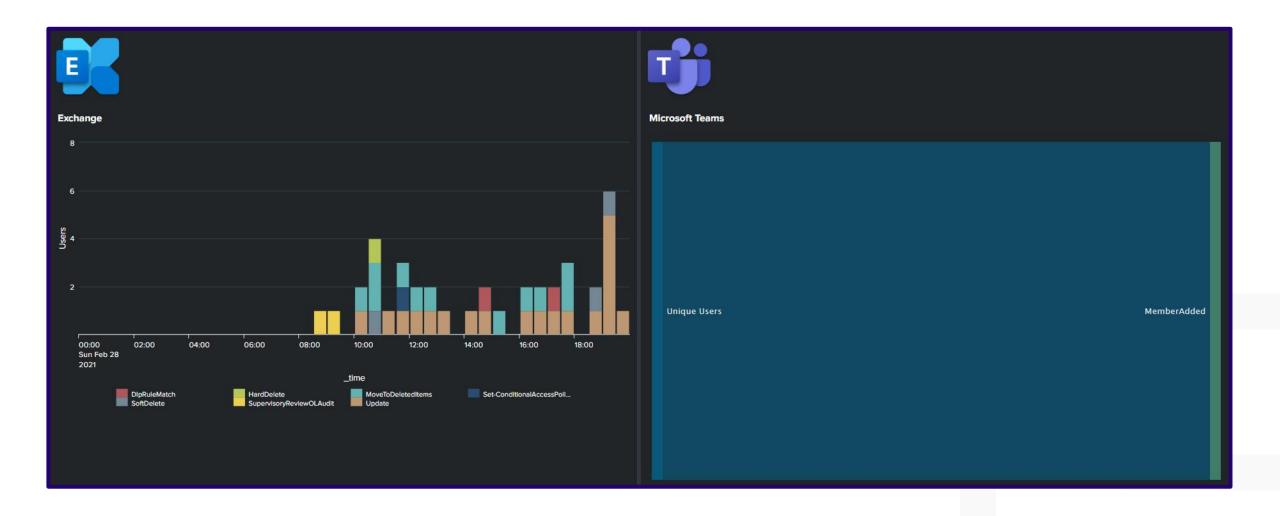
PROTECTION COVERAGE











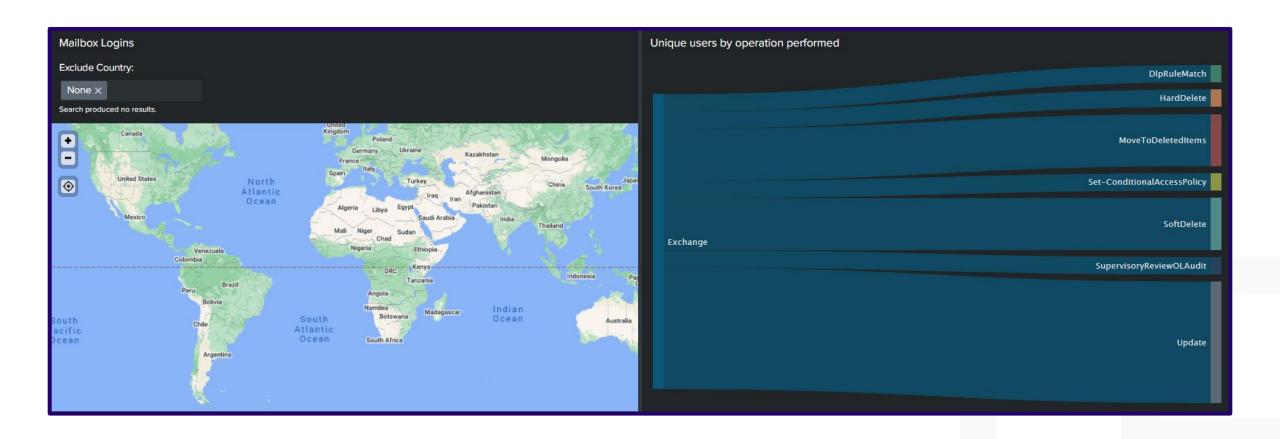
Office 365 Azure AD Login Activity



Office 365 Azure AD Login Activity

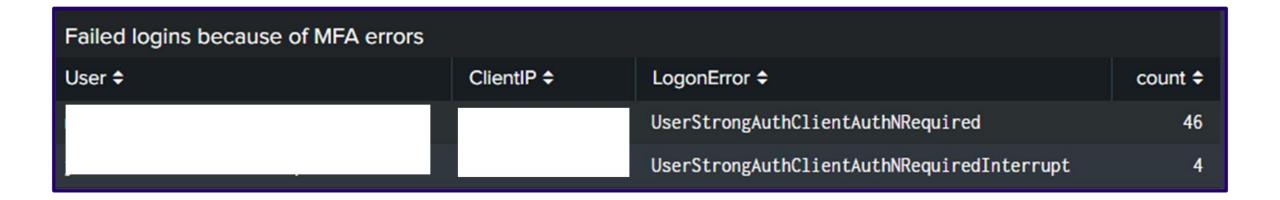
Azure AD Failed Login Attempts				
User \$	LogonError ≑	Client IP	Country \$	count ≑
2d19b417-ce18-402c-ac0a-27b908797ce7	InvalidUserNameOrPassword	13.127.21.229	India	231
387dd2a9-f12a-4cd9-b966-76cc17c73f6e	UserStrongAuthClientAuthNRequiredInterrupt	182.75.147.198	India	4
501bce39-7124-4f35-b1a6-1f4ec4120e19	UserStrongAuthClientAuthNRequired	182.75.147.198	India	46
71c01291-7c2d-458d-9b1f-51d0c0d48747	InvalidPasswordExpiredPassword	14.99.96.186	India	18
d328e27f-f6db-45c3-a677-7dd7927139e7	InvalidUserNameOrPassword	182.75.147.198	India	333
d328e27f-f6db-45c3-a677-7dd7927139e7	InvalidUserNameOrPassword	203.88.128.170	India	4
e0a1f450-532e-4fcc-b426-34d81bac6614	InvalidPasswordExpiredPassword	13.127.21.229	India	309

Office 365 Exchange Overview



