



## ISO Position Paper

<b>Position Title</b>	Campus-wide Discovery Scanning
<b>Position Audience</b>	Princeton IT Professionals
<b>Contact</b>	Information Security Office: InfoSec@princeton.edu
<b>Position Release Date</b>	January 4, 2017
<b>Last Update</b>	Initial posting

### Problem Statement

According to the SANS Critical Security Controls, it is important to have an accurate inventory of the assets on your network. The top three controls listed fall into this category. Currently, the University only has a list of assets and their corresponding OS if they are part of a Princeton managed environment through the use of two widely used tools for Windows and Mac environments. The University currently lacks insight into systems that are not managed by these tools. Systems that are running an OS, software or browser that is no longer supported by the vendor pose a risk to the University and should be identified to determine if the risks associated with running an unsupported operating system are appropriately mitigated to protect University data.

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### ISO Position

The ISO will periodically scan the entire University IP address space to determine the current state of the systems that are on the network. These scans will be performed using University approved tools. Appropriate channels will be used to alert the University technical community prior to the scans taking place.

Upon completion of the scan, notification will be sent to appropriate technical contacts if their systems are found to be running an outdated OS, software or browser that poses a risk to Princeton. Assets running unsupported components should either be removed from the network or further protected using compensating controls.

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### Additional Information

The Information Security Office can assist with determining and analyzing compensating controls. Inquiries should be directed to [infosec@princeton.edu](mailto:infosec@princeton.edu).

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Princeton University

Data classification: Public