

# Supported Operating Systems Report

Operating systems that HCL Workload Automation version 9.5.x supports, organized by operating system family.

HCL Workload Automation, version 9.5.x supports the following operating systems:

- [AIX](#)
- [IBM i](#)
- [Linux](#)
- [Windows](#)
- [Docker Containers](#)
- [OpenShift Container](#)

**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

**Table 1. Supported components for AIX operating systems**

Hardware	Operating system	Components
POWER System	<ul style="list-style-type: none"> <li>• AIX 7.1</li> <li>• AIX 7.2</li> </ul>	<ul style="list-style-type: none"> <li>• dynamic agent</li> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>

## 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	<ul style="list-style-type: none"> <li>• IBM i 7.2</li> <li>• IBM i 7.3</li> <li>• IBM i 7.4</li> </ul>	<ul style="list-style-type: none"> <li>• dynamic agent</li> <li>• HCL Workload Automation Agent</li> </ul>

## 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

**Table 3. Supported components for Linux operating systems**

Hardware	Operating system	Components
IBM z Systems	<ul style="list-style-type: none"> <li>• Red Hat Enterprise Linux (RHEL) Server 6.5</li> <li>• Red Hat Enterprise Linux (RHEL) Server 7</li> <li>• Red Hat Enterprise Linux (RHEL) 8</li> </ul>	<ul style="list-style-type: none"> <li>• dynamic agent</li> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>
	<ul style="list-style-type: none"> <li>• SUSE Linux Enterprise Server (SLES) 12</li> <li>• SUSE Linux Enterprise Server (SLES) 15</li> </ul>	<ul style="list-style-type: none"> <li>• dynamic agent</li> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>
	<ul style="list-style-type: none"> <li>• Ubuntu 18.04 LTS</li> </ul>	<ul style="list-style-type: none"> <li>• dynamic agent</li> </ul>
POWER System - Little Endian	<ul style="list-style-type: none"> <li>• Red Hat Enterprise Linux (RHEL) 8</li> </ul>	<ul style="list-style-type: none"> <li>• dynamic agent</li> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>
	<ul style="list-style-type: none"> <li>• SUSE Linux Enterprise Server (SLES) 12</li> <li>• SUSE Linux Enterprise Server (SLES) 15</li> </ul>	<ul style="list-style-type: none"> <li>• dynamic agent</li> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>
	<ul style="list-style-type: none"> <li>• Ubuntu 14.04 LTS</li> <li>• Ubuntu 16.04 LTS</li> </ul>	<ul style="list-style-type: none"> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>
	<ul style="list-style-type: none"> <li>• Ubuntu 18.04 LTS</li> </ul>	<ul style="list-style-type: none"> <li>• dynamic agent</li> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>

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

Hardware	Operating system	Components
x86-64	<ul style="list-style-type: none"> <li>• CentOS 7</li> </ul>	<ul style="list-style-type: none"> <li>• dynamic agent</li> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>
	<ul style="list-style-type: none"> <li>• Oracle Enterprise Linux 6.7</li> <li>• Oracle Enterprise Linux 7</li> <li>• Oracle Enterprise Linux 8</li> </ul>	<ul style="list-style-type: none"> <li>• dynamic agent</li> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>
	<ul style="list-style-type: none"> <li>• Red Hat Enterprise Linux (RHEL) Server 6.5</li> <li>• Red Hat Enterprise Linux (RHEL) Server 7</li> <li>• Red Hat Enterprise Linux (RHEL) 8</li> </ul>	<ul style="list-style-type: none"> <li>• Master domain manager</li> <li>• Dynamic Workload Console</li> <li>• dynamic agent</li> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>
	<ul style="list-style-type: none"> <li>• SUSE Linux Enterprise Server (SLES) 12</li> <li>• SUSE Linux Enterprise Server (SLES) 15</li> </ul>	<ul style="list-style-type: none"> <li>• Master domain manager</li> <li>• Dynamic Workload Console</li> <li>• dynamic agent</li> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>
	<ul style="list-style-type: none"> <li>• Ubuntu 14.04 LTS</li> <li>• Ubuntu 16.04 LTS</li> </ul>	<ul style="list-style-type: none"> <li>• dynamic agent</li> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>
	<ul style="list-style-type: none"> <li>• Ubuntu 18.04 LTS</li> </ul>	<ul style="list-style-type: none"> <li>• Master domain manager</li> <li>• Dynamic Workload Console</li> <li>• dynamic agent</li> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>

## 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

**Table 4. Supported components for Windows operating systems**

Hardware	Operating system	Components
x86-64	• Windows 10 Education	• Master domain manager
	• Windows 10 Enterprise	• Master domain manager • Dynamic Workload Console • dynamic agent • fault-tolerant agent • HCL Workload Automation Agent
	• Windows 7 Enterprise • Windows 8 Enterprise • Windows 8.1 Enterprise	• dynamic agent • fault-tolerant agent • HCL Workload Automation Agent
	• Windows 8 Professional • Windows 8.1 Professional	• dynamic agent • fault-tolerant agent • HCL Workload Automation Agent
	• Windows 8 Standard • Windows 8.1 Standard	• dynamic agent • fault-tolerant agent • HCL Workload Automation Agent
	• Windows Server 2008 Datacenter Edition • Windows Server 2008 R2 Datacenter Edition • Windows Server 2008 Enterprise Edition • Windows Server 2008 R2 Enterprise Edition	• dynamic agent • fault-tolerant agent • HCL Workload Automation Agent

