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TRAINING THE CYBER SECURITY WORKFORCE

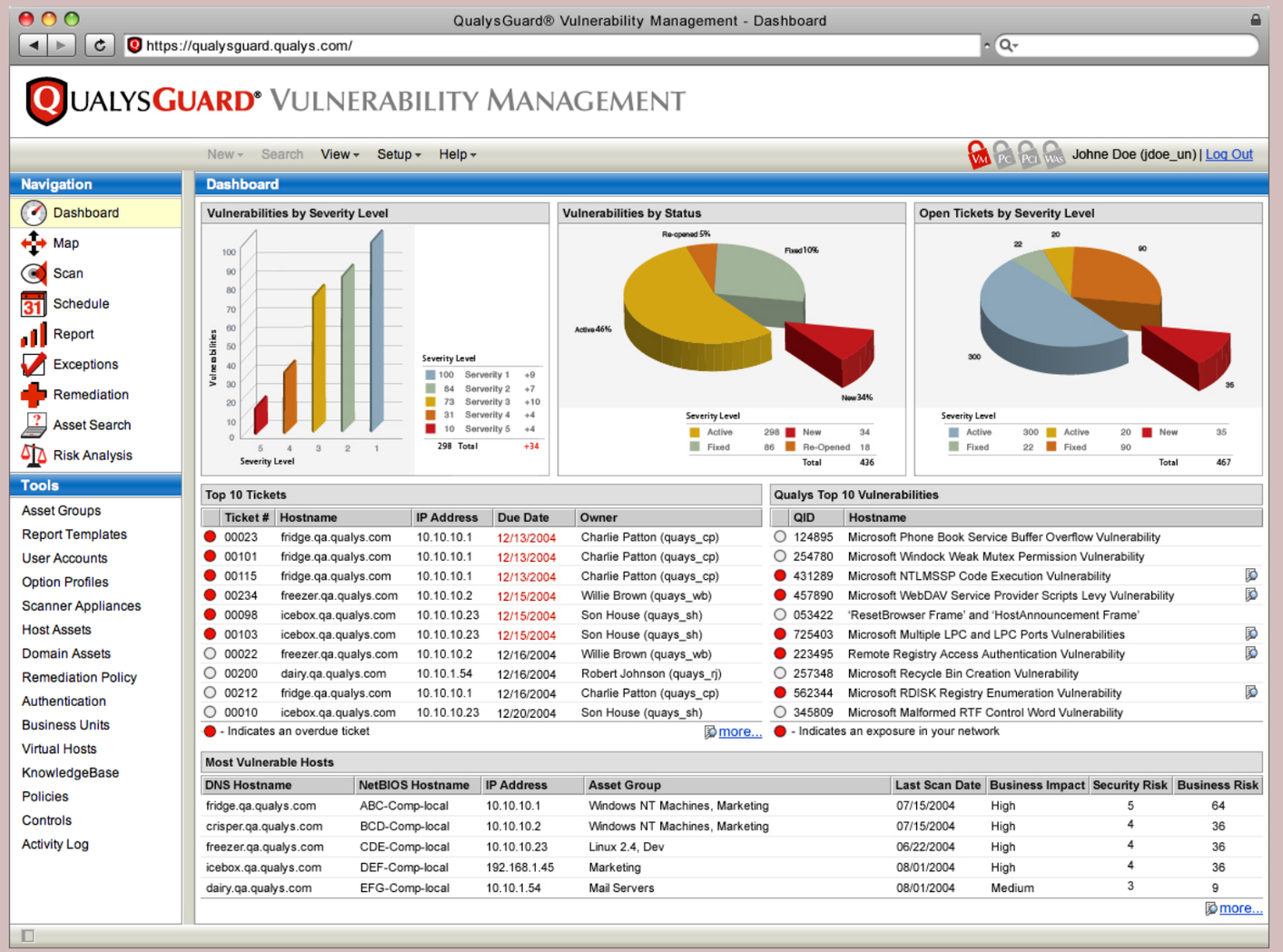
Scanning Tools

VULNERABILITY MANAGEMENT

Vulnerability Scanning Tools

- QualysGuard
- Tenable's Nessus
- Rapid7's Nexpose
- OpenVAS
- Nikto Web Application scanner
- Microsoft Baseline Security Analyzer

