



# **Multi-Factor Authentication with PowerSC**

#### Overview

PowerSC Multi-Factor Authentication (PMFA) is an IBM offering designed to greatly reduce the risk of data breach caused by compromised credentials by providing numerous flexible options for implementing Multi-Factor Authentication on Power. PMFA is implemented with a Pluggable Authentication Module (PAM), and can be used on AIX, VIOS, RHEL, SLES, IBM i, HMC, and PowerSC Graphical User Interface.

In this proof-of-concept service, clients receive a guided introduction to the installation and configuration of PMFA by an experienced IBM security consultant.

# **Authentication Methods Supported**

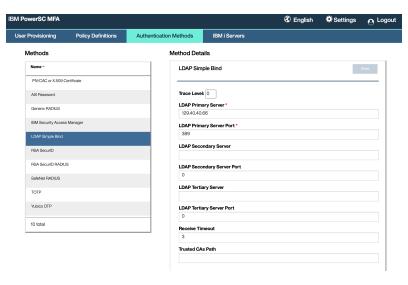
- TOTP (for example, IBM TouchToken for iOS)
- Generic TOTP (for example, IBM Verify, Google Authenticator, Duo Mobile)
- SafeNet RADIUS
- RSA SecurID
- RSA SecurID RADIUS
- Gemalto SafeNet RADIUS
- Generic RADIUS
- YubiKey
- PIV/CAC or X.509 Certificate
- IBM Security Verify Access
- LDAP Simple Bind
- Local Password

### Minimum Software Level Requirements (PMFA Client)

- AIX 6.1.9.8
- AIX 7.1.5.2
- AIX 7.2.1.1
- VIOS 2.2.5.20
- RHEL 8 (Power, LE)
- SLES 15 (Power, LE)
- IBM i 7.2
- HMC V9R1.921
- Virtual HMC V9.1.940
- PowerSC Graphical User Interface Server 1.2.0.2







#### **Common Use Cases**

- Organizations needing to comply with regulatory or industryspecific requirements, such as PCI DSS
- Organizations wanting to eliminate weak authentication methods, such as using passwords only
- Organizations wanting to better protect sensitive data by ensuring only authorized personnel can access their systems
- Organizations wanting to implement stronger authentication for remote and all administrative access
- Organizations seeking to reduce the security risk of one of the top causes of a data breach: compromised login credentials

## **Engagement Process**

- Consultant arranges prep call to discuss requirements, scheduling, and agenda
- Consultant works with client to install and configure PowerSC MFA in client environment
- · Consultant provides advice on best practice implementation
- Consultant works with client to verify the PMFA functions most important to the client
- Consultant provides presentations to facilitate knowledge transfer concerning the numerous capabilities of PowerSC MFA

#### **Deliverables**

- 1. Presentation Slides an electronic copy of all presentation slides
- Configuration documents an electronic copy of configuration documents