JOPLIN CITY COUNCIL
INFORMAL MEETING
TUESDAY, JANUARY 17, 2023
5TH FLOOR COUNCIL CHAMBERS
602 S. MAIN ST.
5:15 PM

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

AGENDA

1. Ravenii Update
2. Housing Revitalization Plan Update

Notice posted at 12:00 pm. on this 12th day of January 2023. (RSMo 610.020)

Ad Omnia Parata

RAVENii
CYBER SECURITY

vCISO Maturity Model Summary

JOPLIN
MISSOURI

Progress on Initiatives

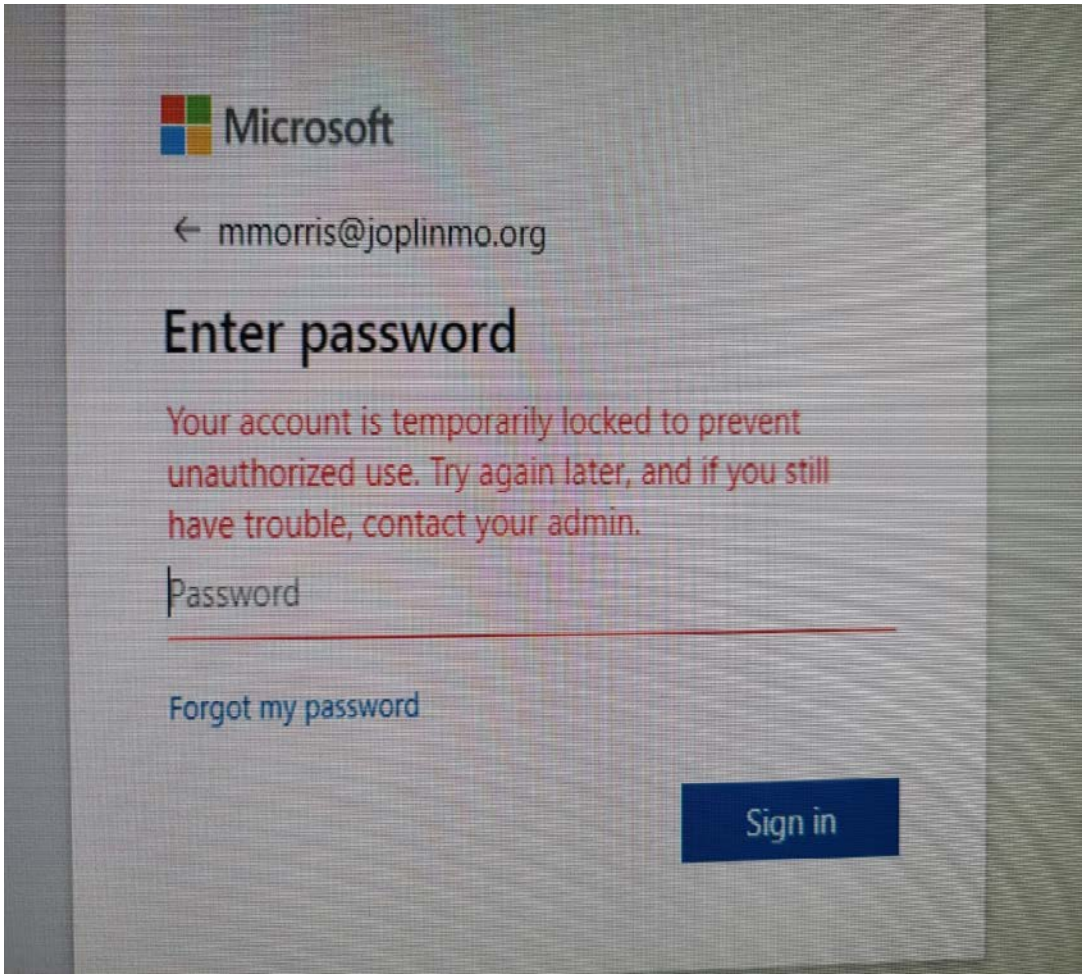
Recap of Previous Quarters Initiatives

- Phishing Campaign
- Office 365 MFA Turned on
- Updated Passwords
- Updated firmware

MFA "Failed Attempt"

