JOPLIN CITY COUNCIL
INFORMAL MEETING
MONDAY, JANUARY 6, 2025
5TH FLOOR COUNCIL CHAMBERS
602 S. MAIN ST.
5:30 PM

This meeting can be livestreamed at http://www.joplinmo.org/182/Video-Multimedia

AGENDA

1. RAVENii Update
2. Parks Mowing Privatiztion

Notice posted at 12:00 p.m. on this 2nd day of January 2025. (RSMo 610.020)

The City of Joplin is committed to comply with the Americans with Disabilities Act. The Joplin City Council Chambers is wheelchair accessible. Request for reasonable special accommodations must be made 48 hours prior to the meeting. Please email the City Clerk's office at hnagy@joplinmo.org or call (417) 624-0820 ext. 1220 for assistance.

Ad Omnia Parata

Executive Maturity Summary Report

Prepared for City of Joplin

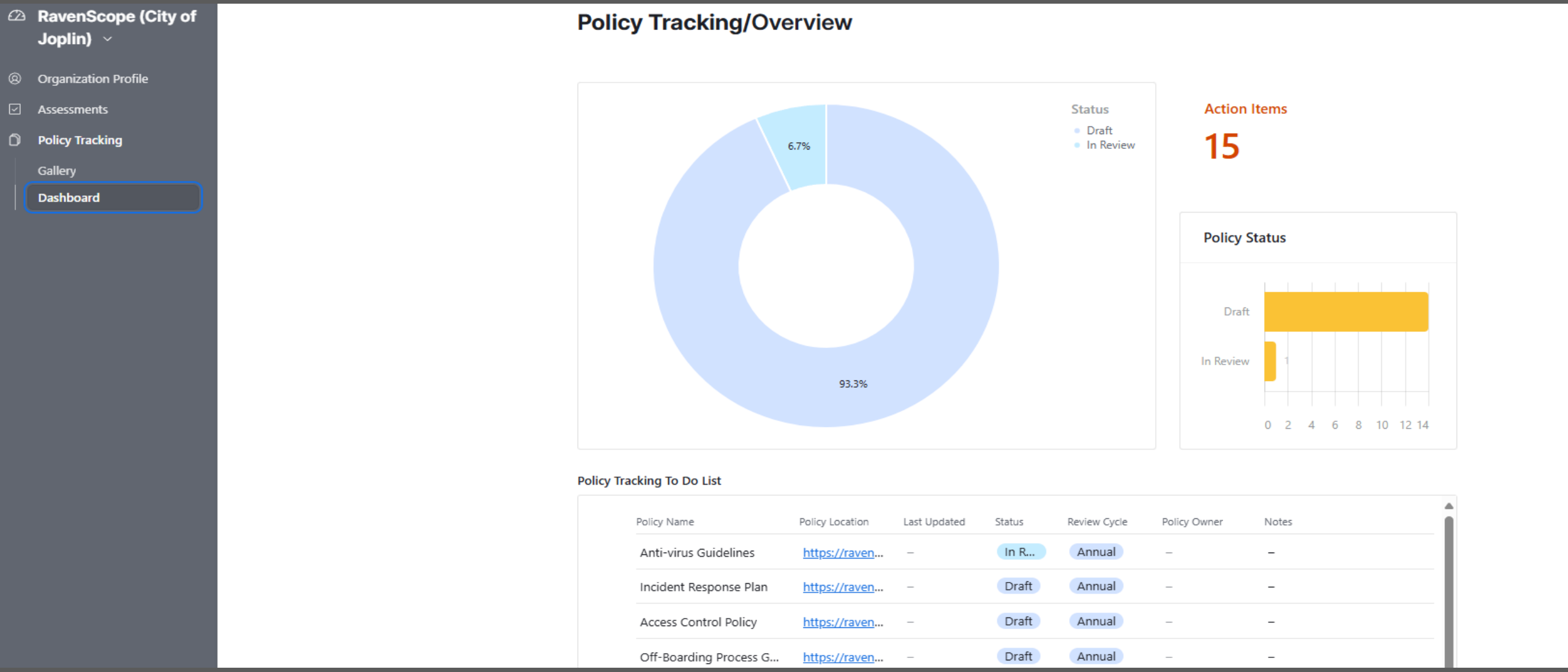
January 2025

Progress on Initiative

Recap of Previous Quarters Initiatives

- Incident Response Plan Finalized
- Backup Restoration Test Q1
- Project Management Platform Launched
- Updates to Policies
  - Acceptable Use
  - Antivirus