Above Dashboard gives brief of the Operations performed by End Users in Exchange today

Failed logins because of MFA errors



Password Resets

Note: No password resets recorded today.

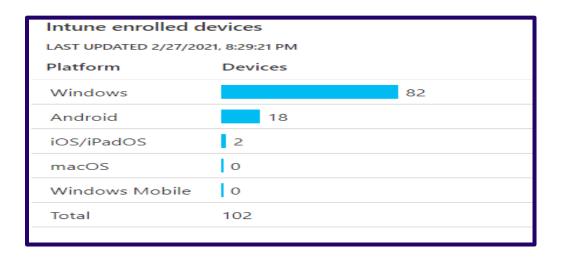
Failed login attempts from multiple IP-Address

Failed login attempts from multiple IP-Addresses				
User \$	UniqueIP \$	SourceIP \$		
	2	182.75.147.198 203.88.128.170		

Device Status

Intune enrolled devices

Device compliance status			



Tenant Status / Resource alerts



SonicWALL - Overview





Top Applications	View by: Sessions View by:	Top Users	View by: Sessions V
Application Name	Percentage of Applications	User Name	Percentage of Users
Service ALL Port for R&D	43.63%	UNKNOWN	99.46%
General HTTPS	22.72%	amitp	0.14%
General DNS	15.86%	divyesh	0.12%
General HTTP	7.63%	SmitM	0.10%
Service Tivo TCP Data	3.27%	socteam	0.09%
General UDP	1.46%	helpdesk	0.06%
Service Suresh	1.00%	SOCTEAM2	0.02%
Service SMB	0.92%	aneri	0.01%
Service RPC Services	0.69%	SOCTEAM	0.01%
General NETBIOS	0.43%	ITHelpdesk	0.00%

