

Supported connectors

connector

ConnId connectors

System **CzechIdM** supports all ConnId connectors. This page contains connectors that are really tested in CzechIdM. The description always includes the version and basic features of the connector. If more information (restrictions, instructions) are available, they are also given here (at least in the form of links).

Name	Framework	Bundle name	Version	Connector name	Embedded in CzechIdM	Sync	Provisioning	Pooling	Notes
Active Directory	ConnId	net.tirasa.connid.bundles.ad	1.3.3	net.tirasa.connid.bundles.ad.AdConnector	No	Yes	Yes	Yes	wiki
CMD	ConnId	net.tirasa.connid.bundles.cmd	0.2	net.tirasa.connid.bundles.csvdir.Cmd Connector	No	Yes	Yes		wiki
CSV Directory	ConnId	net.tirasa.connid.bundles.csvdir	0.8.5	net.tirasa.connid.bundles.csvdir.CSVDirConnector	Yes	Yes	Yes		wiki
Database Table Connector	ConnId	net.tirasa.connid.bundles.db.table	2.2.4	net.tirasa.connid.bundles.db.table.DatabaseTableConnector	Yes	Yes	Yes		wiki
Flat File	ConnId	org.connid.bundles.flatfile	1.2	net.tirasa.connid.bundles.csvdir.FlatFileConnector	No	Yes	Yes		wiki
FreeIPA	ConnId	eu.bcvolutions.freelipa.connector	1.0	eu.bcvolutions.freelipa.connector.FreeipaConnector	No	Yes	Yes		TBA
Google Apps	ConnId	org.connid.bundles.googleapps	1.4.0	net.tirasa.connid.bundles.googleapps.GoogleAppsConnector	No	Yes	Yes		wiki
OpenAM	ConnId	org.connid.bundles.openam	0.4.1	net.tirasa.connid.bundles.openam.OpenAMConnector	No	Yes	Yes		wiki
REST	ConnId	net.tirasa.connid.bundles.rest	1.0.1	net.tirasa.connid.bundles.rest.RESTConnector	No	Yes	Yes		wiki
SOAP	ConnId	net.tirasa.connid.bundles.soap	1.4.1	net.tirasa.connid.bundles.soap.SOAPConnector	No	Yes	Yes		wiki
Scripted SQL Connector	ConnId	net.tirasa.connid.bundles.db.scriptedsql	2.2.4	net.tirasa.connid.bundles.db.scriptedsql.ScriptedSQLConnector	Yes	Yes	Yes	Yes	Using, wiki
LDAP Connector	ConnId	net.tirasa.connid.bundles.ldap	1.5.1	net.tirasa.connid.bundles.ldap.LdapConnector	Yes	Yes	Yes	Yes	wiki
Powershell Connector*	ConnId	eu.bcvolutions.connector.powershell	1.2.7	eu.bcvolutions.connector.powershell.PowershellConnector	No	Yes	Yes		powershell-connector
JIP/KAAS Connector	ConnId	eu.bcvolutions.idm.connector.jip	1.0.1	eu.bcvolutions.idm.connector.jip.jip-kaas-connector	No	Yes	Yes		github, wiki
IceWarp Connector	ConnId	eu.bcvolutions.idm.connector	1.0.1	eu.bcvolutions.idm.connector.IceWarpConnector	No	Yes	Yes		github, wiki

* Powershell connector can be used to connect various types of MS Windows based systems such as MS Exchange.

