

CDP Developer Workstation for CDP 3001 Certification

1. CDP Data Developer Certification –for Participant’s Environment:

Peripherals/ Infrastructure	Peripherals/ Infrastructure	Specifications	URLs
Operating System	Windows 10	Professional, 64-Bits	-
RAM	8-12 GB		-
Storage/HDD	80 GB	-	-
CPU	X86-64 Architecture		-
Network Bandwidth/Internet	Internet/LAN	20-35 MBPS	-
Development SDK	Java	1.8	https://www.oracle.com/in/java/technologies/javase/javase8-archive-downloads.html
	Scala	3.2.1 with JDK 1.8	https://raw.githubusercontent.com/coursier/launchers/master/cs-x86_64-pc-win32.zip https://downloads.lightbend.com/scala/2.13.1/scala-2.13.1.msi https://www.scala-lang.org/download/2.13.1.html
	Python	3.6 & 3.10	https://www.python.org/downloads/release/python-3100/

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Development IDE	PyCharmEdu (for Python)	2022.2.2	https://www.jetbrains.com/edu-products/download/#section=pycharm-edu
	IntelliJEdu(Scala and Java)	2022.2.2	https://www.jetbrains.com/edu-products/download/#section=idea-Scala
	Jupyter Notebook	6.5.2	https://jupyter.org/install
	Anaconda	2022.10	https://www.anaconda.com/
Remote Terminal	Smart Putty	3.0	https://sysprogs.com/SmarTTY/
	SSH Secure Shell Client	3.2.9	https://ec.ccm2.net/ccm.net/download/files/SSHSecureShellClient-3.2.9.exe
Utility	Notepad++	8.4.4	https://notepad-plus-plus.org/
	WinUtils		https://github.com/steveloughran/winutils
	7Zip	22.01	https://www.7-zip.org/
DevSecOps and MLOps Tools	Jenkins	3.65	https://www.jenkins.io/download/
	Jenkins X/GitOps		https://jenkins-x.io/
	Git	2.37	https://git-scm.com/downloads
	Splunk Enterprise	9.0.1	https://www.splunk.com/en_us/download/splunk-enterprise.html
BigData SDK	Spark	3.2.1	https://spark.apache.org/downloads.html
External Analytics	Tableau	-	https://www.tableau.com/

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Studios			
	R-Studio	4.2.2	https://posit.co/

2. CDP Data Developer Post -Installation Configurations:

1. Jupyter Notebook - for Python and Scala
2. PyCham IDE - for PySpark
3. IntelliJ IDE - for Java and Scala(using Maven and default one)
4. git clone with Github
5. Remote Access to CDP Environment : Web and SSH
6. Java, Python and Spark Homes

Notes:

1. **Recommendation:** Download these Free/OSS SDKs, IDEs and Tools in folder and share Folder URL to crosscheck before installing into participants' workstations. Each Installation takes 3/4 hours.
2. If any issue or trouble in installation, send details with screenshot and system configuration
3. Once Installation is completed, Application Specific Configuration is needed before cross-check session