SonicWALL - Viruses & Intrusions







SonicWALL - Spyware & URL







SonicWALL - Locations & IPs





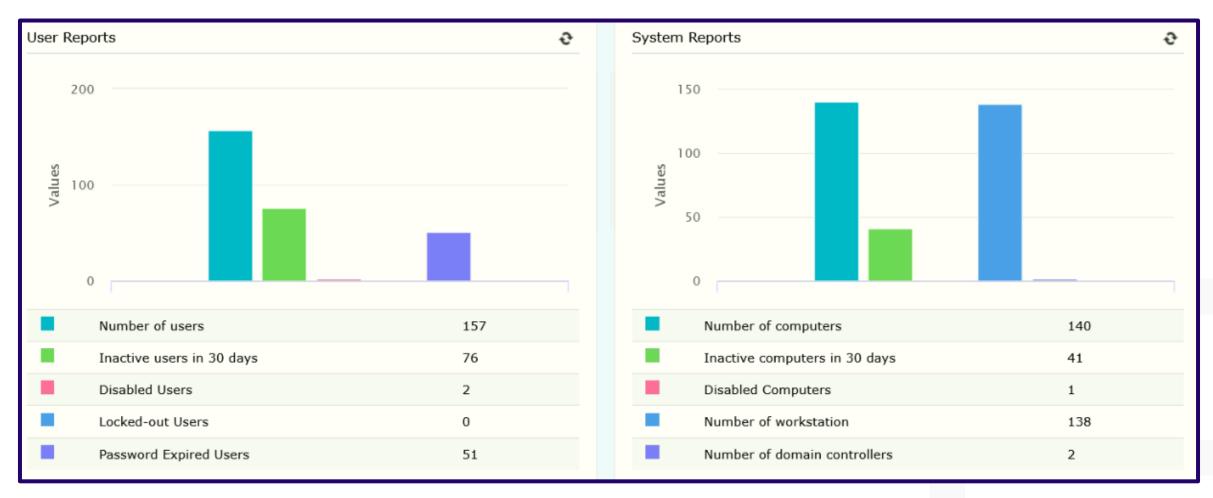
View by: Sessions



User And System Reports:



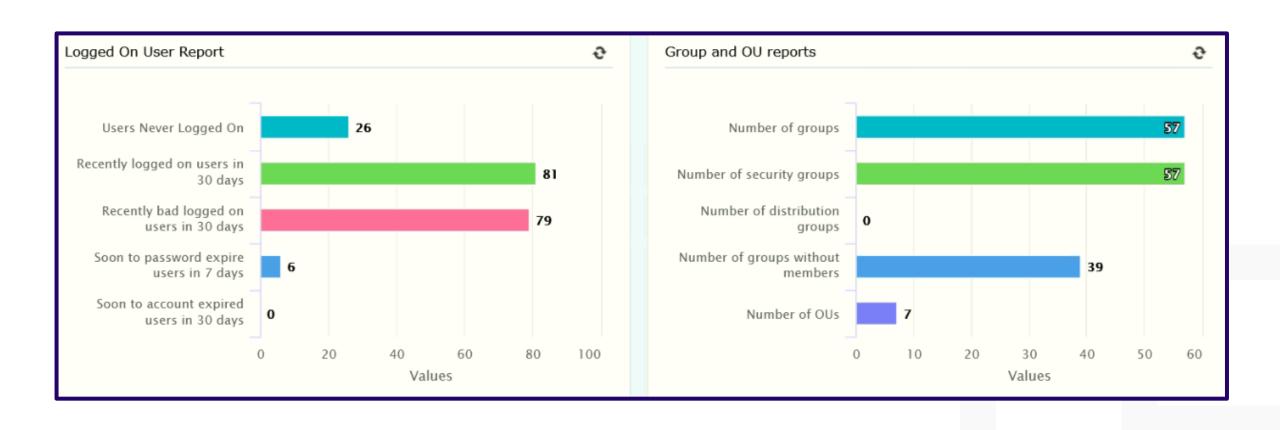




Logged On User And Group and OU Reports:

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ManageEngine ADManager Plus

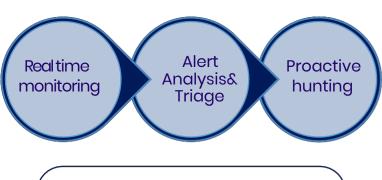


ABC Corporation Security Operations Center Process



Strategic

Intelligence



- Host Monitoring
- Network Monitoring
- Application logmonitoring
- Data-in motion logmonitoring
- Use account authentication & Access Monitoring

Security Monitoring

Incident Response

- Incidentanalysis
- Network & Server analysis with live response
- Static & dynamicmalware analysis
- Breach support (onneed basis)
- Forensics (on needbasis)

- Threat feedreview
- Internal Intelligence Harvesting

Tactical

Intelligence

- Industry threat briefings
- Validate & prioritizesecurity countermeasures
- Threat profile development& trending analysis

Threat Incident Active Analysis Investigation Guidance

Threat Intelligence

About Infopercept

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Infopercept's vision and core values revolve around making organizations more secure through the core values of Honesty, Transparency and Knowledge, so as to enable them to make better informed decisions about their security practices & goals. With our synergistic vision to combine technical expertise and professional experience, we aim to further establish our place as a one stop shop for our clients and partners' cybersecurity and accreditation needs.

Our specialized core team comprises of experienced veterans, technical experts & security enthusiasts having good practical experience & thorough knowledge in the Cybersecurity domain, are abreast of the latest trends and security innovations; ensuring that you always get the best security approach & solutions for your specific business needs, exactly the way you want it to be.

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