

List of third-party apps used by ADSelfService Plus

www.adselfserviceplus.com



Document overview

ADSelfService Plus is an identity security solution to ensure secure and seamless access to enterprise resources and establish a Zero Trust environment. With capabilities such as adaptive multi-factor authentication, single sign-on, self-service password management, a password policy enhancer, remote work enablement and workforce self-service, ADSelfService Plus provides your employees with secure, simple access to the resources they need. ADSelfService Plus helps keep identity-based threats out, fast-tracks application onboarding, improves password security, reduces help desk tickets and empowers remote workforces.

Database		
Database type	Version	Purpose
PostgreSQL database	10.15	Stores product configuration details, reports, AD domain and object details, and other product-related details

Programming software		
Programming technology type	Version	Purpose
Java Runtime Environment (JRE)	JRE 1.8.0_162 -b12	ADSelfService Plus is built using Java programming language. JRE is necessary to run the solution in the installed machines.

Web server		
Web server type	Version	Purpose
Apache Tomcat Server	8.5.57	Enables access to the product through a web browser

Applications		
Application type	Version	Purpose
wrapper.exe	3.5.35	Runs ADSelfService Plus as a service
RemoteExec.exe	1.26.0.0	Executes remote commands
remcom.exe	1.0.0.1	Remotely installs the ADSelfService Plus Windows login agent in end-user machines from the ADSelfService Plus admin portal

Java libraries		
AR file	Version	Purpose
activation.jar	1.0.2	Mailing file
antisamy1.5.3.jar	1.6.4	Cleanses HTML code coming from untrusted sources
apns-0.2.2-jar-with-dependencies.jar	0.2.2	Pushes the iOS mobile app onto end-users' mobile devices through the Mobile App Deployment feature
async-http-client-1.8.9.jar	1.8.9	Synchronizes domain password with Zendesk & ServiceNow
batik-all-1.16.jar	1.16	Used for display, generation or manipulation of SVG images.
bcpkix-jdk15on-1.53.jar	1.53.0	Used for encryption or decryption and certificate generation
bcprov-jdk15on-1.53.jar	1.53.0	Used for encryption or decryption and certificate generation
commons-beanutils-1.9.4.jar	1.9.4	Belongs to the Apache Struts bean framework
commons-chain-1.2.jar	1.2	Organize the execution of complex processing flows in Java
commons-codec-1.7.jar	1.7	Encoding or decoding
commons-collections-3.2.2	3.2.2	Utility package for Java
commons-collections-4.4.1	4.4.1	Utility package for Java
commons-compress-1.20	1.20	Compress files
commons-csv-1.3.jar	1.3	Read and write CSV files
commons-digester.jar	1.8	Manipulate XML documents
commons-fileupload-1.4.jar	1.4	Upload files
commons-httpclient-3.0-rc1.jar	3.0-rc1	Establish HTTP connection
commons-imaging-1.0-alpha1.jar	1.0-alpha1	Read and write a variety of image formats
commons-io-2.2.jar	2.2	Handle files
commons-io-2.8.0.jar	2.8.0	Handle files
commons-javaflow-20060411.jar	1.0	Used for JasperReports to execute the Export option
commons-lang3-3.1.jar	3.1	Manipulate strings and numbers
commons-logging-api.jar	1.1	Logging dependency
commons-logging.jar	1.1	Dependency for cewolf.jar
commons-pool-2.4.2.jar	2.4.2	Use for object pooling
commons-text-1.10.jar	1.10	Manipulate strings
commons-validator-1.4.1.jar	1.4.1	Validate data
commons-validator-1.7.jar	1.7	Validate data
cssparser-0.9.27.jar	0.9.27	Apply CSS filter
dd-plist.jar	1.20.0	Manipulate XML documents