Project Management Platform



Security Operations Center Report – Vulnerability Management

Mitigation Summary - Vulnerabilities by Severity

	Total Mitigated	Mitigated <10d	Mitigated 10-30d	Mitigated >30d	Total Unmitigated	Exploitable	Patch Available >...	Exploitable Hosts
Total Vulnerabilti...	1,448	46%	30%	23%	2,497	13%	15%	260
Critical	42	21%	14%	64%	61	16%	100%	8
High	296	50%	31%	18%	343	25%	20%	67
Medium	857	54%	29%	17%	1,537	14%	9%	210
Low	253	19%	36%	45%	556	2%	0%	6

- Total Vulnerabilities Mitigated this month: 36.70%, up 5.98% from last month.
- Critical Vulnerabilities Mitigated this month: 40.78%, down 1.94% from last month.
- High Vulnerabilities Mitigated this month: 46.32%, up 1.09% from last month.
- Medium Vulnerabilities Mitigated this month: 35.80%, up 2.63% from last month.
- Low Vulnerabilities Mitigated this month: 10.59%, up 20.68% from last month.

IPs scanned: 927

RAVENii
CYBER SECURITY

Security Operations Center Report – Vulnerability Management

Risk Reduction Recommendations (VPR: 7-10)

Steps to Remediate	Risk ...	Host...	Vuln...	CVEs	MS
Upgrade to VMware ESXi 7.0 Update 3p, 8.0 Update 1d, or 8.0 Update 2b or later.	37.85%	7	7	22	0
Upgrade to the relevant fixed version referenced in Cisco bug IDs CSCwi59624, CS...	19.12%	2	5	8	0
Upgrade to VMware vCenter Server 7.0 U3t, 8.0 U3d or later.	7.97%	1	1	2	0
Apply updates in accordance with the vendor advisory.	7.97%	1	1	1	0
Microsoft has released a set of patches for Windows Server 2012, 2012 R2, 2016, an...	7.97%	1	1	1	0
Fix Netatalk OpenSession Remote Code Execution	7.97%	1	1	1	0
Apply Microsoft Windows SMBv1 Multiple Vulnerabilities	1.99%	1	1	6	1
Apply MS16-047: Security Update for SAM and LSAD Remote Protocols (3148527) (...	1.99%	1	1	1	1
Apply MS12-020: Vulnerabilities in Remote Desktop Could Allow Remote Code Exec...	1.99%	1	1	2	1

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Firewall Management

Joplin SonicWall

Registered January 14 2022-2024

SonicOS 7.1.2-7019 - (Current)

TOP APPLICATIONS BY TOTAL DATA TRANSFERRED

APPLICATIONS NAME	TOTAL DATA TRANSFERR...	PERCENTAGE
SSL/TLS Protocol	13.05 TB	51.69%
Encrypted Key Exchange	3.53 TB	13.99%
Netflix	1.01 TB	3.99%
Windows Update Delivery Optimiz...	949.60 GB	3.29%
App-49500	705.59 GB	2.73%
TikTok	493.19 GB	1.91%
Apple Inc	490.57 GB	1.9%
Microsoft Office 365	379.67 GB	1.46%
MPEG	297.66 GB	1.14%
Adobe	219.29 GB	0.85%

