UNIX Migration Design and Planning Service
HP Packaged Consulting Services

The UNIX® Migration Design and Planning Service is a discovery, analysis, and planning service for migration from an existing UNIX environment to an HP target platform. Results from this service will form the basis for executing the follow-on migration implementation.

The UNIX Migration Design and Planning Service covers the following areas:

- **Application server migration catalogue discovery/analysis and planning**
  - Application server catalogue collection and review
  - Current-state to end-state application server mapping
  - Migration strategy planning, options, and migration tool analysis
  - Development of end-state application server reference stack mapping (middleware)
- **Target platform infrastructure and platform definition**
  - Application/server mapping and layout, either virtual or physical
  - Network and storage layout
  - Platform manageability infrastructure definition—management, provisioning, automation, and monitoring that is high level and conceptual
- **Application server migration roadmap**
  - Migration and analysis tool recommendation
  - High-level risk assessment
  - Migration path and high-level plan
  - High-level migration program planning
  - Program timeline phases and dashboard
  - High-level resource plan

**Service benefits**

- This service helps you to understand and rationalize what is required to migrate your applications and databases to a sustainable infrastructure and operating platform.
- The engagement will establish high-level migration processes, feasibility, and timelines for your application environment and provide you with valuable related information on industry best practices and standards.
- The deliverables can be used as the basis for executing the follow-on migration implementation.

**Service feature highlights**

- Pre-workshop checklist/data input
- Server discovery
- Application migration planning: infrastructure and data discovery
- Application migration planning: infrastructure and access planning
- Application migration planning: customer application source code review
- Server-related deliverables: inventory of applications
- Server-related deliverables: inventory of databases
- Application migration-related deliverables: dependency mapping document
- Application migration-related deliverables: move group document
- Application migration-related deliverables: target mapping document
- Project management
- Delivery of results

This data sheet is governed by HP's current standard sales terms or, if applicable, the Customer's purchase agreement with HP.
Specifications