Failed Authorization Attempt

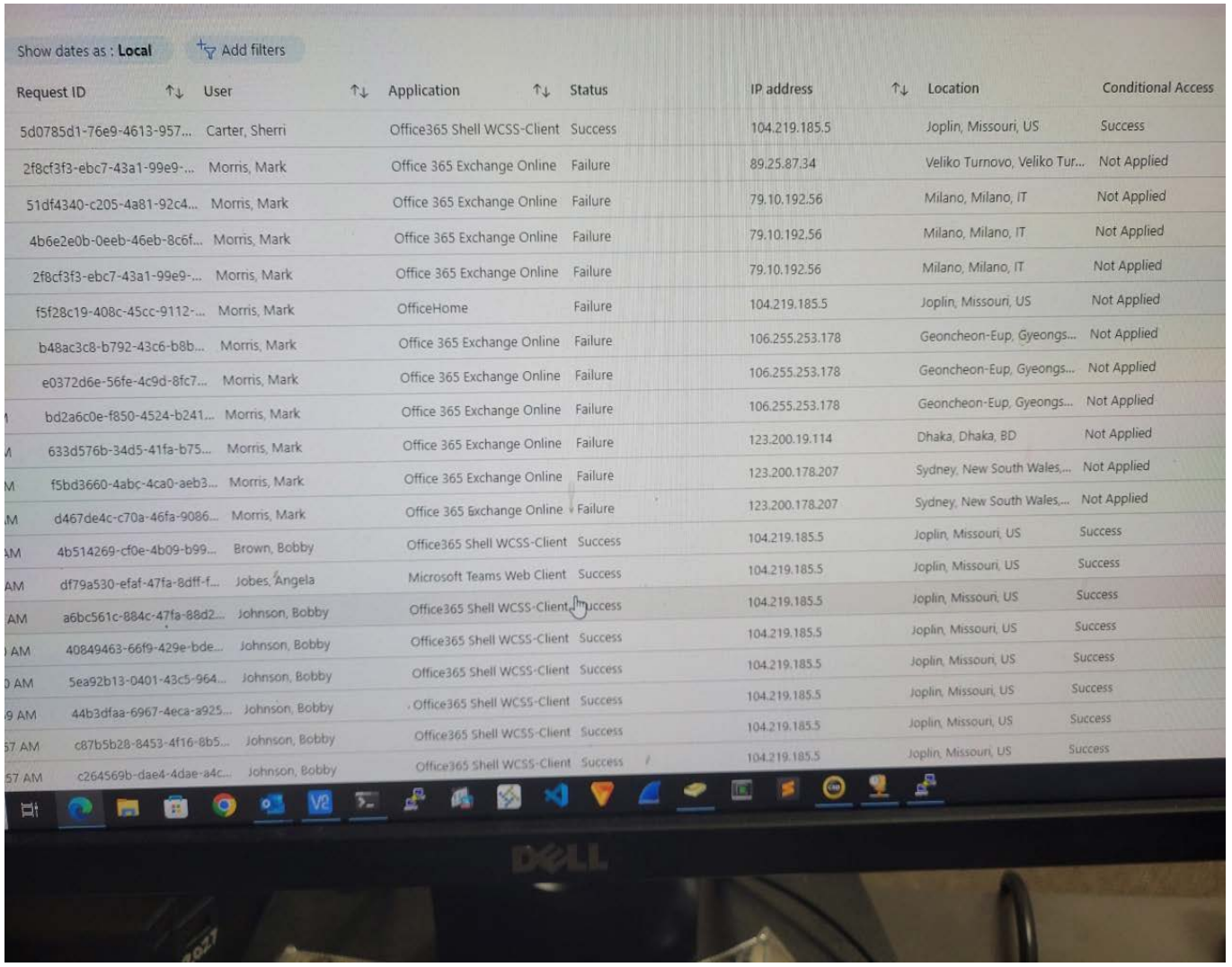
- Max Failed Attempts
- Account Lockout
- Instructions in case of false positive



MFA Access Log

Conditional Access

- User
- Application
- Status
- IP
- GEO Location



Security Operations Center Report – Vulnerability Management

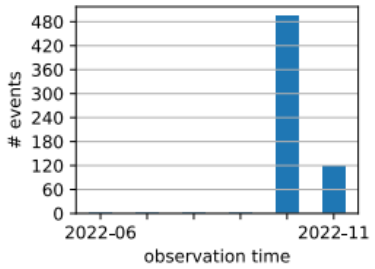
Mitigation Summary - Vulnerabilities by Severity

	Total Mitigated	Mitigated <10d	Mitigated 10-30d	Mitigated >30d	Total Unmitigated	Exploitable	Patch Available >30d	Exploitable Hosts
Total Vulnerabilties	1,240	58%	24%	18%	1,752	16%	9%	246
Critical	28	57%	7%	36%	42	14%	83%	5
High	310	58%	25%	17%	301	20%	20%	53
Medium	855	59%	24%	16%	1,243	17%	4%	208
Low	47	34%	15%	51%	166	0%	0%	0

- Total Vulnerabilities Mitigated this month: 41.44%, down 0.32% from last month.
- Critical Vulnerabilities Mitigated this month: 40.00%, down 2.11% from last month.
- High Vulnerabilities Mitigated this month: 50.74%, up 1.28% from last month.
- Medium Vulnerabilities Mitigated this month: 40.75%, down 0.17% from last month.
- Low Vulnerabilities Mitigated this month: 22.07%, down 5.56% from last month.

