MIMOS Unified Authentication Platform (Mi-UAP)

Organisations with multiple enterprise systems require optimised and centralised multi-factor authentication with single sign-on capabilities across a wide variety of business units and functions. MIMOS Mi-UAP simplifies the complexity of managing multiple user IDs with seamless identity management using a trust model approach.

Overview

MIMOS Mi-UAP addresses problems related to the increase of operational risks attributed to users and system administrators who control and provide cross-application functionalities in heterogeneous applications by offering knowledge-based and token-based authentication with centralised user management.

Mi-UAP is designed to manage front-end application authentication using an established protocol, Secure Assertion Markup Language (SAML), which provides a centralised authentication framework and aims to reduce significant application changes at the back-end.

Features

Mi-UAP comprises the following features:

- **Trust Model Approach**
  
  The required trust level for an organisation can be defined and handled by a central application while Mi-UAP evaluates user trust level based on authentication methods used and usage profile (time, location, browser and device type).

- **Single Sign-On/Single Sign-Off (SSO)**
  
  To allow users to operate in a seamless environment, SSO denotes that a user can simply access large-scale enterprise applications without multiple logins; access is provided seamlessly after the first login.

- **Adaptive Authentication and Threat Response**
  
  Users are required to provide additional authentication to meet required application trust levels, and new authentication methods can be added without modifying existing applications.

- **Authentication as a Service**
  
  Mi-UAP provides the necessary technology to offer Authentication as a Service in a cloud environment.

Technology Benefits

The main impacts of Mi-UAP are:

- **Containment of Operational Risks**
  
  Identification of usage and activities can be centrally tracked and traced without multiple passwords and complex password management policies.

- **Amplified Productivity**
  
  Cross-functional features enable stakeholders to benefit enterprise-wide from system owners, to system administrators, to system developers and system users.

- **Reduced Cost via Centralised Authentication**
  
  Minimised multiple changes result in lesser impact and reduced cost with the centrally-managed platform.

Technology Summary

**Mi-UAP**

A multi-factor authentication platform with web-based single sign-on to manage user authentication profiles.

**Industries:** Government, Healthcare, Education, Enterprise

**Features**

- Trust model approach
- Single sign-on/single sign-off (SSO)
- Adaptive authentication and threat response
- Authentication as a Service

**Technology Benefits**

- Containment of operational risks
- Amplified productivity
- Reduced cost via centralised authentication

System Requirements

<table>
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<tr>
<th>MI-UAP</th>
<th>Host Server Requirements</th>
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</thead>
<tbody>
<tr>
<td>Processor</td>
<td>Quad-Core</td>
</tr>
<tr>
<td>Memory</td>
<td>Minimum 8GB of memory</td>
</tr>
<tr>
<td>Disk Storage</td>
<td>Minimum 80GB of hard disk space</td>
</tr>
<tr>
<td>Operating System</td>
<td>Ubuntu 12.04 LTS</td>
</tr>
</tbody>
</table>

| Virtual Machine Requirements |
| Processor | Dual-Core |
| Memory | Minimum 4GB of memory |
| Disk Storage | Minimum 10GB of hard disk space |
| Operating System | Ubuntu® 12.04 LTS |

| Server/Gateway Requirements |
| LDAP Server | Authentication Gateway |
| Registration Server | OTP Server |
| Authentication Server |

MIMOS is the leader in ICT innovations, pioneering new market creations for partners through patentable technologies for economic growth. For more information on MIMOS technologies, contact mimossolutions@mimos.my or go to www.mimos.my.

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