## Windows Multi-factor Authentication

### Client

Topher Marie, CTO

### 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.


### 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.