dnsjava-2.0.6.jar	2.0.6	Perform IP address-based checks
duoweb.jar	2.0	Enable MFA using Duo Security
esapi-2.1.0.1.jar	2.1.0.1	Encode outputs
fast-uuid-0.1.jar	0.1	Parse and write UUIDs
Filters.jar	2.0.235	Process CAPTCHA image
gcm-server.jar	1.0.2	Send push notifications
google-api-client-1.20.0.jar	1.20.0	Sync domain password with Google Workspace account
google-api-client-jackson2-1.20.0.jar	1.20.0	Sync domain password with Google Workspace account
google-api-services-admin-directory_v1-rev53-1.20.0.jar	1.20.0	Sync domain password with Google Workspace account
google-http-client-1.20.0.jar	1.20.0	Sync domain password with Google Workspace account
google-http-client-jackson2-1.20.0.jar	1.20.0	Sync domain password with Google Workspace account
google-oauth-client-1.20.0.jar	1.20.0	Sync domain password with Google Workspace account
gson-2.6.2.jar	2.6.2	Manipulate JSON files
guava-11.0.2.jar	11.0.2	Required by the google-server.jar file
htmllexer.jar	2.0	Handle HTML files
htmlparser.jar	2.0	Handle HTML files with advanced filter options
httpclient-4.5.2.jar	4.5.2	Required for the HTTP protocol
httpclient-4.5.13	4.5.13	Required for the HTTP protocol
httpcore-4.4.9.jar	4.4.9	Required for the HTTP protocol
httpcore-4.4.14	4.4.14	Required for the HTTP protocol
itext-2.1.7.jar	2.1.7	Export reports in PDF and XLS formats
iTextAsian.jar	1.0	Export reports in PDF and XLS formats
jackson-core-2.1.3.jar	2.1.3	Manipulate JSON files
jasperreports-javaflow-4.0.1.jar	4.0.1	Export dynamic reports
javassist-3.12.1.GA.jar	3.12.0.GA	Manipulate Java bytecode
jbcrypt-0.4.jar	0.4	bcrypt mechanism
jboss-j2ee.jar	3.2.6	Connect to database
jcaptcha-2.0-alpha-1-jdk5.jar	2.0-alpha-1-jdk5	Get CAPTCHA image
jcifs-1.3.17.jar	1.3.17	NTLM authentication
jcommon.jar	1.0	Generate the dashboard image —jfree dependency
jdom-1.0.jar	1.0	Build SAML responses or requests
jespa-1.2.2.jar	1.2.2	NTLM authentication
jfreechart.jar	1.0	Generate the dashboard image

jgroups-3.6.16.Final.jar	3.6.16.Final	Manipulate XML document
jjwt-0.9.0.jar	0.9.0	Create and verify JSON web tokens
joda-time-2.2.jar	2.2	Manipulate time settings used for SAML authentication and schedulers
jsch-0.1.53.jar	0.1.53	Execute Linux commands
json-smart-1.1.1.jar	1.1.1	Manipulate JSON file
json.jar	1.1.0	Handle data of JSON format
json_simple-1.1.jar	1.1	Required for google-server.jar
jstl-1.2.jar	1.2	Used by the Apache Struts framework
jt400.jar	7.1.0.8	Sync domain passwords with IBM accounts
jtids-1.3.1.jar	1.3.1	Dependency for jt400.jar
jtidy-r938.jar	r938	JTidy HTML filter
kryo-4.0.1.jar	4.0.1	Object serialization library
libGoogleAnalyticsServices.jar	1.4.4	Use for ADSelfService Plus mobile app crash analytics
Mail.jar	1.4.4	Send emails
maverick-legacy-client-all.jar	1.6.12	Push the ADSelfService Plus macOS login agent onto macOS machines
MimeUtil.jar	2.1.3	Get the MIME type of uploaded files
minlog-1.3.0.jar	1.3.0	Logging dependency
msgpack-0.6.7.jar	0.6.70	Serialize or deserialize of Java objects
mysql_connector.jar	5.1.21	Establish MySQL database connections
nekohtml.jar	1.9.21	NekoHTML filter
netty-all-4.1.51.Final.jar	4.1.51.Final	TCP or UDP protocol dependency
nimbus-jose-jwt-5.7.jar	5.7	JSON Web Tokens library
not-yet-commons-ssl-0.3.9.jar	0.3.9	SSL Dependency
objenesis-2.1.jar	2.1	Class Object creation Library
ojdatabasec6.jar	12.1.0.1.0	Sync domain passwords with Oracle account
ojdbc6.jar	12.1.0.1.0	JDBC Connection Library
openpdf-1.2.3.java7.jar	1.2.3.java7	Create and edit PDF files
opensaml-2.6.1.jar	2.6.1	Implement SAML protocol
openws-1.5.1.jar	1.5.1	Implement SAML protocol
org.eclipse.wst.xml.xpath2.processor_1.2.0.jar	1.2.0	Manipulate XML document
pdf-transcoder.jar	1.0beta2	Export SVG image as a PDF file

