

Components

Management server

Indeed Identity PAM Core

This is the central component that manages the logic of Indeed Identity PAM operation. It is a web application that operates on Internet Information Services (IIS) web server.

Consists of:

- [ASP.NET Core applicatoin – core](#)

Tasks:

- Providing centralized management of system users.
- Managing resource access credentials.
- Providing flexible settings through access policies.
- Storing privileged accounts data.
- Performing scheduled tasks.

Indeed Identity IdP

Identity Center, responsible for user authentication. It is a web application running on the Internet Information Services (IIS) web server.

Consists of:

- [ASP.NET Core applicatoin – idp](#)

Tasks:

- Training and verification of authenticators
- Providing user authentication data to other system components

Indeed Identity PAM Management Console

Indeed Identity PAM Management Console is a graphical shell for Indeed Identity PAM Core. It provides an interface for configuring, managing and auditing the system. It is a web application that operates on Internet Information Services (IIS) web server.

Consists of:

- [AngularJS application – mc](#)

Tasks:

- The task list is identical to [Administration](#) section.

Indeed Identity PAM User Console

Indeed Identity PAM User Console provides for interface to access the target resources. It is a web application that operates on Internet Information Services (IIS) web server.

Consists of:

- [AngularJS application – uc](#)

Tasks:

- Displaying of available accounts and resources accessible for the end user.
- Starting a privileged session.

Indeed Identity Log Server

This is a uniform event log that collects and stores the Indeed Identity PAM events. It is a web application that operates on Internet Information Services (IIS) web server.

Consists of:

- [ASP.NET application – ls](#)

Tasks:

- Collecting and storing of events
- Providing quick event query results

Indeed Identity PAM EventLog

An add-on for Indeed Identity Log Server, designed to record Indeed Identity PAM events to the Windows event log.

Task:

- Allows Indeed Identity Log Server to communicate with Windows Log.

Access server

Indeed Identity PAM Gateway

A set of components that are responsible for providing access to target resources, logging user sessions, saving logs to file storage, and processing file read operations on disks.

Consists of:

- Windows desktop application – ProxyApp.exe
- File System Driver – Pam.FsFilter
- Windows service for interacting with a file system filter – Pam.Service
- Modified SSH Client – Putty.exe
- mstsc extension
- A set of utilities and libraries – FFmpeg
- Component for controlling the execution of processes – ProcessCreateHook

Tasks:

- Providing access to target resource via the RDP/SSH protocols and client application protocols
- Recording video and photo logs for RDP/SSH protocols and client application protocols
- Recording text logs for SSH sessions
- Monitoring and intercepting files transferred to the resource
- Saving all session logs to file storage
- Checking the status of Indeed Identity PAM client components
- Controls access to critical files and processes

Indeed Identity PAM SSH Proxy

The component is responsible for providing access to *nix target resources via SSH and logging user sessions.

Consists of:

- Windows service – Pam.SshProxy.Service

The component tasks are:

- Providing access to the target *nix resource
- Recording text logs

IndeedID ESSO Agent, IndeedID Admin Pack

A set of components that intercepts application authentication forms and fills them in with username and password.

Consists of:

- A set of applications, services, and tools for interacting with authentication forms and PAM components
- Extensions for Internet Explorer and Google Chrome browsers

Task:

- Interception and autofill of authentication forms for web-based applications and Windows desktop applications

Windows resources

Indeed Identity PAM Agent

The component is intended to track user activity at the target resource during RDP session.

Consists of:

- Windows application – `Pam.Proxy.WindowsAgent.exe`

Tasks:

- Keeping track of the names of running processes
- Keeping track of the names of active windows
- Logging keyboard input
- Sending heartbeat messages to Indeed Identity PAM Gateway to register its activity

Indeed Identity PAM Desktop Console

Application for connecting to target resources via **Indeed Identity Pam**.

Consists of:

- `mRemoteNG.exe`

Tasks:

- Lists the resources from the user's permissions.
- Provides the ability to run privileged sessions from a single application.