**Table 4. Supported components for Windows operating systems (continued)**

Hardware	Operating system	Components
	<ul style="list-style-type: none"> <li>• Windows Server 2008 Standard Edition</li> <li>• Windows Server 2008 R2 Standard Edition</li> </ul>	
	<ul style="list-style-type: none"> <li>• Windows Server 2012 Datacenter Edition</li> <li>• Windows Server 2012 R2 Datacenter Edition</li> <li>• Windows Server 2012 R2 Standard Edition</li> <li>• Windows Server 2012 Standard Edition</li> </ul>	<ul style="list-style-type: none"> <li>• dynamic agent</li> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>
	<ul style="list-style-type: none"> <li>• Windows Server 2012 R2 Essentials Edition</li> </ul>	<ul style="list-style-type: none"> <li>• dynamic agent</li> </ul>
	<ul style="list-style-type: none"> <li>• Windows Server 2016 Datacenter Edition</li> <li>• Windows Server 2016 Essentials Edition</li> <li>• Windows Server 2016 Standard Edition</li> </ul>	<ul style="list-style-type: none"> <li>• Master domain manager</li> <li>• Dynamic Workload Console</li> <li>• dynamic agent</li> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>
	<ul style="list-style-type: none"> <li>• Windows Server 2019 Datacenter Edition</li> <li>• Windows Server 2019 Essentials Edition</li> <li>• Windows Server 2019 Standard Edition</li> </ul>	<ul style="list-style-type: none"> <li>• Master domain manager</li> <li>• Dynamic Workload Console</li> <li>• dynamic agent</li> <li>• fault-tolerant agent</li> <li>• HCL Workload Automation Agent</li> </ul>

## Docker Containers

HCL Workload Automation provides the following Docker container packages:

- [Table 5: HCL Workload Automation Docker Agent](#)
- [Table 6: HCL Workload Automation Docker Dynamic Workload Console](#)
- [Table 7: HCL Workload Automation Docker Master domain manager](#)
- [Table 8: HCL Workload Automation for Z Docker Agent](#)
- [Table 9: HCL Workload Automation for Z Docker Console](#)

See [Table 10: Agent, Dynamic Workload Console and master domain manager container details](#) for details about the container runtime for the specified components.

See [Table 11: HCL Workload Automation for Z Docker Agent Container Details](#) for details about the container runtime for the HCL Workload Automation for Z agent.

**Table 5. HCL Workload Automation Docker Agent**

Included Components	Embedded Software
Dynamic Agent	HCL Workload Automation

**Table 6. HCL Workload Automation Docker Dynamic Workload Console**

Included Components	Embedded Software
Dynamic Workload Console	<ul style="list-style-type: none"> <li>• HCL Workload Automation</li> <li>• WebSphere Liberty 20.0.0.11</li> </ul>

**Table 7. HCL Workload Automation Docker Master domain manager**

Included Components	Embedded Software
Master domain manager	<ul style="list-style-type: none"> <li>• HCL Workload Automation</li> <li>• WebSphere Liberty 20.0.0.11</li> </ul>

**Table 8. HCL Workload Automation for Z Docker Agent**

Included Components	Embedded Software
HCL Workload Automation Agent	<ul style="list-style-type: none"> <li>• HCL Workload Automation</li> </ul>

**Table 9. HCL Workload Automation for Z Docker Console**

Included Components	Embedded Software
HCL Workload Automation Console	<ul style="list-style-type: none"> <li>• HCL Workload Automation</li> </ul>

**Table 10. Agent, Dynamic Workload Console and master domain manager container details**

Container Runtime	Version	Runtime Minimum	Notes
Docker	19.03 and future fix packs	19.03	(1)
Docker Compose	1.25 and future fix packs	1.25	(1)
Kubernetes	1.16 and future fix packs	1.16	(2)

**Table 10. Agent, Dynamic Workload Console and master domain manager container details (continued)**

Container Runtime	Version	Runtime Minimum	Notes
	1.17 and future fix packs	1.17	(2)
	1.18 and future fix packs	1.18	(2)
	1.19 and future fix packs	1.19	(2)
	1.20 and future fix packs	1.20	(2)
<b>Notes:</b> <ul style="list-style-type: none"> <li>• (1) Certified on Linux x86</li> <li>• (2) HCL Workload Automation supports the current Kubernetes versions on Azure AKS, Amazon EKS, and Google GKE. Support has been added in HCL Workload Automation, version 9.5.0.3.</li> </ul>			

**Table 11. HCL Workload Automation for Z 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

HCL Workload Automation provides the following OpenShift container package:

**Table 12. HCL Workload Automation components**

Included Components	Embedded Software
<ul style="list-style-type: none"> <li>• Dynamic Agent</li> <li>• Dynamic Workload Console</li> <li>• Master Domain Manager</li> </ul>	<ul style="list-style-type: none"> <li>• HCL Workload Automation 9.5.0.3</li> <li>• WebSphere Liberty 20.0.0.11</li> </ul>

**Table 13. OpenShift Container Details**

Container Runtime	Version	Runtime Minimum
OpenShift Container Platform	4.2 and future fix packs	4.2

**Table 13. OpenShift Container Details (continued)**

<b>Container Runtime</b>	<b>Version</b>	<b>Runtime Minimum</b>
OpenShift Container Platform	4.3 and future fix packs	4.3