JumpCloud #2

Windows Multi-factor Authentication

Client

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Company Background

JumpCloud is a venture-funded company located in Boulder. Founded in 2012 we now have seven engineers working in Go and Node.js backed with MongoDB in an Amazon-based environment. Our offerings are centered around server management, security, and authentication controlling who can get onto a machine and allowing administrators to manage the servers with complex orchestration, as well as managing the security posture of the system.

More information is available at http://www.jumpcloud.com.

Project Goals

JumpCloud's offerings center around user identity and security. Our unix and web-based multi-factor authentication is built on Google Authenticator. We would like to expand our MFA solution to include Windows authentication as well.

Specifically we need to:

* Implement an enhancement to the Windows Logon process to add additional authentication.

* Integrate this with JumpCloud's Windows agent

Project Skills

* Basic programming knowledge.

* Ability to *explore* and create new technologies.

* Ability to learn/modify existing systems.

* Perseverance. This project may require more reading of documentation and "spiking" (creating small test programs to explore) than straight coding.

Team Size and Location

Ideal team size is 3-4 people. Location is flexible.