

8-504. Minimum workstation configuration.

Improperly configured workstations are at risk to be compromised. Without proper adherence to these workstation security standards, the state is at increased risk to have data lost, stolen, or destroyed. This standard is necessary to protect the state from unauthorized data residing, or activity occurring, on state equipment. It is also necessary to reduce the likelihood of malicious activity propagating throughout the state networks or launching other attacks. All managed workstations that connect to the state's network are required to meet these standards. The Office of the CIO is responsible for maintaining these standards and for configuring and managing the hardware, software, and imaging processes for all managed workstations. Workstation standards should be securely maintained and stored in a centralized documentation library. The degree of protection of the workstation should be commensurate with the data classification of the resources stored, accessed, or processed from this computer. The following are minimum workstation configuration standards:

- (1) OCIO-approved endpoint security (anti-virus) software must be installed and enabled;
- (2) The host-based firewall must be enabled;
- (3) The operating system must be configured to receive automated updates;
- (4) The system must be configured to enforce password complexity standards on accounts;
- (5) Application software should only be installed if there is an expectation that it will be used for state business purposes. Application software not in use should be uninstalled;
- (6) All application software must have security updates applied as defined by patch management standards and be of a vendor supported version;
- (7) Web browsers settings should be selected or disabled as appropriate to increase security and limit vulnerability to intrusion;
- (8) CIS Level 1 Controls should be maintained on all state managed workstations, where technically feasible;
- (9) Shared login accounts are prohibited unless approved by the state information security officer;
- (10) Users need to lock their desktops when not in use. The system must automatically lock a workstation after 10 minutes of inactivity;
- (11) Users are required to store all HIGH IMPACT or MODERATE IMPACT information on IT managed servers, and not the local hard drive of the computer. Local storage may only be

used for temporary purposes when the data stored is not sensitive, and where loss of the information will not have any detrimental impact on the state;

(12) All workstations must be re-imaged with standard load images prior to reassignment; and

(13) Equipment scheduled for disposal or recycling must be cleansed following agency media disposal guidelines.

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History: Adopted on July 12, 2017. Amended on November 10, 2022; July 14, 2023; and November 8, 2024.

URL: <https://nitc.nebraska.gov/standards/8-504.pdf>