Beta Presentation
Secure Application Layer API Proxy

The Capstone Experience

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Project Overview

• Translation
  ▪ Translate requests from REST to SOAP
  ▪ Translate responses from SOAP to REST

• Authentication
  ▪ Signed JSON Web Tokens
  ▪ VIP Certificates

• Testing
System Architecture

Client

Proxy (REST)

REST API Request

Proxy Certificate

SOAP API Request

VIP (SOAP)

REST API Response

SOAP API Response
Login Screen

The Capstone Experience
Team Symantec Beta Presentation
Create New User

Email: johndoe@gmail.com
Create Password: ***************
Confirm Password: ***************
Passwords Match

Create User

See Help for assistance.
Add Credentials Page
Entering One Time Password (OTP)
Entering One Time Password (OTP)
Translation Process

Security Code Verification

Please enter Security Code from your VIP credential.

Security Code: 645943

Cancel Continue

Don't have VIP two-factor authentication? Download the app.

Converting Response...
Final JSON Body

```json
1. {
2.   "requestId": "123edabc",
3.   "userId": "John Walker",
4.   "includePushAttributes": true,
5.   "includeTokenInfo": true
6. }

Restart
```
What’s left to do?

- API versioning
- Finish parsing status code responses
- Add final integration tests
- Finish up documentation
- Project video
Questions?