

# Building a Comprehensive Network Security Checklist

## Why Do You Need a Network Security Checklist?

A network security checklist is the best way to help you feel comfortable that everything is battened down and locked up, safe from the prying eyes of cyber criminals. It is critical to remember, however, that no matter how thorough your checklist at any time, you need to plan for regular updates to keep up with the wildly rapid advances in technology that constantly keeps your organization's information privacy and protection goal posts moving.

## Keep These Factors in Mind When Building Your Checklist

**Modern Networks Are Large, Inter-connected, Complex and Vulnerable.**

By desire and design, networks have become behemoth information portals that feature ubiquitous protocols, such as IPs, and proprietary protocols.

**Computer Systems and Their Attached Applications Increasingly Become More Complex.**

As computer systems become more sophisticated — handling more processes and data at greater speeds and power levels — they also become more challenging to manage.



## USE THE FOLLOWING SECTIONS IN YOUR SECURITY CHECKLIST

### I. Administrative Controls & Prevention Measures

- Set Training Schedule
- Create a Comprehensive User Manual
- Ensure Use of Two-Factor Authentication (2FA)

### II. Policy Controls to Protect Your Network

- Network Security Policy
- Internet Usage Policy
- BYOD Policy
- Acceptable Use Policy
- Remote Access Policy
- Email and Communications Policy
- Privacy Policy
- Remote Access Policy

### III. A Server Deployment Checklist

Other information to add to your server checklist includes:

1. The responsible party who knows the reason for a particular server
2. Note naming conventions to identify irregular traffic from familiar names on the network.

### IV. Additional Items to Include

- Router Considerations
- Firewall Considerations
- Antivirus Considerations
- Switch Considerations