TOP INTRUSIONS BY BLOCKED

INTRUSIONS NAME	BLOCKED	PERCENTAGE
HTTPS Response with Punycode String	13.64K	53.99%
Absolute Computrace Server Response	9.95K	39.96%
OpenSSL Heartbeat 1	923	3.65%
SSLv2.0 Client Hello 2	834	3.3%
Obfuscated VBScript/JavaScript Code 27	12	0.05%
Web Robots Activity 2	10	0.04%
VML File Download (HTTP) 4	2	0.01%

TOP BLOCKED BY CONNECTIONS

BLOCKED NAME	CONNECTIONS	PERCENTAGE
Firewall Rule	649.92M	99.42%
Geo-IP Filter	3.53M	0.54%
Content Filter	234.99K	0.04%
Threat	33.13K	0.01%
Botnet Filter	927	0%

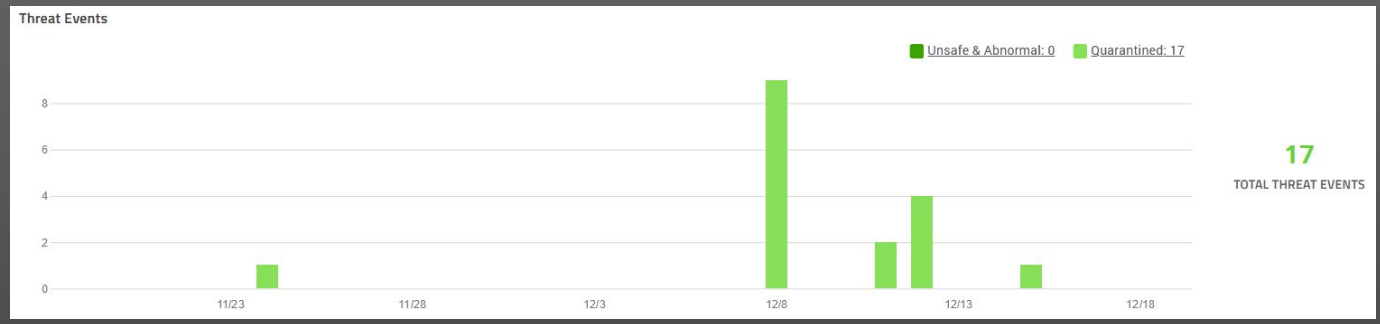
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Endpoint

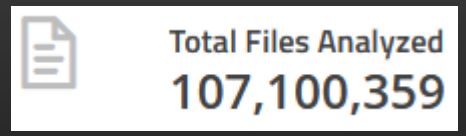
Possible threats found last 30 days : 17 (pups)

- Att Programs
- Bing wallpaper

Endpoint Status



- Installed on 488 devices
- Secondary policy in place for memory actions that are too aggressive



