

# Ransomware Prevention Best Practices

## TIPS

[IDENTIFY ASSETS THAT ARE SEARCHABLE VIA ONLINE TOOLS AND TAKE STEPS TO REDUCE THAT EXPOSURE](#)

[PROTECTING AGAINST RANSOMWARE](#)

[UNDERSTANDING PATCHES AND SOFTWARE UPDATES](#)

[USING CAUTION WITH EMAIL ATTACHMENTS](#)

[SMB SECURITY BEST PRACTICES](#)

[WEBSITE SECURITY](#)

[RISING RANSOMWARE THREAT TO OPERATIONAL TECHNOLOGY ASSETS](#)

## Services

TIPS AND BEST PRACTICES FOR HOME USERS, ORGANIZATIONS, AND TECHNICAL STAFF TO GUARD AGAINST THE GROWING RANSOMWARE THREAT. ADDITIONALLY, CISA RECOMMENDS YOU FURTHER PROTECT YOUR ORGANIZATION BY IDENTIFYING ASSETS THAT ARE SEARCHABLE VIA ONLINE TOOLS AND TAKING STEPS TO REDUCE THAT EXPOSURE.

**CYBER HYGIENE SERVICES**: CISA OFFERS SEVERAL FREE SCANNING AND TESTING SERVICES TO HELP ORGANIZATIONS ASSESS, IDENTIFY AND REDUCE THEIR EXPOSURE TO THREATS, INCLUDING RANSOMWARE. BY REQUESTING THESE SERVICES, ORGANIZATIONS OF ANY SIZE COULD FIND WAYS TO REDUCE THEIR RISK AND MITIGATE ATTACK VECTORS.

**ELECTIONS CYBER TABLETOP IN A BOX**: A SELF-GUIDED RESOURCE, CISA DEVELOPED THE ELECTIONS CYBER TABLETOP EXERCISE PACKAGE (COMMONLY REFERRED TO AS “TABLETOP IN A BOX”) FOR STATE, LOCAL, AND PRIVATE SECTOR PARTNERS. THE PACKAGE INCLUDES TEMPLATE EXERCISE OBJECTIVES, SCENARIO, AND DISCUSSION QUESTIONS, AS WELL AS A COLLECTION OF CYBERSECURITY REFERENCES AND RESOURCES.

**MALICIOUS DOMAIN BLOCKING AND REPORTING**: THIS SERVICE IS AVAILABLE FOR U.S. STATE, LOCAL, TRIBAL, AND TERRITORIAL GOVERNMENT MEMBERS OF THE MULTI-STATE INFORMATION SHARING AND ANALYSIS CENTER® AND ELECTIONS INFRASTRUCTURE INFORMATION SHARING AND ANALYSIS CENTER®, IN PARTNERSHIP WITH CISA AND AKAMAI.

**NATIONWIDE CYBERSECURITY REVIEW**: THIS FREE, ANONYMOUS, ANNUAL SELF-ASSESSMENT DESIGNED TO MEASURE GAPS AND CAPABILITIES OF STATE, LOCAL, TRIBAL AND TERRITORIAL GOVERNMENTS’ CYBERSECURITY PROGRAMS. IT IS BASED ON THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY CYBERSECURITY FRAMEWORK AND IS SPONSORED BY DHS AND THE MULTI-STATE INFORMATION SHARING AND ANALYSIS CENTER®.