Security Operations Center Report – Vulnerability Management

MEDIUM | 208.90.191.232



MONITORED ASSET
joplinmo.org

MATCHING DATA
208.90.191.232

DOMAIN NAME COUNT
58

NETWORK NAME
ICONENTERPRISES

NETWORK OWNER
Icon Enterprises, Inc.

NETWORK RANGE
208.90.188.0/22

CC
US

ASN
36489

AS NAME
NETSOLUS-NETWORKS, US

VULNERABLE SERVICE

WHAT IS THIS OBSERVATION?
Jquery is popular javascript library for modern web applications and static web pages.

JQUERY VERSION
1.6

VULNERABILITY
CVE-2020-11022

ADDITIONAL INFORMATION
https://public-exposure.inform.social/post/software-dependency/

WHY IS THIS A PROBLEM?
Like any other library, it needs to be updated if there is an identified vulnerability in it. This version of the library puts your users at risk, since it suffers from a cross-site scripting (XSS) vulnerability.

HOW CAN I VALIDATE THIS?
Verify that you are not running a vulnerable version of jquery.

source time	port	protocol	description url
2022-11-07 21:14:29Z	443	http	https://www.shodan.io/host/208.90.191.232

Security Operations Center Report -Network Security Monitoring



On-wire monitoring 24/7

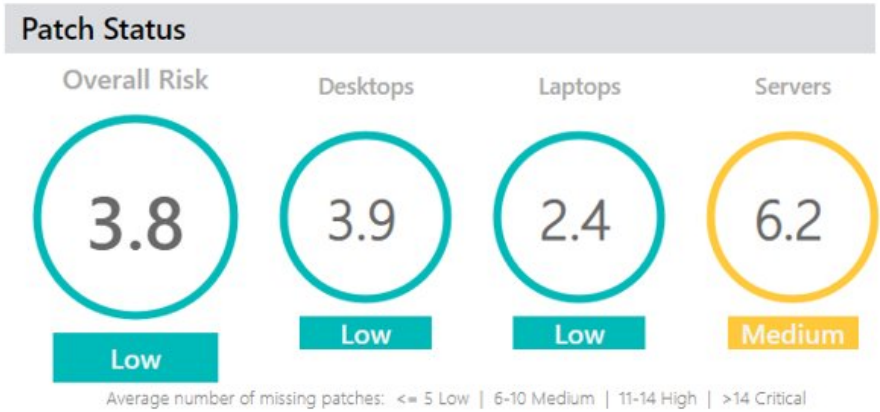
30-day traffic monitor shows normal traffic. These are some of the events that have happened In the past 30 days:

- The use of unsupported versions are hazardous and substantially raises risk to organizations safety:
  - Apache 2.4.x < 2.4.53
  - Chrome
  - Firefox
  - Safari
  - Flash Player
  - IPAD unsupported
  - Office
  - Java
  - MacOS X
  - TLSv1
  - SNMPv1
- NetBIOS Traffic to Non-Local – mitigated need for remediation
- Use of TeamViewer
- Clear Text Passwords External
- SSL::Expired Certificate

Security Operations Center Report – Patching + Firewall Management

Progress

- Looking good overall for both Patching and Firewall
- Legacy patching continuation
- A device scan for patches was setup on weekly basis
- Non Critical servers are restarting middle of the night
- Patches are approved once investigated as they come out.
  - restart window for endpoints set as well (after 10pm)