Backup

Storage Capacity
Joplin: 65 TB

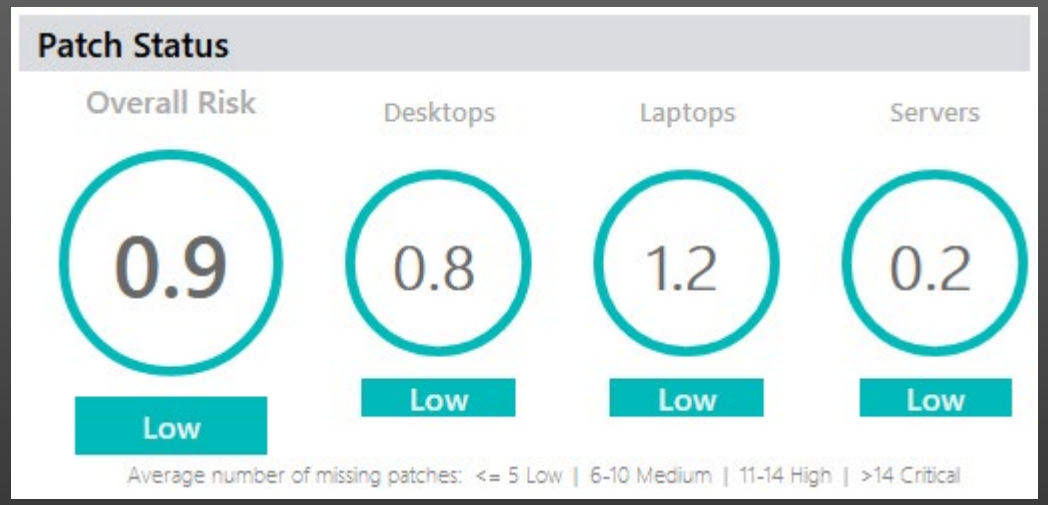


OS	Computer Name ↑	December, 2024																									
	SVR-BLUETEAM Joplin * jsupport	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	Backup Image Based / System State	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	⊙						
	Consistency check plan for Joplin Backups																										
	SVR-COURTNEW Joplin * jsupport	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	Backup Image Based / System State	✓			✓				✓			✓				✓			✓				⊙			
	Consistency check plan for Joplin Backups																										
	CourtFiles	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	⊙						
	SVR-FIREHOUSE Joplin * jsupport	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	Firehouse	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	⊙						
	SVR-NETMOTION Joplin * jsupport	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	Backup VMware on 11/1/2021 10:07:15 AM	✓						→	○	✓						✓							⊙			
	Consistency check plan for Joplin Backups																										
	SVR-ROUTEMATCH Joplin * jsupport	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	Routematch	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	⊙						
	SVR-WEBGIS Joplin * jsupport	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	Consistency check plan for Joplin Backups																										
	Files Backup plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	⊙						
	Svr-webgis(Files) legacy																										

– Deleted – Failed – Missed Run – Warning – Running – Success – Scheduled

Patching

November-December



Device Count:
  - Currently at 470
- A device scan for patches was setup on weekly basis
- Non Critical servers are restarting middle of the night (Friday-Saturday)
- Patches are approved once investigated as they come out.
  - restart window for endpoints set as well (after 10pm)

- 93 devices offline

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Current/Future Initiatives

Initiatives In Progress

- Sandbox Server
- Multi-Factor Authentication Implementation on all systems
- In-Person Training Part 2
- Department head IR Walkthrough/Tabletop
- Continued Patching/Backups
- Continued Network/Dark Web Monitoring
- Continued Endpoint Management

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Thank You for Your Attention!

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Powered by
MixMode

Parks Maintenance
Mowing Cost Comparison

JOPLIN
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January 6, 2025

Updated Cost of Mowing Operation within Parks Division

Background

The Parks Division maintains 24 parks, city facilities, and other green spaces around the City of Joplin. It Parks and Recreation Department's goal to offer and maintain these green spaces and facilities to a standard in which residents, business owners, and city officials can be proud of. The main objective in obtaining that goal is to ensure parks and facilities are safe, clean, accessible, and aesthetically pleasing.

The facilities and other areas the Parks Division currently maintain are as follows:

- 24 Parks (933 acres)
- Junge Blvd. Medians
- 4 City Park Lots
- Carver Nursery Building
- Joplin Senior Center
- Joplin History and Mineral Museum
- Park Maintenance Facility
- Records Building
- WIC Building
- Silver Creek Community Center
- Joplin Memorial Hall
- Joplin Police Department Building



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Updated Cost of Mowing Operation within Parks Division

Frequency of Acres Mowed

- 25 weeks in mowing season
- 175 days
- 933 acres
- Rotation schedule through parks every 10 days
- Mow 17.5 times per season
- 16,327 acres mowed per season





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PARKS & RECREATION

Updated Cost of Mowing Operation within Parks Division

Park Staff Expense

- 9 FTE Mowing and Trimming
- 8 PTE Mowing and Trimming
- Average of 32.50 hours per week for each employee
- Total cost with benefits is $11,522.90 per week
- Total cost with benefits is $288,072.00 per season
- Average cost per acre per season is $17.65



Comparison on Outsourcing Mowing

- Lowest cost per acre $60
- Highest cost per acre $140
- Lowest cost per season: $979,650.00
- Highest cost per season: $2,285,850.00

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Questions?

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January 6, 2025