Table 1. Service features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Delivery specifications</th>
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<tr>
<td>Pre-workshop checklist/data input</td>
<td>Prior to conducting any onsite customer workshops, HP will request the following information from the Customer, if it has not already been received through previous engagements: a list of all server models, applications, and utilization profiles for all in-scope inventory; a list of applications prioritized from most critical to least critical; a list of all virtual servers and their corresponding applications and utilization profiles; and a list of all applications and their dependency software/services. HP may provide the Customer with questionnaires and/or templates to assist with the data collection process, and will be available via telephone and email to provide assistance with any questions or issues that the Customer may encounter.</td>
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<td>Server discovery</td>
<td>Through the use of Customer staff interviews and a review of existing application/server documentation, HP will create an inventory of the software and hardware present in the Customer’s target environment. HP will work with the Customer’s staff to refine the data gathering and analysis of the existing server inventory, and will consolidate the collected data for use in determining migration strategies.</td>
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<td>Application migration planning: Infrastructure and data discovery</td>
<td>HP will work closely with the Customer to understand their environment’s current state and the anticipated requirements for relevant source and target data storage consideration criteria. The findings will be analyzed and leveraged as a basis for further activities. HP will receive the majority of the data collection through interviews with the Customer’s staff. HP will work with the Customer to collect the necessary information for mapping dependencies within the environment. HP will utilize toolkits (if applicable) to access the required source code changes to custom applications and document those with scope estimates. HP will also conduct interviews with application business owners to understand and document how the applications are used in the Customer’s business operations and the impact those requirements will have on a migration schedule.</td>
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<td>Application migration planning: Infrastructure access and planning</td>
<td>Based on the information collected during the data migration discovery process, HP will identify the viable methodologies for migrating application data and database stores, and identify the appropriate methodology for each based on business requirements, technology fit, and a high-level cost-benefit analysis.</td>
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<td>Application migration planning: Customer application source code review</td>
<td>HP will utilize HP developed tools to review the source code for the in-scope custom applications that the Customer expects to move as part of the migration.</td>
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<td>Server-related deliverables: Inventory of applications</td>
<td>HP will produce an inventory of applications document for the Customer as part of the server discovery process. The inventory of applications in the Customer’s environment will include information about the application version, category of usage, server location, and data needs.</td>
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<td>Server-related deliverables: Inventory of servers</td>
<td>HP will produce an inventory of servers document for the Customer as part of the server discovery process. The detailed inventory of servers in the Customer’s environment will include associated applications, hardware configuration, capacity, server age, server warranty information, and utilization information.</td>
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<td>Server-related deliverables: Inventory of databases</td>
<td>HP will produce an inventory of databases document for the Customer as part of the server discovery process. An inventory of databases in the Customer’s environment will include their versions, sizes, configuration, activity, and server location.</td>
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<td>Application migration-related deliverables: Dependency mapping document</td>
<td>HP will produce a dependency mapping document for the Customer as part of the application migration planning process. The mapping document will outline the dependencies between applications, databases, servers, and other supporting infrastructure.</td>
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<td>Application migration-related deliverables: Move group document</td>
<td>HP will produce a move group document for the Customer as part of the application migration planning process. The move group document will outline the suggested move groups for an eventual migration and will consider business needs and dependencies to determine the order in which components of the environment will be migrated to the target environment.</td>
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<td>Application migration-related deliverables: Migration blueprint</td>
<td>HP will produce a migration blueprint document for the Customer as part of the application migration planning process. This blueprint will be a high-level plan for implementation of the new infrastructure and migration of the necessary applications and associated data to the new environment. This will include program timeline phases and dashboard, as well as a high-level resource plan.</td>
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<td>Application migration-related deliverables: Target mapping document</td>
<td>HP will produce a target mapping document for the Customer as part of the application migration planning process. This document will outline the location where the target server platform and application, as well as its associated data, will be migrated.</td>
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<td>Project management</td>
<td>HP will provide a project manager to manage the HP scope of work. Responsibilities will include managing formal requests for change, conducting status meetings, and preparing status reports.</td>
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<td>Delivery of results</td>
<td>All the deliverables will be presented in the form of Microsoft® Word documents, which will require sign-off by the Customer for scope and accuracy, as they will form the basis for any follow-on implementation service.</td>
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Service limitations

The UNIX Migration Design and Planning Service is for customers with a UNIX environment and which have the HP infrastructure target options in scope of an HP-UX, a Microsoft, or a Linux environment.

The UNIX Migration Design and Planning Service is available in three versions—small scale, medium scale, and large scale—depending on size of environment being assessed.

The scale of required service will depend on the size of the Customer’s environment and therefore the number of units within the scope of the migration. One unit will equal one custom application, one database, one infrastructure component, or one COTS application.

The small-scale service is for environments that:

• Have up to five units within the UNIX environment being assessed
• Are utilizing up to 40 hours of consultancy time over a one- to three-week period, with the service being delivered onsite and/or remotely

The medium-scale service is for environments that:

• Have between 6 and 15 units within the UNIX environment being assessed
• Are utilizing up to 220 hours of consultancy time over a six- to eight-week period, with the service being delivered onsite and/or remotely

The large-scale service is for environments that:

• Have more than 15 units within the environment being assessed

Because the large-scale service is for larger environments, HP will create a specific Statement of Work to reflect the Customer’s exact needs.

The service does not include a migration pilot, but this can be requested from HP as an additional service.

