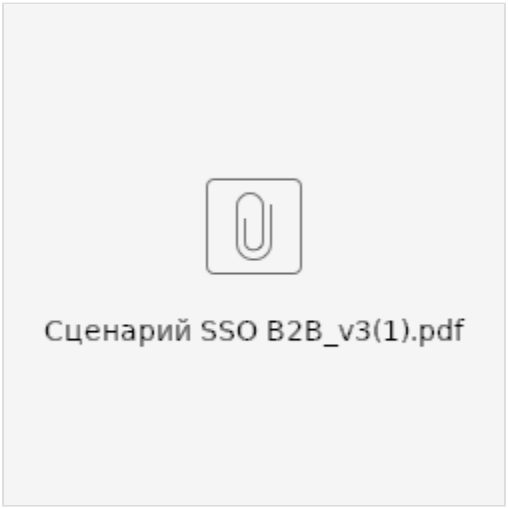v1.20_ SSO