∞xiid.

Customer Deployment Requirements

Xiid.IM – Identity and Access Management

Requirements

Operating System and Architecture Requirements

Xiid.IM has a software component called an **RDP Wrapper,** which may be installed on client machines. The RDP Wrapper is lightweight and built for several operating systems including Windows, macOS and Linux. The Configuration Agent used to configure your Identity and Access Management and can be installed on Windows or Linux.

What you Need:

RDP Wrapper Operating Systems
- **Windows (All)**
- **MacOS (support released soon)**
- **Linux**
  - Red Hat Enterprise Linux
  - Ubuntu
- **Solaris**

Configuration Agent Operating Systems
- **Windows**
  - Server 2014
  - Server 2019
  - Server 2022
  - Desktop Editions above Windows Vista
- **Linux**
  - Red Hat Enterprise Linux
  - Ubuntu

Supported Architectures
- **X86-64**
- **AMD64**

Hardware Resources

The Xiid.IM Agent can be deployed on any new or existing machine that can reach the LDAP-based directory.

What You Need:

One machine for the IM Agent (Windows or Linux)

Minimum System Requirements:

- **1 CPU Core**
- **1 GB RAM**
- **Disk Space**
  - 2 GB Installation and files
  - 1+ GB for log files

Recommended System Requirements:

- **4 CPU Cores**
- **4 GB RAM**
- **Disk Space**
  - 2 GB Installation and files
  - 2+ GB for log files

Note: These requirements are based on an expected load of **30,000 authentication requests per day.**

Network Resources

The Xiid.IM Agent **must** be able to reach the LDAP Directory Service. We **strongly** recommend that the IM Agent be on a closed subnet **adjacent to** (adjacent to or on the same server as) the **LDAP Directory**. Opening inbound ports to the LDAP Directory Service for the IM Agent to query is unnecessary and violates Xiid's Zero Knowledge Networking framework.

What you Need:

The above hardware for the IM Agent **must** be on the same subnet as the LDAP Directory Service. The IM Agent can also be installed directly on the Domain Controller/machine that also hosts the Directory Service

The IM Agent uses port 389 by default for LDAP queries but that port is customizable in the Xiid system if you use a non-standard LDAP port

The Xiid.IM Agent **must** be able to reach outbound on port 443 to the *Xiid Collector* (this may be hosted by Xiid or on-premise)

Directory Resources

The Xiid.IM Agent **must** have the UPN and password of a *service account* contained within the LDAP Directory that you would like integrated with Xiid's Identity and Access Management Platform. The Service Account only requires **minimal permissions** in the LDAP directory, we do not recommend using an account with Administrative access.

What you Need:

A *Service Account* (user account) in **each** LDAP Directory you would like to integrate into Xiid's Identity and Access Management Platform

- **Xiid.IM Requires the UPN (User Principle Name) and the Password**

The *Service Account* **must** be present in the Directory with which you would like to query for authentication.

The *Service Account* **should not** contain any elevated privileges, only minimal directory permissions. (i.e. **Domain Users** Security Group in Active Directory)

Client Resources

There are no resources required on the client machines for Xiid.IM. There is an optional lightweight piece of "wrapper" software that client machines may install to facilitate RDP access more seamlessly. The wrapper is not required to use RDP integration with Xiid.IM.

What you Need:

Optionally: You may install the RDP wrapper software on client machines to facilitate RDP access through the SSO Portal. It is **not required,** and most clients prefer not to install the wrapper. The wrapper automatically injects the one-time-password provided by the RDP Agent into the RDP connection file. Alternatively, without the wrapper, clients may simply download the .rdp file and paste the password automatically injected into their clipboard.

What Xiid Provides

Software Resources

Xiid will provide the Xiid.IM installer and software for setup and configuration of your Xiid Platform. This includes Single Sign-On support, Legacy Multi-Factor Authentication, XOTC Authentication, Credentialed Authentication, RDP Agents, RDP support, VDI support, and Virtual Trust Relationships.

What Xiid Provides:

- **The Xiid.IM Installer for full installation, configuration and setup of the Xiid Identity and Access Management Platform.**
- **Optional Wrapper software to facilitate RDP Access – per customer preference.**
- **Support for Xiid.IM Installation, setup and configuration as well as customer support after installation**