

Linux and Open Source Databases Migration to Azure



Overview



什麼是 Linux and Open Source Databases Migration to Azure ?

- 提供探索及評估 Linux VM、公開應用程式相依性、提供虛擬機器大小調整建議，以及大規模移轉您的工作負載。
- 同時使用 Azure 資料庫移轉服務是一個完全受控的服務，其設計目的是能夠從多個資料庫來源無縫移轉到 Azure 資料平台，將停機時間降到最低。

Linux and Open Source Databases Migration to Azure 的好處

- 提供 Azure 的簡化移轉、現代化和優化服務。基礎結構、資料和應用程式包含所有預先移轉步驟，例如探索、評量和正確調整內部部署資源的大小。
- 提供客戶全方位、高可用性的解決方案。此服務會使用 Data Migration Assistant 來產生評量報告，以提供建議，以引導您在移轉之前完成必要的變更。

解決什麼挑戰

將Linux and Open Source Databases工作負載遷移至 Azure 可能是複雜且具挑戰性的專案。為移轉做好準備有助於推動成功，並減少專案的複雜度。

透過使用Linux and Open Source Databases Migration來規劃移轉。會探索和評量其現有環境，目標是要移轉至 Azure。

Azure Migrate



跨 Azure 和流行的 ISV 評估和遷移工具的可擴展方法。

統一遷移平台



跨遷移所有階段的集成體驗，以及服務器和數據庫遷移的端到端進度跟踪。

工具範圍



評估和遷移大型 VMware、Hyper-V 和物理服務器以及多個數據庫目標，包括 Azure SQL 數據庫和託管實例。

評估和遷移



將 Web 應用程序和離線數據從本地遷移到 Azure 的多種選擇。

關鍵遷移方案



Windows and Linux

VMware, Hyper-V,
Physical, Other Clouds



Virtual Desktop



SQL and other databases



Web apps



Data

整合工具

整合發現、評估和遷移功能

Tool	Assess/Migrate	Details
Azure Migrate: Server Assessment	Assess servers	Discover and assess on-prem VMware VMs, Hyper-V VMs, and physical servers
Azure Migrate: Server Migration	Migrate servers	Migrate VMware VMs, Hyper-V VMs, physical servers, as well as other virtualized machines, and public cloud VMs, to Azure.
Database Migration Assistant (DMA)		
Database Migration Service (DMS)		







ISV Integration

Powered by Microsoft and extensible with ISV partner tools

Select assessment tool | Select migration tool | Review + add tool(s)

AllScripts123 will be used to store discovery, assessment and migration metadata reported by the on-premises environment. If you want to use a different migrate project to add tool to go to "Servers", select the migrate project and click on "+Assessment tool" or "+Migration tool" to add assessment or migration tools respectively. [Learn more](#)

Start by choosing a server discovery and assessment tool. We recommend that you discover and assess your datacenter to determine migration readiness.

Tool	Pricing	Supported Workloads	Features	Learn more
 Cloudamize: Cloud Assessment	View	VMware and Hyper-V virtual machines Physical machines Workloads on other public clouds	Agentless or agent-based discovery Cost planning and optimal right sizing Application dependency analysis Cloud migration planning	Learn more
 Corent Tech: SurPaaS MaaS	View	VMware and Hyper-V virtual machines Physical machines Workloads on other public clouds	Agentless or agent-based discovery Cost planning and optimal right sizing Application dependency analysis Cloud migration planning	Learn more
 Device42: Device42	View	VMware and Hyper-V virtual machines Physical machines Workloads on other public clouds	Agentless discovery Cost planning and optimal right sizing Application dependency analysis Application workload grouping	Learn more
 Turbonomic: Turbonomic	View	VMware and Hyper-V virtual machines Physical machines Workloads on other public clouds	Agentless discovery Cost planning and optimal right sizing Application dependency analysis Cloud migration planning	Learn more
 UnifyCloud: CloudRecon	View	VMware and Hyper-V virtual machines Physical machines Workloads on other public clouds	Agentless or agent-based discovery Cost planning and optimal right sizing Application dependency analysis Cloud migration planning	Learn more
 Movere: Movere	View	VMware, Hyper-V and Xen virtual machines Physical machines Workstations (including VDI)	Agentless or agent-based discovery Cost planning and optimal right sizing Application dependency analysis	Learn more




Assessment Tools

Migration Tools

Select assessment tool | Select migration tool | Review + add tool(s)

AllScripts123 will be used to store discovery, assessment and migration metadata reported by the on-premises environment. If you want to use a different migrate project to add tool(s), go to "Servers", select the migrate project and click on "+Assessment tool" or "+Migration tool" to add assessment or migration tools respectively. [Learn more](#)

