

WATCHFIRE: WEB APPLICATION SECURITY OVERVIEW

August 29, 2007

DESCRIPTION

UC Davis has a substantial web presence; Google reports approximately 700,000 web pages at ucdavis.edu. As a result of this observation and the discussions surrounding cyber-safety reports submitted in 2006, web application security was added to the list of UC Davis Cyber-safety Program standards in June. Shortly thereafter, the IET security group began investigating tools that can be used by web developers, content managers, database administrators, and system administrators to check web applications for vulnerabilities. Based on the investigations, the IET security group recommended Watchfire.

STATUS

In August, the campus purchased Watchfire per the UCOP purchasing agreement. The agreement includes:

- 25 licenses for configuration, scanning and reporting features
- 25 licenses for computer-based training
- On-site training for administrators and license holders

IMPLEMENTATION PLAN & TIMELINE

Per the campus agreement, Watchfire will be deployed and on-site training completed no later than mid-November 2007. The following is an approximate timeline and is subject to change.

- October 1 - 15: Watchfire staff available for implementation planning
- October 15 – November 2: Watchfire staff on-site for implementation assistance
- October 22 – 26: Watchfire staff on site for training

NEXT STEPS

- Develop license distribution plan and process
- Finalize training strategy and timeline
- Develop and implement communication plan