Security Operations Center Report – Backup

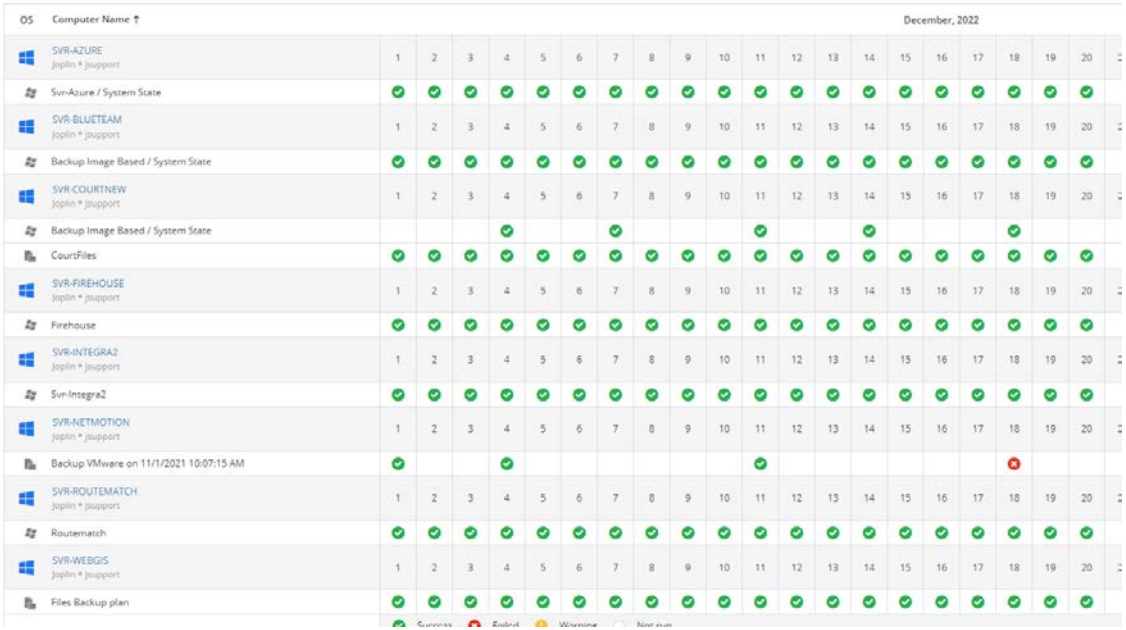
- Jobs operating normally



joplin-backups

Users: 1

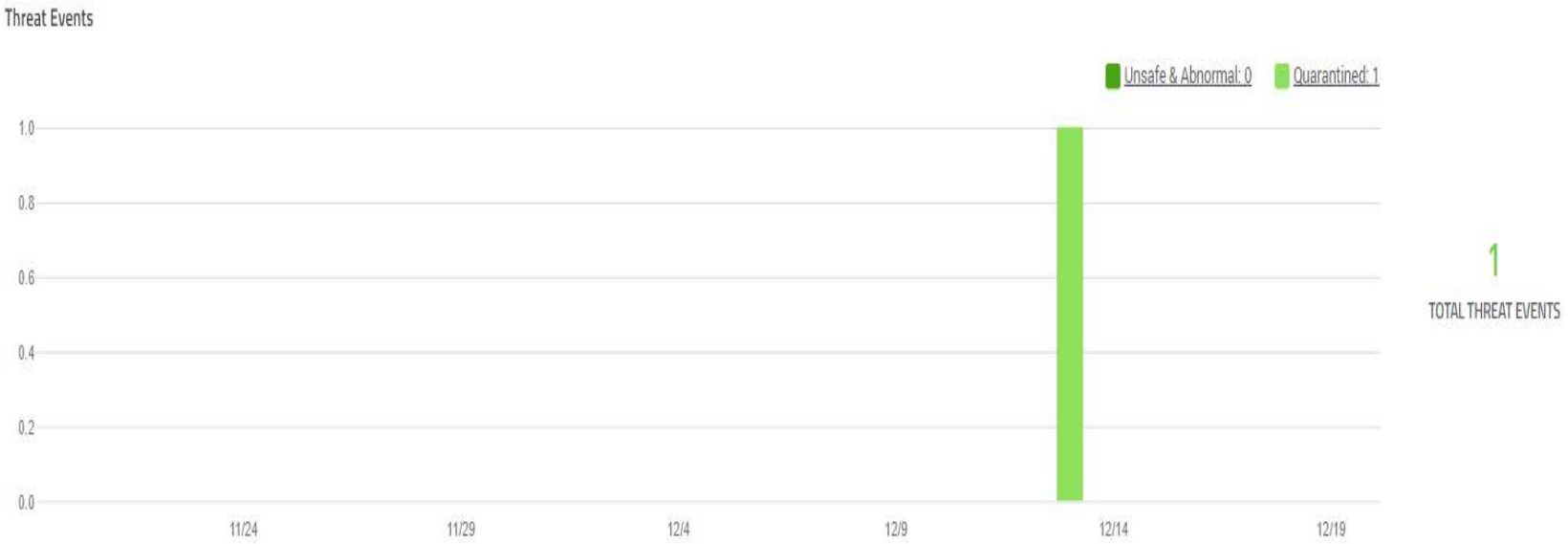
Size: 34.64 TB



Security Operations Center Report – Endpoint Protection

- Installed on 361 devices
- Secondary policy in place for memory actions that are too aggressive