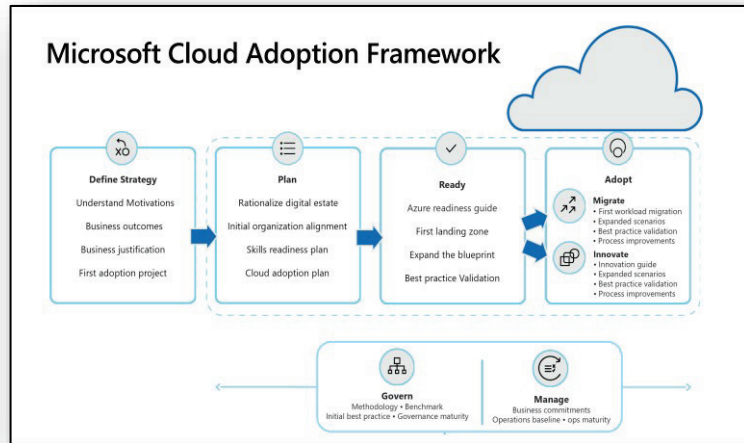
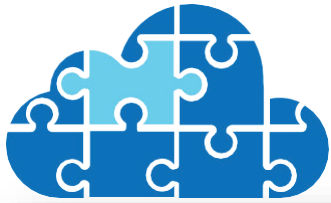
Choose a tool to migrate your on-premises servers to Azure.

Tool	Pricing	Supported Workloads	Features	Learn more
 Carbonite: Carbonite Migrate	View	VMware and Hyper-V virtual machines Physical machines Migration from other public clouds	Supports Windows and Linux Agent-based migration Cutover in seconds Minimal application downtime	Learn more
 Corent Tech: SurPaaS MaaS	View	VMware and Hyper-V virtual machines Physical machines Migration from other public clouds	Supports Windows, Linux, Unix Agent-based migration Cutover in seconds Minimal application downtime	Learn more
 RackWare: Cloud Migration	View	VMware, Hyper-V, Xen and KVM virtual machines Physical machines Migration from other public clouds	Supports Windows and Linux Agentless migration Cutover in seconds Minimal application downtime	Learn more

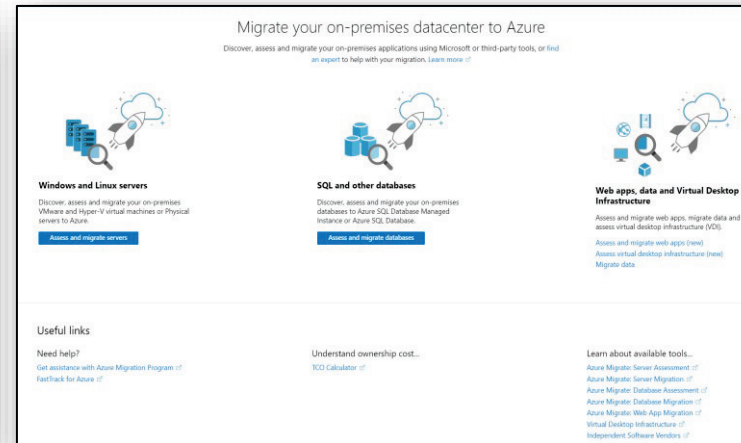
Note: Visit the ISV tool's website to learn more about tool capabilities.
Don't see a tool that you are looking for? We are continuously adding support for more ISV tools. [Learn more](#)

Skip adding a migration tool for now

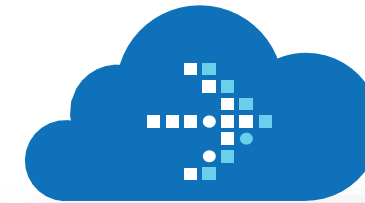
Azure Migration—process, product, and program



Microsoft Cloud Adoption Framework



Azure Migrate



Join the Azure Migration Program

Begin your migration journey by submitting an application to join the program. We'll get back to you with the right combination of resources for your needs.

Customers | Partners | Microsoft account teams

Organizations of all sizes can apply to get help on their migration projects.

First name: Last name:

Phone: Email:

Country/Region: Company name:

How many on-premises virtual machines or servers are you planning to migrate?

How many on-premises database instances are you planning to migrate?

Note: A database instance is one database engine which may contain multiple databases.

Do you already have an Azure subscription? Yes No

What is the Azure Migration Program?

- Curated, step-by-step guidance** from Microsoft experts and specialized migration partners based on the proven Microsoft Cloud Adoption Framework for Azure.
- Technical skill building** with foundational and role-specific courses to develop new Azure skills and long-term organizational readiness.
- Free Azure migration tools**, including Azure Migrate to assess and migrate workloads, and free Azure Cost Management to optimize costs.
- Offers to reduce migration costs**, including Azure Hybrid Benefit and free Extended Security Updates for Windows Server and SQL Server 2008.

Azure Migration Program

