CyberTaipan
Technical Specifications

In 2023 CyberTaipan requires all teams to use VMWare to access competition images. Find hardware, network, and other requirements below.
Contact cybertaipan@csiro.au for assistance or further information.

Hardware Requirements

- There are two images in each round. It is recommended that teams use one host machine for each image. If teams do not have access to two host machines, only run one image on a single machine at one time.

- **Processors** (made 2011 and after)
  Intel: 64-bit i3 processor of the generation "Sandy Bridge" or better OR
  AMD: 64-bit processor of the generation "Bulldozer" or better

- Virtual Extensions Virtualization technology/extensions (e.g., VT-x, Vx) must be ENABLED in BIOS

- **RAM** 8 GB of RAM

- **Disk Space** 40 GB of free disk space

- **Display** XGA (1280x768) or higher display / 1280x1024 recommended

Network Requirements

- CyberTaipan requires a DSL or faster network connection.

- The most common difficulty encountered by teams during competition is having their traffic blocked by a school firewall, filter, or proxy server.

- All teams will need OUTBOUND access to BOTH HTTP on Port 80 and HTTPS on Port 443 on the competition servers to participate in CyberTaipan. This does not mean Port 80 and Port 443 are wide open to the internet.

Presented by

NORTHROP GRUMMAN

Sponsored by

ASD
AUSTRALIAN SIGNALS DIRECTORATE

In partnership with

CSIRO digital careers

Website Access Requirements

- The minimal website access required to participate in CyberTaipan is listed below.

- The website access list is not all-inclusive and does not include research and updates for applications. If the websites can be reached from current school or organization computers, there should be no special requirement for CyberTaipan access.

- The website access requirements listed below should be whitelisted if they cannot be accessed through school or organizational computers.

www.uscyberpatriot.org	Coach's Dashboard, Competition Information
www.microsoft.com	Information on Windows OS and Updates
www.vmware.com	VMware software required to compete
www.7-zip.com	7-Zip compression software is required to compete
www.canonical.com	Ubuntu software updates
www.ubuntu.com	Ubuntu information
http://winmd5.com/	MD5 checksum required to test competition file integrity
s3.amazonaws.com	Links to competition information
Search Engine	Google, Bing, etc. for research and to find updates
Web Browsers	Chrome, Firefox, Microsoft Edge, etc. for updates, etc.

Competing with a non-Windows Operating System
- Other operating systems such as Apple Mac Operating Systems and Linux Operating Systems may be used at the team's own risk, but issues resulting from their use (e.g., the image does not open, image locks up, score checks do not work, etc.), are not grounds for appeal or special consideration
- Teams using Apple Mac computers should have a Windows computer available during the competition in case there is a compatibility issue with the software. The Windows computer must meet the technical specifications listed on this page to be compatible with the CyberTaipan software.
- If you have access only to Apple computers, please see this unofficial guide for a Coach's advice on how to participate in the competition: **CyberPatriot Mac Guide.**