

# TOP 10

## IT SECURITY ACTIONS

### PROTECT YOUR NETWORK. PROTECT CANADA'S INFORMATION.

The Top 10 IT Security Actions were selected and prioritized based on CSE's analysis of cyber threat trends affecting Government of Canada (GC) Internet-connected networks. When implemented as a set, the Top 10 helps minimize intrusions or the impacts to a network if a successful cyber intrusion occurs.

[cyber.gc.ca](http://cyber.gc.ca)

#### THREAT SURFACE BEFORE THE TOP 10

- 1 USE SHARED SERVICES CANADA INTERNET GATEWAYS
- 2 PATCH OPERATING SYSTEMS AND APPLICATIONS
- 3 ENFORCE THE MANAGEMENT OF ADMINISTRATIVE PRIVILEGES
- 4 HARDEN OPERATING SYSTEMS
- 5 SEGMENT AND SEPARATE INFORMATION
- 6 PROVIDE TAILORED AWARENESS AND TRAINING
- 7 MANAGE DEVICES AT THE ENTERPRISE LEVEL
- 8 APPLY PROTECTION AT THE HOST LEVEL
- 9 ISOLATE WEB-FACING APPLICATIONS
- 10 IMPLEMENT APPLICATION ALLOW LISTS

#### THREAT SURFACE AFTER THE TOP 10