OpenICF connectors

Name	Framework	Connector name	Sync	Provisioning	Pooling
Alfresco	OpenICF	AlfrescoConnector	Yes	Yes	
Beplan	OpenICF	BeplanConnector	Yes	Yes	
CommuniGate	OpenICF	CGateConnector	Yes	Yes	
Conclusion	OpenICF	ConclusionConnector	Yes	Yes	
eSpis	OpenICF	ESPISConnector	Yes	Yes	
MS Exchange	OpenICF	ExchangeConnector	Yes	Yes	
Ginis	OpenICF	GinisConnector	Yes	Yes	
ISEA	OpenICF	ISEAConnector	Yes	Yes	
Helios	OpenICF	HeliosConnector	Yes	Yes	
Kerio	OpenICF	KerioConnector	Yes	Yes	
Matrix	OpenICF	MatrixConnector	Yes	Yes	
Siebel	OpenICF	SiebelConnector	Yes	Yes	
Plone	OpenICF	PloneConnector	Yes	Yes	
Windows	OpenICF	PowerShellConnector	Yes	Yes	

Name	Framework	Connector name	Sync	Provisioning	Pooling
SAP	OpenICF	SapConnector	Yes	Yes	
SAP CUA	OpenICF	SAPCUAConnector	Yes	Yes	
Linux	OpenICF	SSHConnector	Yes	Yes	
Vera	OpenICF	VeraConnector	Yes	Yes	

BCV supported connectors

Public Administration and Local Government - Agendas and Services:

1. Gordic Ginis
2. ICZ eSpis
3. ICTBrains Matrix
4. BBM iFIS – finanční řízení
5. Vera

ERP:

1. SAP CUA
2. Siebel

Domain controllers a Directory services:

1. Microsoft Active Directory
2. Kerberos
3. LDAP/OpenLDAP
4. Free IPA JSON API
5. Novell eDirectory

Mail services:

1. MS Exchange
2. Office 365
3. Linux postfix
4. CommuniGate
5. Zimbra
6. Obecné konektory

Database and scripting connectors:

1. **JDBC scripted connector:** this is a highly customizable tool for connecting JDBC-supported databases to CzechIdM. **This connector is preferred in case you need to handle multiple tables with one system connection.**

[jdbc, connector](#)

1. SSH scripted connector (linux servers)
2. SCIM connectors

Databases:

1. Microsoft SQL Server
2. MySQL
3. Oracle
4. PostgreSQL
5. Progres

Operating systems:

1. HP-UX
2. Linux distributions without restrictions – Red Hat, Debian, SuSE,...
3. Microsoft Windows all versions
4. Solaris
5. S/400

HR systems:

1. VEMA
2. OKbase
3. HRIS
4. Mysys HRMS
5. Target
6. Navision
7. SAP
8. Helios Green

Service Desk

1. HPSM REST
2. Siebel WS
3. Conclusion
4. Request Tracker
5. Jira

Health-care:

1. StaproMEDEA NIS
2. StaproPANAKEA
3. OpenLIMS
4. LEKIS
5. AMIS – H

Others:

1. Drupal 7
2. Liferay
3. eDirectory connector
4. Gitlab rest
5. Google Apps
6. OpenAM



In case of the **CSV** connector, there is a problem during the scheme generation. The attributes of the generated scheme are written in **lower case**, the object returned by



the connector, however, has its attributes names in **upper case**. The solution is to change the names of the attributes manually from lower to upper case in the generated scheme. See more in the CSV section.

Identity Connector (IC) module

connector

Since it isn't desirable to be dependent only on one specific product implementing connectors (Sun ICF, OpenICF, ConnId), a separate implementation, which enables implementing of the frameworks, was created. In addition to that, it also enables creation of proprietary implementations of connectors. The advantage of these connectors is their dependence on our interface only, which we are able to alter and expand later (a proprietary implementation can be, for example, a "virtual system").

The independent **IC** module (Identity Connector) was created to communicate with the surrounding systems (provisioning / reconciliation/ synchronization). The purpose of this module is to provide an **interface** for communication with systems.

Adding more connectors

Go to "Adding more connectors" (devel section) to find out more about adding other connectors.

Employing other connectors via a remote server

Currently, the CzechIdM system supports only certain types of connectors. If you want to use other connectors, such as **Active Directory** or **Google Apps**, you need to use a remote connector server allowing this option.

Read more on this topic in "Remote connector server."

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