poi-3.14-final-20160307.jar	3.14	Manipulate various file formats
postgresql-42.2.18.jar	42.2.18	Sync domain password with the PostgreSQL database account
pushy-0.14.1.jar	0.14.1	Send APNs (iOS, macOS, and Safari) push notifications.
radclient3.jar	3.0	Implement the RADIUS client for MFA
reflectasm-1.10.1-shaded.jar	1.10.1	Class Object creation Library
service-proxy-core-4.5.1.jar	4.5.1	Reverse HTTP proxy dependency
simplecaptcha-1.2.1.jar	1.2.1	Enable advanced CAPTCHA with audio
slf4j-api-1.7.30.jar	1.7.30	Logging dependency
slf4j-api-1.7.5.jar	1.7.5	Logging dependency
slf4j-simple-1.7.2.jar	1.7.2	Logging dependency
slf4j-simple-1.7.29.jar	1.7.29	Logging dependency
smslib-3.5.2.jar	3.5.2	Send SMS notifications
snakeyaml-1.29.jar	1.29.0	Parse YAML files
spotbugs-annotations-3.1.12.jar	3.1.12	Static analysis tool to bugs
spring-beans-5.3.18.jar	5.3.18	Loadbalancer dependency library
spring-core-5.3.18.jar	5.3.18	Loadbalancer dependency library
sqljdbc4.jar	4.0	Database connection
standard.jar	1.1.0	Used by the Apache Struts framework
struts-core-1.3.11.jar	1.3.11	Used by the Apache Struts framework
struts-el-1.3.11.jar	1.3.11	Used by the Apache Struts framework
struts-extras-1.3.11.jar	1.3.11	Used by the Apache Struts framework
struts-taglib-1.3.11.jar	1.3.11	Used by the Apache Struts framework
struts-tiles-1.3.11.jar	1.3.11	Used by the Apache Struts framework
tika-core.jar	2.1	Get the MIME type of uploaded files
trayicon.jar	1.0	Required to implement the Java Wrapper tray icon
ua-parser.jar	0_3_2	Parse user agent
unboundid-ldapsdk.jar	4.0.14	Communicate with LDAP directory servers
velocity-1.7-dep.jar	1.7	Used by the Apache Struts framework
velocity-1.7.jar	1.7	Used by the Apache Struts framework
wrapper.jar	3.5.35	Required to implement Java Wrapper
xercesImpl.jar	2.12.1-xml-schema-1.1	Parse XML
xml-apis-ext.jar	1.3	Filter CSS content
xml-apis.jar	1.4.01	Used in RT while getting DocumentBuilder object

xmlbeans-2.6.0.jar	2.6.0	Manipulate XML documents
xmlbeautifier-1.2.2.jar	1.2.2	Manipulate XML documents
xmlsec-1.4.1.jar	1.4.1	Manipulate XML documents
xz-1.9.jar	1.9	Data compression utility for Java
xmltooling-1.3.1.jar	1.3.1	Manipulate XML documents
yubico-validation-client2-3.0.5.jar	3.0.5	Enable YubiKey authenticator for MFA
zip4j_1.3.2.jar	1.3.2	Implement ZIP file format
zxing.jar	1.4	Generate QR codes for MFA

JavaScript		
JavaScript file	Version	Purpose
Ember	2.18	JavaScript web framework
Bootstrap	3.4.1	CSS framework
Bootstrap-colorpicker	2.5.2	Provides color selection UI
Bootstrap-select	1.11.0	Frame for drop-down lists
Bootstrap-toogle	2.2.0	CSS framework for checkboxes
cooltree	1.4.0	Provides tree structure for files and path.
Data	4.2.4	Highcharts dependency
Daterangepicker	2.1.17	Datepicker dependency
Duo-Web-v2-min.js	2.0	Duo login prompt library
Highcharts	4.2.4	Interactive JavaScript charts for webpages
htmlarea	1.1.24.4	Utility for developing HTML
icheck	1.0.2	Customize checkboxes and radio buttons
jquery.bxslider	4.2.5	Responsive jQuery content slider
jquery.Jcrop	0.9.12	Image cropping plugin
Jquery	3.5.1	JavaScript library
jquery.mCustomScrollbar	3.1.5	Used for custom scroll bar
jquery.mousewheel	3.1.13	jQuery plugin that adds cross-browser mouse wheel support
jquery.navgoco	0.2.1	jQuery plugin which turns a nested unordered list of links into a vertical multi-level sliding navigation
jquery-ui	1.13.2	Used for UI interactions, effects, widgets, and themes built on top of the jQuery JavaScript library

jquery.ui.selectable.js	1.10.2	Used to make the UI elements selectable with a mouse
jsTree	3.0.9	jQuery plugin that provides interactive tree structure
less.min.js	2.2.0	Used to convert LESS files to CSS files at the client end
Moment	2.10.3	Parse, validate, manipulate, and display dates and time
tool-tip	1.0	Incorporates tool tips in the webpage UI
typeahead.bundle	0.10.5	Enables typeheads
typeahead.jquery	0.11.1	Enables typeheads
Calendar	1.2.2.1	Incorporates calendars
calendar-setup	1.2.2.1	Allows users to select date and time in the calendar
FileSaver	1.0	Saves files at the client end
colour	1.1.4.3	Required by colourpicker.js to incorporation color selection
colourpicker	1.1.8.3.2.1	Includes provisions to select color

ManageEngine
ADSelfService Plus

ADSelfService Plus is an identity security solution to ensure secure and seamless access to enterprise resources and establish a Zero Trust environment. With capabilities such as adaptive multi-factor authentication, single sign-on, self-service password management, a password policy enhancer, remote work enablement and workforce self-service, ADSelfService Plus provides your employees with secure, simple access to the resources they need. ADSelfService Plus helps keep identity-based threats out, fast-tracks application onboarding, improves password security, reduces help desk tickets and empowers remote workforces.

For more information about ADSelfService Plus, visit

<https://www.manageengine.com/products/self-service-password>.

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