



HP Server Automation Upgrade Service

Improve efficiency with the industry-leading server lifecycle configuration management solution.

Executive summary

Organizations today are constantly seeking to increase their agility. Toward that objective, many organizations have made HP Server Automation the cornerstone of their task automation platform.

HP Server Automation 10.0 software takes full server lifecycle management to a new level with dramatically improved capabilities in multi-vendor virtualization support, enterprise scalability, integrations with HP's leading cloud and automation solutions, and comprehensive patching and compliance functionality.

With its rich array of unique features, HP Server Automation presents compelling value for those organizations looking to increase time-to-value with a fully automated solution for managing the entire server estate—physical and virtual—from a single console.

Service overview

There are a variety of factors to consider when determining how best to approach an upgrade and which option is most suitable. Our Professional Services consultants have the experience and deep expertise to ensure that your implementation and upgrade efforts are successful.

Based on many person-years of experience in helping customers implement HP Server Automation, we offer a range of options for the most efficient upgrade to suit your unique requirements.

Direct upgrade

This is the most straightforward option, but results in the longest downtime. In this approach, the entire HP Server Automation mesh is taken offline and all servers are upgraded. The upgrade procedure seamlessly updates the database as well, and once complete, the mesh is brought back online.

The system will be down for the duration of the upgrade procedure and validation of the new environment.

This option is suitable for customers with relatively simple or small deployments (up to two cores), who can sustain lengthier outages. It is also suitable for customers wishing to run the upgrade themselves (as long as specific prerequisites are met).

Rolling upgrade

This option is suitable for customers with larger and more complex deployments, such as those with gateway servers or a multi-master configuration. This approach allows for a more flexible and gradual migration, allowing you to minimize disruption and eliminate downtime.

With this option, servers are split from the mesh and then upgraded one by one. A new mesh is defined as soon as the first server is upgraded, and any subsequent server is then added to the new mesh.

This is a lengthier process overall and requires preparation and planning, depending on the complexity of the system, change control procedures, and level of activity within the system. This option is not supported for customer self-upgrade, and requires the services of HP Software Professional Services.

Hardware refresh options

With both options, you can choose either to keep the same set of servers for an in-place upgrade or to deploy on a fresh set of servers. An in-place upgrade is the simpler, less expensive, and faster option. A fresh set, however, affords you the opportunity to refresh servers, update the operating system (e.g. from 32-bit to 64-bit), and resize and/or consolidate your servers.

Hardware refresh may also be done before or after the upgrade process by adding and decommissioning servers.

Versions prior to 9.x

The options described above are supported only for HP Server Automation 9.x. For earlier versions, two options are available:

- Perform a multi-step upgrade by first upgrading to version 9.x, and then upgrading to version 10.x.
- Perform a migration by installing a brand new mesh and manually migrating your data and configuration.

Benefits

Reduce risk and accelerate time to value

HP Software Professional Services consultants, trained by HP R&D and certified through our HP Software Education Services, possess deep product skills and have engaged with a large number of customers of all types and sizes. By helping you spend the least amount of time migrating to the latest HP Server Automation platform, we eliminate the burden on you to become an expert in the upgrade procedure before you can attempt to successfully execute it. The project begins and ends sooner, allowing you to reap the benefits of your investment earlier.

Embrace common methodology, processes, and practices

HP Software Professional Services consultants evaluate your organization's need and can extend the upgrade project to enable, configure, and integrate additional products including, but not limited to, HP Operations Orchestration, HP Cloud Service Automation, HP Universal CMDB, or to mature your capabilities with HP Server Automation.

Choosing the right upgrade path

There are many factors affecting the scope of and approach to the upgrade, such as deployment scale and complexity or the extent of customizations and integrations. HP will assist you in choosing the option that best suits your needs.

Pre-upgrade questionnaire

HP will provide you with a questionnaire to determine the most suitable upgrade options. If your environment and business requirements meet the prerequisites for a direct upgrade, you may perform the upgrade yourself or HP can provide you with assistance.

Upgrade scope assessment

If your environment and business requirements are more complex, HP will require further scoping to provide you with an accurate estimate. The upgrade assessment is a one-week, fixed-price engagement designed to:

- Review upgrade options and impacts in greater detail
- Draft the technical upgrade procedures
- Document upgrade risks and constraints
- Provide a project plan for the upgrade

Zero Downtime Upgrade

The Zero Downtime Upgrade (ZDU) is a unique process developed by HP Software Professional Services and vetted by HP Software R&D. This valuable HP intellectual property is at the heart of the rolling upgrade option and ensures that your system will continue to operate throughout the upgrade process.

The HP Software Professional Services difference

HP provides unmatched capabilities with a comprehensive set of cloud & automation consulting and implementation services and unique intellectual property that help you deliver high quality applications faster and accelerate innovation.

- Proven HP Server Automation solution implementation expertise
- More than 20 years of experience helping large, complex, global organizations realize value from their HP Software investments

- Rich intellectual property and unparalleled reach into product engineering
- Technology-agnostic implementation approach with no vendor lock-in, no rip-and-replace
- Education and support services to ensure adoption

Only HP Software Professional Services brings together consulting expertise and the industry-leading IT Performance Suite software to help you perform better.

For more information

Contact your HP representative or email HP Software Professional Services in your region.

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