Possible threats found last 30 days : 1



Initiatives in Progress

Initiatives In Progress

- MFA Enterprise Wide Implementation
- Anti-Virus Guidelines
- Password Policy
- Security Training Awareness Policy
- Acceptable Use Policy
- Continued construction of procedure documentation
- Continued Network/Dark Web monitoring

Gap Analysis

Plan for the Following Months

- Cyber Awareness Training
- CSC Gap Assessment
- Maturity Summary

Thank You for Your Attention!

RAVENii
CYBER SECURITY

Priority Area:
Address Declining Neighborhoods

Goal/Objective:
Revitalize housing options

Strategy 1- Housing Revitalization Plan:

Action Steps:

- Using a portion of the general fund reserve balance, create a new revitalization fund with an initial funding of $1.0m
- Incentivize the replacement of declining housing options at outlined by the following table:

Market Value		Assessed Value		Amount of Incentive Available
$274,999	$250,000	$52,249	$47,500	$50,000
$249,999	$225,000	$47,499	$42,750	$45,000
$224,999	$200,000	$42,479	$38,000	$40,000
$199,000	$175,000	$37,999	$33,250	$35,000
$174,000	$150,000	$33,249	$28,500	$30,000

a. Key Program Details:
   i. Must replace an existing single-family home
   ii. Home design must complement existing neighborhood aesthetics
   iii. Incentive will be paid once the new home receives initial assessment by the County. The amount of incentive available will be determined by the assessed value. (Assessed Value is determined by the County Assessor)
   iv. Homes utilizing this incentive will be prohibited from becoming rental property for a ~~10-year~~ 3-year period.
   v. The program will end once initial funds have been depleted or, after 3 years, whichever occurs first.
   vi. The City will start taking applications on April 1, 2023. First review will begin on June 1, 2023. Approval will be limited to 15 applications during the first round (April-June).
      1. City staff will approve applications using the attached scoring calculation
      2. Approval will be limited to 1 application per builder, per round unless the number of qualified applicants is not met.

Resources Required:

1. Program Manager: 0.5 FTE (To be combined with JHAP Manager)
2. Administrative Support: 0.5 FTE ($25,000 to be combined with JHAP Manager)
3. Funding for one-time start-up costs (vehicles, office furniture, phones, etc.). ($2,000)
4. Funding for the incentive: $1.0m (general fund balance) TBD.

"The city could focus on infrastructure improvement, specifically empty houses and buildings. These degrade the whole quality of the community." – Listening Tour Respondent

Total Plan Cost:
Total Additional FTE: 1.0
One-Time Costs: $2,000
Staffing Annual Costs: $58,500
Program Annual Costs: $5,000

Desired Benefit/Outcome:

- Minimizes the long-term negative impact of underperforming real estate.
- Strengthens tax base to benefit local taxing jurisdictions.
- Improves housing supply
- Limits the amount of homes that could be controlled by predatory landlords.

Housing Revitalization Plan Application

Applicant Name: _____

Applicant Address: _____

_____

_____

Applicant Telephone: _____

Date of Application: _____

Applicant Email Address: _____

Amount of incentive requested: _____

Amount of Incentive:	Assessed Value:
$50,000	$52,249 - $47,500
$45,000	$47,499 - $42,750
$40,000	$42,749 - $38,000
$35,000	$37,999 - $33,250
$30,000	$33,249 - 28,500

House to be replaced:

Note: Following this application, please provide exterior and interior pictures of the house being replaced.

Does the Applicant currently own the house? Yes No

Note: Please provide proof of contractual ownership or deed

Year built: _____

Address of the house to be replaced: _____

Part of Home owners association? Yes No

Size of house to be replaced (sqft): _____

Is the house located in a historic or special district? Yes No

Lot size (sqft): _____

House to be built:

Note: Following this application, please provide floor plans, exterior renderings, and interior renderings.

Size of house to be built (sqft): _____

Anticipated completion date: _____

As part of the new construction, will the follwing be added/improved?

- Curb Yes No
- Storm drain Yes No
- Sidewalk Yes No
- Streetlight Yes No
- Driveway Yes No
- Fiber Optic Yes No
- Alley way Yes No
- Landscaping Yes No
- Other (please explain): _____

Staff Comments: