


Install the Universal Agent

Related Pages:

- [Permissions for Running the Universal Agent](#)



This page provides an introduction to installing the Universal Agent in AppDynamics.

The AppDynamics Universal Agent runs on each app server machine where you want to deploy runtime agents. The first step in using the Universal Agent to manage your agent deployment, therefore, is installing the Universal Agent on the monitored machines.

When you are ready to install the Universal Agent, see the topic specific to your operating system:

- [Install the Universal Agent on Windows](#)
- [Install the Universal Agent on Linux](#)

Supported Environments and Requirements

The Universal Agent occupies about 20 MB of disk space. When you start the installation, the script first checks the system for sufficient space. Using the Universal Agent to add more runtime agents to your target machine later will require additional space.

The installation process installs the Universal Agent as an automatically started system service. Therefore, you need to install on the system as a user with sufficient privileges for this type of installation. On Linux, for example, you typically need to run the script as a user with sudo privileges. See [Permissions for Running the Universal Agent](#).

The Universal Agent can support the deployment and management of the following runtime agents:

- Standalone Machine Agent
- Java Agent
- .NET Agent (Windows only)
- Analytics Agent
- Network Agent (Linux only)

Supported environments and requirements for the runtime agents still apply even when the Universal Agent is managing them. For example, in 4.4, the Network Agent is only available on Linux. Be sure to review the requirements for each runtime agent.

Some Universal Agent features (such as automatic JVM attachment and dynamic rulebook value propagation) have additional requirements and limitations, which are discussed in separate topics.

The Universal Agent is available on the following Linux and Windows versions:

Windows

Installing the Universal Agent on Windows requires the Universal C Runtime. If it the Universal C Runtime is not installed on your Windows server you should install the [Update for Universal C Runtime in Windows](#).

AppDynamics supports the Universal Agent on:

- Windows Server 2008 SP2 and higher

Linux

Installing the Universal Agent on Linux requires the GNU C Library version 2.12, commonly known as glibc 2.12. The minimum versions of the common distributions that meet this requirement are:

- Ubuntu 11.04+
- CentOS 6+
- Red Hat Enterprise Linux 6+

Controller Connection Settings

The initial configuration for the Universal Agent specifies the Controller host, port, account name, and account key, so you will need to know the values to use before starting. These settings are equivalent to those used by other types of agent. You can find out more in the [Agent-to-Controller Connections](#) topic. Note that, on Linux, if you acquire the Universal Agent from the Controller, the settings are preconfigured.

Maintaining Universal Agents

After initial installation, you can update new versions of the Universal Agent itself using the Universal Agent rulebook. For more information, see [Universal Agent Rules](#).