QualysGuard Vulnerability Scanner



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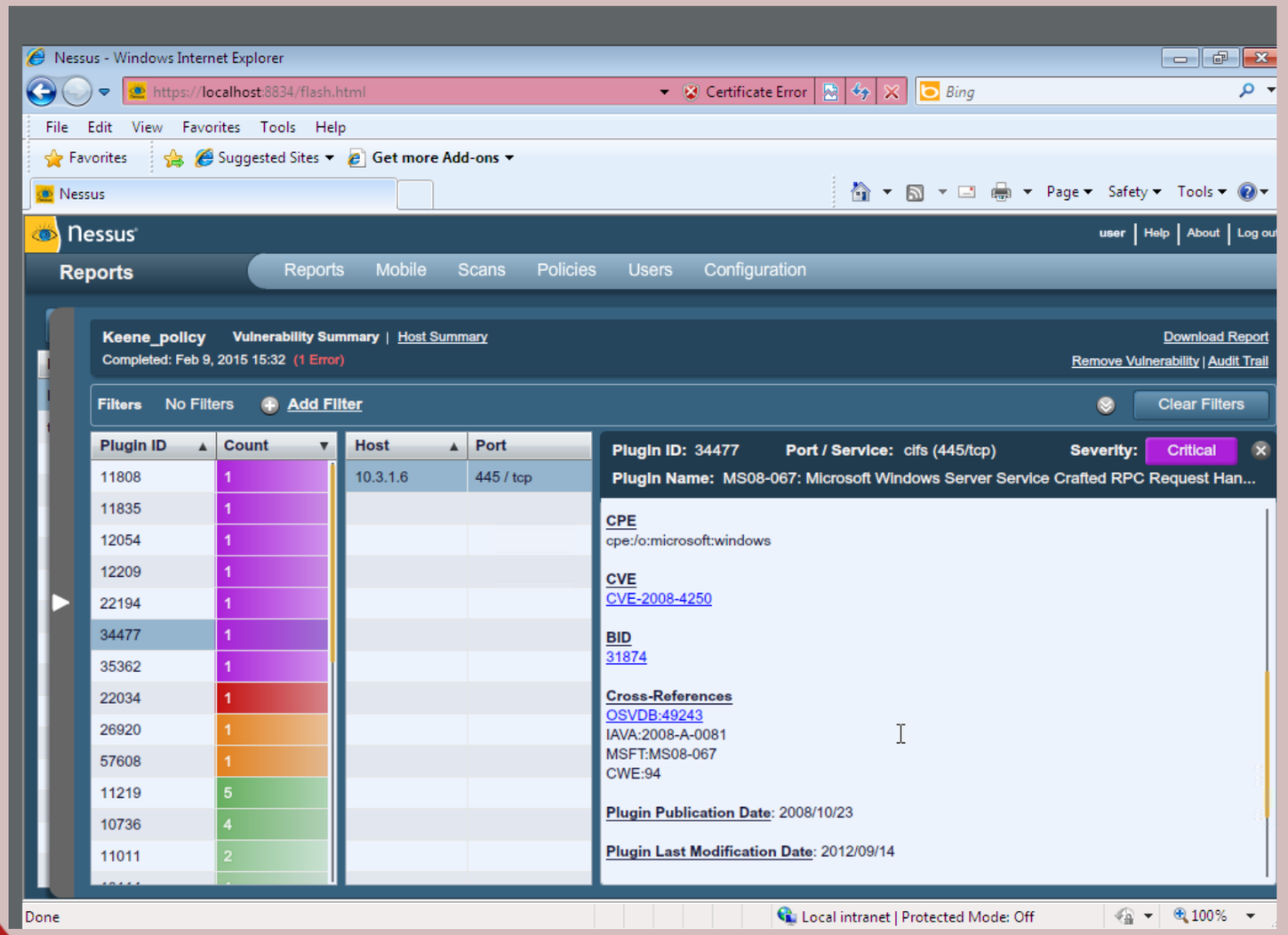
Tenable's Nessus Vulnerability Scanner



