

caDSR II Technology

Contents of this Page

- [Help](#)
- [Technology Versions for Sprint 1.47.3.0](#)
- [AWS AMI Types](#)
- [Host Information](#)
- [Application URL Domains](#)
- [Database Servers](#)

Standards

- [ISO 11179](#)

Technologies

- [Apache Struts](#)
- [JBoss](#)
- [MyEclipse](#)
- Hosted in NCI Cloud 1 - AWS
- Operating Systems:
 - CentOS 7 for OneData Server, OneData Integration Server, OneData WebMethods Server
 - Windows for OneData WebMethods Designer (*Only used in Dev tier)
 - RHEL 7 for Oracle Database
- Application - commercial off-the-shelf from SoftwareAG. Bundles the following components:
 - Tomcat 8.5.x
 - Zulu OpenJDK 8.x
 - Database – Oracle 19c
 - Webserver – Apache 2.4.x

Help

To ask questions, get assistance, or report bugs, contact Application Support.

- Email: NCIAppSupport@nih.gov
- Call: 240-276-5541

Technology Versions for Sprint 1.47.3.0

The following table summarizes versions of Software AG technology and infrastructure/server components on all tiers of caDSR II OneData:

Product	Development	QA	Stage	Production
OD JDK	11.0.16	11.0.16	11.0.16	11.0.16
IS JDK	11.0.16	11.0.16	11.0.16	11.0.16
MWS JDK	11.0.16	11.0.16	11.0.16	11.0.16
OD Version	10.11.0.10	10.11.0.10	10.11.0.10	10.11.0.10
IS Version	10.11.0.0	10.11.0.0	10.11.0.0	10.11.0.0
MWS Version	10.11.0.0.579	10.11.0.0.579	10.11.0.0.579	10.11.0.0.579

AWS AMI Types

Product	Development	QA	Stage	Production
ODE	m5n.xlarge	m5n.xlarge	m5n.xlarge	m5n.xlarge
IS	r5n.large	r5n.large	r5n.large	r5n.large

MWS	r5n.large	m5n.xlarge	t3.large	t3.large
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Host Information

Product	Development Host	QA Host	Stage Host	Production Host	Application Port	AWS Target Port
ODE	ncias-d2288-c	ncias-q2316-c	ncias-s2446-c	ncias-p2671-c	9090	9091
IS	ncias-d2289-c	ncias-q2317-c	ncias-s2447-c	ncias-p2672-c	5555	5443
MWS	ncias-d2290-c	ncias-q2318-c	ncias-s2448-c	ncias-p2673-c	8585	8443

Application URL Domains

Product	Development	QA	Stage	Production
ODE	cadsr-dev.cancer.gov	cadsr-qa.cancer.gov	cadsr-stage.cancer.gov	cadsr.cancer.gov
IS	cadsrapi-dev.cancer.gov	cadsrapi-qa.cancer.gov	cadsrapi-stage.cancer.gov	cadsrapi.cancer.gov
MWS	cadsmws-dev.cancer.gov	cadsmws-qa.cancer.gov	cadsmws-stage.cancer.gov	cadsmws.cancer.gov

Database Servers

Tier	Development Host	Development Service	Port	AMI Type
Development	ncidb-d324-c.nci.nih.gov	ONEDDEV.nci.nih.gov	1555	m5n.xlarge
QA	ncidb-q333-c.nci.nih.gov	ONEDQA.nci.nih.gov	1555	m5n.xlarge
Stage	ncidb-s349-c.nci.nih.gov	ONEDSTG.nci.nih.gov	1555	m5n.xlarge
Production	ncidb-p371-c.nci.nih.gov	ONEDPRD.nci.nih.gov	1555	m5n.xlarge