All URLs are specified in **lowercase**.

The json format does not allow comments in the file, so you must delete lines beginning with the characters  $^{\prime\prime}/^{\prime\prime}$ 

You need to recycle **Indeed.Idp** application pool after every change to the configuration file. You can do this in IIS Manager snap-in, or with powershell command

Restart-WebAppPool Indeed.Idp

URL example: https://pam.domain.local/pam/idp pam.domain.local - the fully qualified DNS name of the management server

Go to C:\inetpub\wwwroot\pam\idp folder and edit appsettings.json file:

#### ConnectionStrings

• DefaultConnection - database connection string IPAMIdP

Connection String parameters:

- Server the name of Microsoft SQL Server or its named instance
- Database -the name of database (IPAMIdP)User ID is the service account to use with Indeed PAM databases
- Password the password for that service account

```
"ConnectionStrings": {
    "DefaultConnection": "Server=sql.domain.local; Database=IPAMIdP;
Integrated Security=False; User ID=IPAMSQLServiceOps; Password=password"
},
```

If using a Named Instance of Microsoft SQL Server, the value of the **Server** parameter must be specified in the **Server Name\\Named instance** format.

```
"DefaultConnection": "Server=sql\\instance; ..."
```

### Database

In the **Provider** section, select the DBMS connection provider:

- mssql for the MS SQL Server
- **pgsql** for the PostgreSQL Pro

# **IdentitySettings**

- AdminSids SID of the user to get access to administrator console and the Roles
- management. If there are several of them, then the SIDs must be divided by comma
- IdpUrls are Indeed IdP URL addresses
- Lang the user interface language of the component, set it to "en" value
- GatewaySecret Hash for PAM Gateway component authentication
- ConsoleAppClientSecret Hash for Console App utility authentication
- SshProxyClientSecret Hash for SSH Proxy component authentication
- CoreApiSecret Hash for PAM Core component authentication
- IdpApiSecret Secret for Idp component authentication

- 1. Go to Indeed.PAM\Misc\ConsoleApp folder
- 2. Run Command Prompt (CMD)
- 3. Execute Pam.ConsoleApp.exe generate-secret
- 4. Use secret and hash values
- Enable2FaCacheForClients List of client IDs for which the 2nd factor caching will work
   SecondFaCacheLifetimeSeconds 2nd factor caching time in seconds List of available client ids -
  - ° "console-app"
  - "ssh-proxy-app"
  - "pam-management-console"
  - "pam-user-console"
  - "pam-gateway"
  - "pam-remote-client"

```
"IdentitySettings":{
        "AdminSids": [
                "S-1-5-21-1487179672-2651565253-5257550508-0000",
                "S-1-5-21-1487179672-2651565253-5257550508-0001"
        1,
        "IdpUrls": [ "https://pam.domain.local/pam/idp" ],
    "Lang": "en",
    "SigningCertificate": "",
    "GatewaySecret": "N2u7dSLd5f8BmLHe5BImaOg7HWb9gCeKdTGCIC0iy9o=",
    "ConsoleAppClientSecret": "",
    "SshProxyClientSecret": "pgJSv8V5+mWMEecN3e6Lvp/pWBlb00diAuaU4nYvtv4=",
    "CoreApiSecret": "m2Ux/xH/uifL5xuILdkChgwyyZDDY8DacwHMUgURs7k=",
    "IdpApiSecret":
"yGJHfNmHT0EX5GidmZ0GxChcqWLPx8HxXAyefo8eUWb6azPnBZIhQ5J1twyA3S+fomKeJpYbxH
gQqyRilGadWg==",
    "RemoteInstallerClientSecret": "",
    "Enable2FaCacheForClients": [ "pam-management-console" ],
    "SecondFaCacheLifetimeSeconds": 60
  },
```

### Encryption

- Algorithm data encryption algorithm in the IDP database
- Key data encryption key in the IDP database

```
"Encryption": {
    "Algorithm": "AES",
    "Key":
"3227cff10b834ee60ad285588c6510ea1b4ded5b24704cf644a51d2a9db3b7e5"
},
```

The encryption key is generated by the **IndeedPAM.KeyGen.exe** utility, which is included in the Indeed PAM distribution kit and is located in the **/Misc** directory.

## PamSettings

- ManagementConsoleUrls URL of PAM Management Console
- UserConsoleUrls URL of PAM User Console
- CoreUrls URL of PAM Core
- SessionLifetime maximum duration of a user session in seconds

```
"PamSettings": {
    "ManagementConsoleUrls": [ "https://pam.domain.local/pam/mc" ],
    "UserConsoleUrls": [ "https://pam.domain.local/pam/uc" ],
    "CoreUrls": [ "https://pam.domain.local/pam/core" ],
    "SessionLifetime": 43200
},
```

### UserCatalog

This section is required to search and add users to the Roles. It is filled in the same way as the similar section in the Pam Core settings.