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@Scope(value = ConfigurableBeanFactory.SCOPE_PROTOTYPE)
public class FTPS {

    private final FTPSClient ftpsClient;
    private final FTPSConnectionProperties ftpsConnectionProperties;
    private final FTPSConnectionService ftpsConnectionService;
    private String directory;

    @Autowired
    public FTPS(FTPSConnectionService ftpsConnectionService, FTPSConnectionProperties ftpsConnectionProperties) {
        this.ftpsConnectionService = ftpsConnectionService;
        this.ftpsConnectionProperties = ftpsConnectionProperties;
        ftpsClient = new FTPSClient(ftpsConnectionService.getSSLContext(ftpsConnectionProperties));
        ftpsClient.setConnectTimeout(((int) Duration.ofMinutes(ftpsConnectionProperties.getSessionTimeout()).toMillis()));
    }

    private void login() throws IOException {
        ftpsClient.login(ftpsConnectionProperties.getUsername(), ftpsConnectionProperties.getKeyStorePassword());
    }

    public void connect() throws IOException {
        ftpsClient.connect(ftpsConnectionProperties.getHost(), ftpsConnectionProperties.getPort());
        ftpsClient.execPROT("P");
        ftpsClient.execPBSZ(0);
    }

    public void changeDirectory(String directory) throws IOException {
        this.directory = directory;
    }

    public byte[] retrieveFileStream(String fileName) throws IOException {
        login();
        ftpsClient.changeWorkingDirectory(directory);
        ftpsClient.setFileType(FTP.BINARY_FILE_TYPE);
        ftpsClient.enterLocalPassiveMode();
        InputStream inputStream = ftpsClient.retrieveFileStream(fileName);
        Optional.ofNullable(inputStream).orElseThrow(IOException::new);
        return IOUtils.toByteArray(inputStream);
    }
}

```