Non-interactive AWS Azure Login

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Password management

For password management, I use pass[1].

⟨*Get the password from the store* 1⟩≡   (4)
```
pass show "Azure AD" | head -n1
```

On top of that, I use the pass-otp[2] extension to manange OTP tokens.

⟨*Generate an OTP token* 2⟩≡   (5)
```
pass otp show "Azure AD"
```

With these two tools, I can automate refreshing my AWS credentials using Azure AD.

Automated interaction

Spawn a non-interactive aws-azure-login[3] process, forcing a credential refresh, even if they are still valid.

⟨*Spawn aws-azure-login process* 3⟩≡   (6)
```
spawn -noecho aws-azure-login --force-refresh --no-prompt
```

Alternatively, I could send the username...

```
set username [ exec pass show "Azure AD" | awk "/Username:/ { print \$2 }" ]
expect "*Username*" { send "$username\n" }
```

... and duration to their respective prompts.

```
expect "*Duration*" { send "8\n" }
```

The main point of this script is to obviate the need for me manually provide my password and OTP token. I prefer to let `expect` `interact` on my behalf.

When prompted for the **password**, get it from the store and `send` it.

⟨*Send the password when expected* 4⟩≡   (6)
```
expect "*Password:*" {
    set password [ exec ⟨Get the password from the store 1⟩ ]
    send "$password\r"
}
```

When prompted for an OTP token, generate one and `send` it.

⟨*Send the OTP token when expected* 5⟩≡   (6)
```
expect "*Verification Code:*" {
    set verification_code [ exec ⟨Generate an OTP token 2⟩ ]
    send "$verification_code\r"
}
```

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[1] https://www.passwordstore.org/

This assumes `Azure AD` is in the password store.

[2] https://github.com/tadfisher/pass-otp

This assumes `Azure AD` is configured.

[3] https://github.com/sportradar/aws-azure-login

This requires the environment variable, AWS_PROFILE, to be set, and ~/.aws/config to be properly configured.

⟨ * 6⟩≡
```
#! /usr/bin/env expect
```

⟨*Spawn aws-azure-login process* 3⟩

⟨*Send the password when expected* 4⟩

⟨*Send the OTP token when expected* 5⟩

```
interact
```

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