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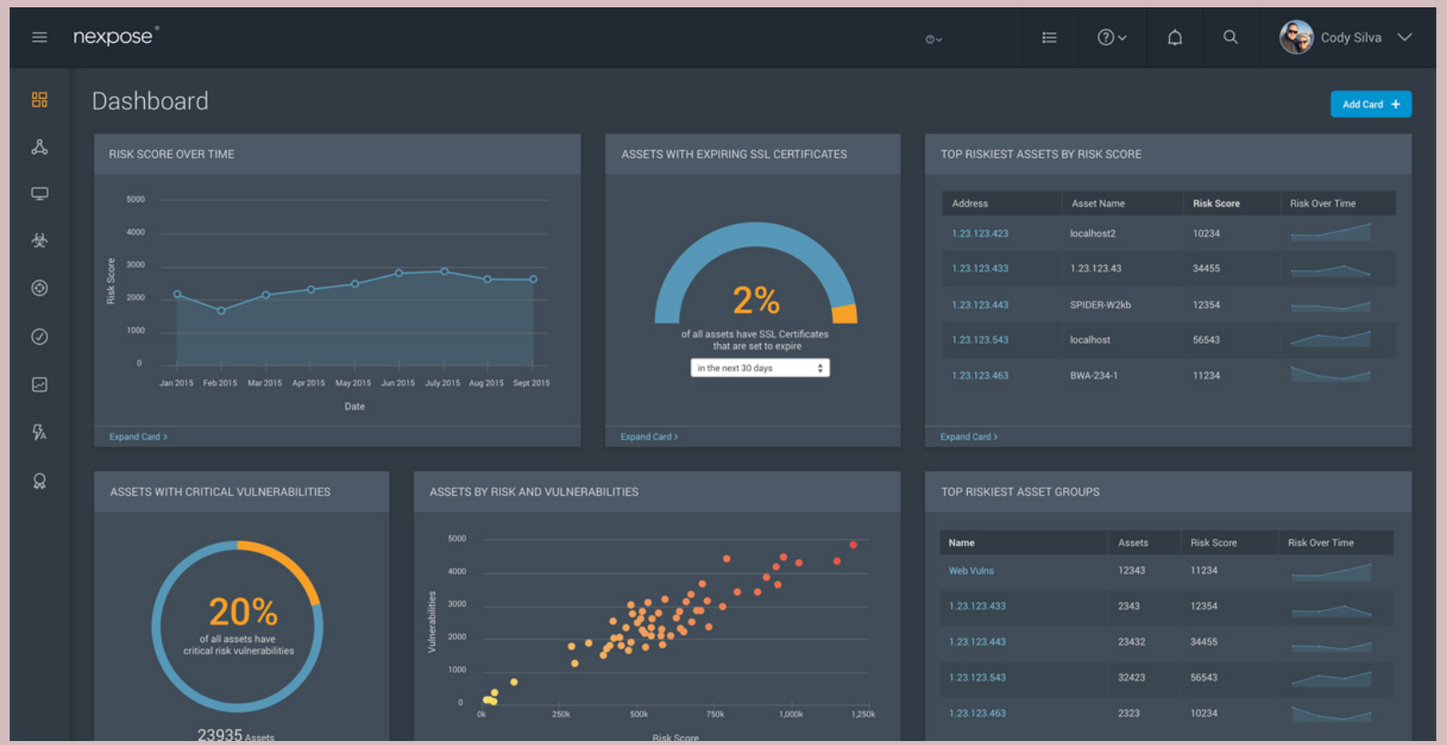
Rapid7's Nexpose



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OpenVAS (Open-source Scanner)

Nikto
(Web Application Scanner)

```
- Nikto v2.1.6
---------------------------------------------------------------------------
+ Target IP:          87.229.144.34
+ Target Hostname:    google.ru
+ Target Port:        80
+ Start Time:         2015-02-26 14:51:38 (GMT6)
---------------------------------------------------------------------------
+ Server: gws
+ Uncommon header 'alternate-protocol' found, with contents: 80:quic,p=0.08
+ The X-Content-Type-Options header is not set. This could allow the user agent
to render the content of the site in a different fashion to the MIME type
+ Root page / redirects to: http://www.google.ru/
+ Server banner has changed from 'gws' to 'sffe' which may suggest a WAF, load b
alancer or proxy is in place
+ No CGI Directories found (use '-C all' to force check all possible dirs)
+ OSVDB-5737: WebLogic may reveal its internal IP or hostname in the Location he
ader. The value is "http://87.229.144.34/".
```