Customer responsibilities

The Customer will:

• Assign a project sponsor who will:
  – Be available to HP personnel throughout the life of the project
  – Act as an escalation point when conflicts cannot be resolved by the project manager
• Assign a project manager who is:
  – Responsible for all client aspects of this project
  – Authorized to make all decisions relative to the project, including identification and assignment of client resources
  – Available to HP consulting personnel throughout the project’s lifecycle
  – Is authorized to sign status reports, approve consultant hours, and approve project changes
  – Able to coordinate all interviews or meeting schedules
  – Responsible for acceptance of deliverables and can verify compliance of each deliverable with the acceptance criteria, as defined
  – Authorized to approve project changes
• Deliver relevant documentation on or before the kickoff date, as well as identify and coordinate key Customer resources and assets, including staff targeted for interviews, required throughout the duration of the service; relevant documentation required before the first workshop includes a:
  – List of all server models, applications, and utilization profiles for all in-scope inventory
  – List of applications prioritized from most critical to least critical
  – List of all virtual servers and their corresponding applications and utilization profiles
• Provide infrastructure and application subject matter experts (SMEs) for each infrastructure group’s business domain (up to 8 hours per week) in the scope of this project during the discovery and other phases, as required
• Provide input for developing the target architecture by forwarding all information on technology standards to HP prior to the architecture being developed; all standards for deployment and process will be taken into consideration in the final deliverable
• Provide infrastructure lifecycle information to enable the development of a high-level migration timeline that is realistic, feasible, and sensitive to business application development and the infrastructure environment
• Provide HP with copies of all in-scope source code and application information
• Review a ‘draft’ report provided by HP prior to finalization of all documents and provide feedback to HP in a timely manner should the document format not meet their needs
• Provide HP with the necessary access to Customer building facilities, computer room facilities, and access credentials for login into all servers, databases, and services for the migration, as required
• Provide a suitable work and meeting area commensurate with the number of onsite HP consultants and Customer SMEs assigned to the analysis, including desks, chairs, telephones, and Internet/HP network access through a virtual private network (VPN)
• Purchase or provide all hardware, software, licenses, staff, current maintenance contracts, and environments necessary for HP to deliver the service

If a migration pilot is required, the Customer will be expected to:
• Provide all hardware and software necessary to support the pilot environment
• Provide the personnel to set up and configure the pilot environment based on the specification provided by HP
• Provide only nonproduction application and database instances for testing the migration process

General provisions/Other exclusions

The assumption will be that all documents from the Customer will be delivered in Microsoft Excel format.

All servers and operating systems are currently under a manufacturer’s warranty program for support. Any systems (known) not to be under a support contract will be documented as high risk for changes and modifications.

Recommendations will be developed primarily from information and data provided by the Customer and HP subject domain matter experts.

HP assumes that all information provided by the Customer is accurate.

HP will collaborate with the Customer to determine acceptable estimates for any information that is not available. Estimates are typically based on industry research data and will be documented in the analysis.

HP expects the Customer to collect the information necessary to create the deliverables during the staff interviews. Should the Customer not provide the required information; HP will log in to the required systems to gather the information.

HP will not access or document any application that the Customer considers to be end of life and therefore to be retired.

Travel charges may apply; please consult your local office.

The following exclusions apply to this service:
• Any analysis to access or intrusively examine the Customer’s applications or install any tools to discover inventory, application architectures, or dependencies
• Any migration to the planned future-state architecture
• Unsupported commercial applications
• Migration scenarios beyond those developed as part of the engagement
• Any legacy system or application not designated to migrate to Linux, HP-UX, or Microsoft systems
• Any applications that are currently outsourced or provided to the Customer in a software-as-a-service hosted model

Ordering information

Availability of service features and service levels may vary according to local resources and may be restricted to eligible products and geographic locations. To obtain further information or to order the UNIX Migration Design and Planning Service data sheet, contact a local HP sales representative and reference the following product number:
• H2S91A1 (1X) / H6K72A1 (4U) (small-scale—Level 1 service)
• H2S92A1 (1X) / H6K73A1 (4U) (medium-scale—Level 2 service)
• HK411A1#008 (1X) / HK411A1#011 (4U) (large-scale—Level 3 service)
Depending on the point of purchase and the requested service-level option, other product numbers may apply. Please consult a local HP representative or HP reseller regarding which product number will best meet your specific needs.

For more information
For more information on HP Packaged Consulting Services, contact any of our worldwide sales offices or resellers or visit our website at:
www.hp.com/services/consulting
www.hp.com/services/support