Supported Operating Systems Report

Operating systems that HCL Workload Automation 10.2 supports, organized by operating system family.

HCL Workload Automation 10.2 supports the following operating systems:

- AIX
- IBM i
- Linux
- Amazon Linux 2
- Windows
- MAC OS
- Docker Containers
- OpenShift Container

> **Note:**
>
> HCL Workload Automation Agent is also known as z-centric agent.

> **Note:**
>
> For the supported operating systems, all virtualizations are supported.

AIX

The following components are supported on AIX operating systems:

- dynamic agent
- fault-tolerant agent
- HCL Workload Automation Agent
- Orchestration CLI (OCLI)

Table 1. Supported components for AIX operating systems

Hardware	Operating system	Components
POWER System	• AIX 7.1 TL5 • AIX 7.2 TL5 • AIX 7.3	• dynamic agent • fault-tolerant agent • HCL Workload Automation Agent • Orchestration CLI (OCLI)

> **Note:**
>
> - On AIX version 7.2 TL5, ensure you have installed APAR IJ30808.
> - AIX 7.3 is supported starting from Version 10.1 Fix Pack 1.

IBM i

The following components are supported on IBM i operating systems:

- dynamic agent
- HCL Workload Automation Agent

Table 2. Supported components for IBM i operating systems

Hardware	Operating system	Components
POWER System	• IBM i 7.3 • IBM i 7.4	• dynamic agent • HCL Workload Automation Agent

Linux

The following components are partly supported on Linux operating systems:

- Master domain manager
- Dynamic Workload Console
- dynamic agent
- fault-tolerant agent
- HCL Workload Automation Agent
- Orchestration CLI (OCLI)
- File Proxy

Table 3. Supported components for Linux operating systems

Hardware	Operating system	Components
IBM z Systems	Red Hat Enterprise Linux (RHEL) 8 and 9	• dynamic agent • fault-tolerant agent

Table 3. Supported components for Linux operating systems (continued)

Hardware	Operating system	Components
		• HCL Workload Automation Agent • Orchestration CLI (OCLI)
	SUSE Linux Enterprise Server (SLES) 12, SP 5	• dynamic agent • fault-tolerant agent • HCL Workload Automation Agent • Orchestration CLI (OCLI)
POWER System - Little Endian	• Red Hat Enterprise Linux (RHEL) 8 and 9	• dynamic agent • fault-tolerant agent • HCL Workload Automation Agent • Orchestration CLI (OCLI)
x86-64	• CentOS 7.9	• dynamic agent • fault-tolerant agent • HCL Workload Automation Agent • Orchestration CLI (OCLI)
	• Oracle Enterprise Linux 7 • Oracle Enterprise Linux 8	• dynamic agent • fault-tolerant agent • HCL Workload Automation Agent • Orchestration CLI (OCLI)

Table 3. Supported components for Linux operating systems (continued)

Hardware	Operating system	Components
	• Red Hat Enterprise Linux (RHEL) Server 7.9 • Red Hat Enterprise Linux (RHEL) 8 and 9	• Master domain manager • Dynamic Workload Console • dynamic agent • fault-tolerant agent • HCL Workload Automation Agent • Orchestration CLI (OCLI) • File Proxy
	SUSE Linux Enterprise Server (SLES) 12, SP 5	• dynamic agent • fault-tolerant agent • HCL Workload Automation Agent • Orchestration CLI (OCLI)
	SUSE Linux Enterprise Server (SLES) 15	• Master domain manager • Dynamic Workload Console • dynamic agent • fault-tolerant agent • HCL Workload Automation Agent • Orchestration CLI (OCLI) • File Proxy
	• Ubuntu 18.04 LTS • Ubuntu 20.04	• Master domain manager • Dynamic Workload Console • dynamic agent • fault-tolerant agent

Table 3. Supported components for Linux operating systems (continued)

Hardware	Operating system	Components
		• HCL Workload Automation Agent • Orchestration CLI (OCLI) • File Proxy

Amazon Linux 2

The following components are supported on Amazon Linux 2 operating systems:

- dynamic agent
- HCL Workload Automation Agent
- fault-tolerant agent

Table 4. Supported components for Amazon Linux 2 operating systems

Hardware	Operating system	Components
x86-64	Amazon Linux 2	• dynamic agent • HCL Workload Automation Agent • fault-tolerant agent

Windows

The following components are supported on Windows operating systems:

- Master domain manager
- Dynamic Workload Console
- dynamic agent
- fault-tolerant agent
- HCL Workload Automation Agent
- Orchestration CLI (OCLI)
- File Proxy

Table 5. Supported components for Windows operating systems

Hardware	Operating system	Components
x86-64	• Windows 10 Enterprise	• dynamic agent • fault-tolerant agent • HCL Workload Automation Agent • Orchestration CLI (OCLI)
	• Windows Server 2016 Datacenter Edition • Windows Server 2016 Essentials Edition • Windows Server 2016 Standard Edition	• Master domain manager • Dynamic Workload Console • dynamic agent • fault-tolerant agent • HCL Workload Automation Agent • Orchestration CLI (OCLI) • File Proxy
	• Windows Server 2019 Datacenter Edition • Windows Server 2019 Essentials Edition • Windows Server 2019 Standard Edition	• Master domain manager • Dynamic Workload Console • dynamic agent • fault-tolerant agent • HCL Workload Automation Agent • Orchestration CLI (OCLI) • File Proxy
	• Windows 2022	• Master domain manager • Dynamic Workload Console • dynamic agent • fault-tolerant agent

Table 5. Supported components for Windows operating systems (continued)

Hardware	Operating system	Components
		• HCL Workload Automation Agent • Orchestration CLI (OCLI) • File Proxy

MAC OS

The OCLI component is supported on MAC OS operating systems:

Table 6. Supported components for MAC OS operating systems

Hardware	Operating system	Components
x86-64	MAC OS	OCLI
ARM 64	MAC OS	OCLI

Docker Containers

HCL Workload Automation provides Docker containers for all components. The containers for master domain manager and Dynamic Workload Console include the version of IBM WebSphere Application Server Liberty Base which was validated during the testing phase (20.0.0.12).

See Table 7: Container details for details about the container runtime for the specified components.

See Table 8: HCL Workload Automation for Z 10.2 Docker Agent Container Details for details about the container runtime for the HCL Workload Automation for Z agent.

Table 7. Container details

Container Runtime	Version	Runtime Minimum	Notes
Docker	20.10.12 and future fix packs	20.10.12	(1)
Docker Compose	1.28 and future fix packs	1.28	(1)
Kubernetes	1.23 and future fix packs	1.23	
Notes:			

Table 7. Container details (continued)

Container Runtime	Version	Runtime Minimum	Notes
• (1) Certified on Linux x86			

Table 8. HCL Workload Automation for Z 10.2 Docker Agent Container Details

Container Runtime	Version	Runtime Minimum
Docker (Certified on Linux x86)	19.03 and future fix packs	19.03
Docker Compose (Certified on Linux x86)	1.25 and future fix packs	1.25

OpenShift Container

See Table 9: OpenShift Container Details for details about the container runtime for OpenShift:

Table 9. OpenShift Container Details

Container Runtime	Version	Runtime Minimum
OpenShift Container Platform	4.9 and future fix packs	4.9