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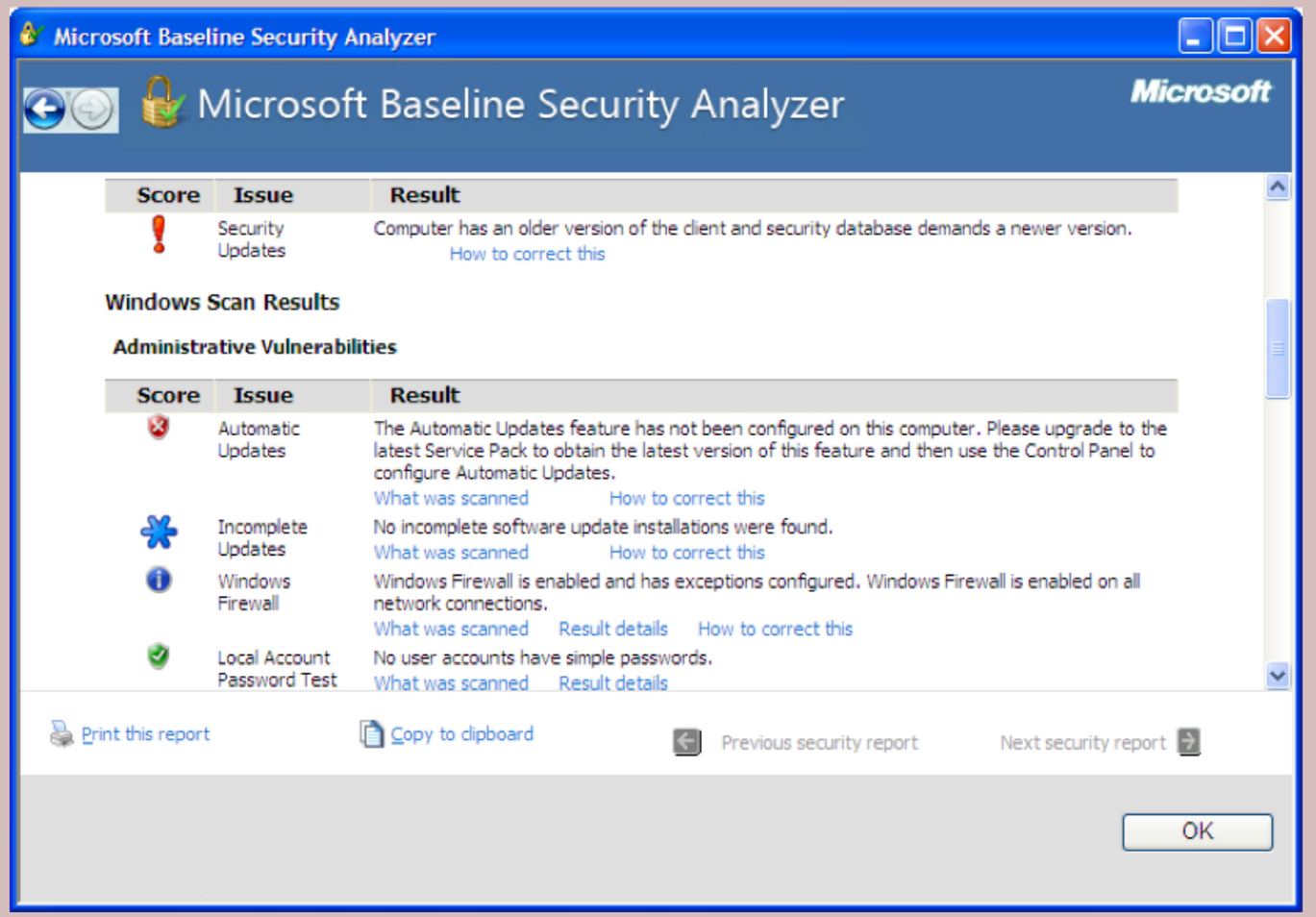
Microsoft's Baseline Security Analyzer



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