

# SQL Server Mobility Service



Nutanix Enterprise Cloud Platform is an ideal choice for business-critical applications. The advantages it provides in terms of high availability, resiliency, and flexibility are a compelling value propositions for customers running Microsoft SQL Server, but migrating a large number of Microsoft SQL Server instances can be a challenging process.

First, you need to minimize the time that important database applications are offline. For databases that have been around for a long time, you'd naturally like to bring the configuration up to date to conform to the latest best practices, but that adds time and complexity. And in any multi-step manual process the chances of user error are high, potentially putting critical business data at risk.

The SQL Server Mobility Service is a fully automated software package from Nutanix that eliminates these challenges, ensuring your SQL Server applications deliver optimal performance and ease-of-management on the Nutanix platform. The SQL Server Mobility Service:

- Discovers every SQL Server instance to help you better understand your environment
- Migrates and optimizes SQL Server instances in accordance with Nutanix best practices
- Minimizes downtime and provides full control over cutover
- Eliminates the chance of user error and inconsistency
- Migrates from the SQL Server version on the source to the same SQL Server version running on Nutanix
- Supports SQL Server 2008 R2 through SQL Server 2016

Overall progress	
<div style="width: 100%;"><div style="width: 100%;"></div></div> 100%	
Project name	jeremy test 3
Scan name	scan_1492705479513
Cluster	alana
IP Address	10.4.88.41
Container	bruno-sql
Total VMs	2

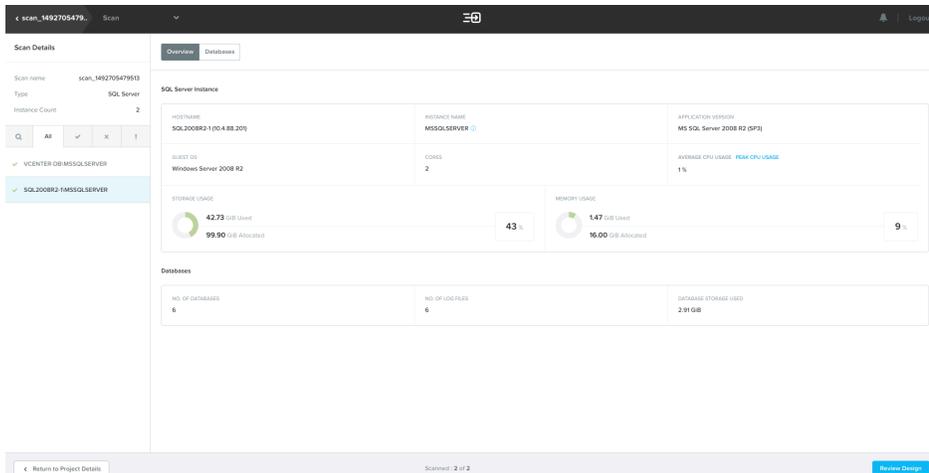
## CLEAN SLATE MIGRATION

Almost any time you deploy an application, there are things you would do differently if you had a chance to do it over. Unfortunately, traditional migration tools simply migrate your existing design and architecture as is.

The Nutanix SQL Server Mobility Service starts from a clean slate, eliminating the carryover of past design and implementation choices, while allowing you to migrate SQL Server instances from any source—including bare metal, virtualized, or a public cloud such as Amazon Web Services—to VMware vSphere running on the Nutanix platform.

## OPTIMIZED USING NUTANIX BEST PRACTICES

As part of the migration, your SQL Server applications are automatically deployed according to Nutanix best practices for SQL Server, delivering an optimal application implementation on the Nutanix platform. Best practices for performance, reliability, and manageability are implemented at an application level, including adding additional drives and re-balancing data as needed.

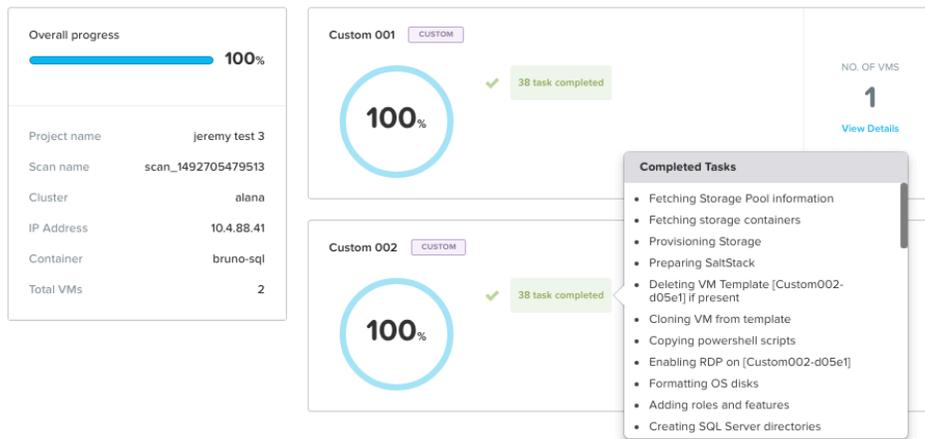


### NEED ASSISTANCE?

Nutanix Consulting Services offers a full portfolio of professional services to meet your needs: <https://www.nutanix.com/services>

### AUTOMATED FOR CONSISTENCY

The SQL Server Mobility Service uses automated processes to ensure migrations are performed consistently while eliminating the chance of operator error. This is extremely valuable when you have tens or even hundreds of databases to migrate.



### FAST CUTOVER

The cutover window from your old SQL Server instance to the new deployment on Nutanix is extremely short, allowing you to accomplish the migration while maintaining SLAs. For business-critical production databases, you have full control over when the cutover occurs, and you can easily stage and test a pre-production instance in preparation for a final cutover. Roll back to the old server is also easy to do if needed for any reason.

### GETTING STARTED

To find out more about the benefits of Nutanix SQL Server Mobility Service and how to get started visit: <https://www.nutanix.com/solutions/enterprise-applications/microsoft-sql-server/>

Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. The Nutanix enterprise cloud platform leverages web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution with rich machine intelligence. The result is predictable performance, cloud-like infrastructure consumption, robust security, and seamless application mobility for a broad range of enterprise applications. Learn more at [www.nutanix.com](http://www.nutanix.com) or follow us on Twitter @nutanix.

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