



Top 5 Tips for Your Migration to SAP S/4 HANA

SAP data and processes are deeply embedded in the fabric of the business making any move to a hybrid infrastructure a high-stakes proposition. The following insights have assisted achieving smooth migrations, while minimizing risk to SAP S/4 HANA during successful engagements with our clients.

1

Think beyond your CMDB

Your configuration management database (CMDB) probably houses a sizable amount of data, but the trustworthiness of the data is the critical factor for SAP migrations — not the volume. For example: do you know how well your CMDB documents the internal and external connection points critical to your SAP environment? Before making the move to the cloud, identify all the relevant dependencies in your environment, within and beyond the enterprise. This provides confidence key systems will share the right data and key capabilities will perform the way you need.

How CloudSphere can help

Our solutions document your entire SAP service profile to help you understand internal and external dependencies and how migration would affect them. We compare your existing environment to your target platform to identify variation in versions and software instances. By documenting the full scope of your SAP environment and all of the complementary technology, systems, and infrastructure (including backup and data recovery components), we develop a more workable plan for your transition to the cloud.



2

Bring your rogue IT out of the shadows

Speaking of your CMDB, it's primarily a resource for tracking the IT assets you already know about. But a significant portion of an enterprise's IT spending goes to "shadow IT" – unsanctioned and unmonitored applications and infrastructure. How significant? Gartner estimates that as much as 30 to 40 percent of all IT spending is on shadow IT. Just because this technology has fallen outside of IT's control doesn't mean that it's not essential to your SAP environment. You need a clear understanding of all your assets to ensure a successful migration.

How CloudSphere can help

We can help you find and map the entire topology of your IT estate, including SAP platforms, databases and operating systems (whether sanctioned or shadow IT investments) showing how all elements are connected through a baseline inventory of all your systems and services. Our solution uncovers any unknown connections and dependencies that can complicate your migration, in addition to rogue IT (such as the proverbial server hiding under someone's desk) that you need to identify for a smooth and successful transition.

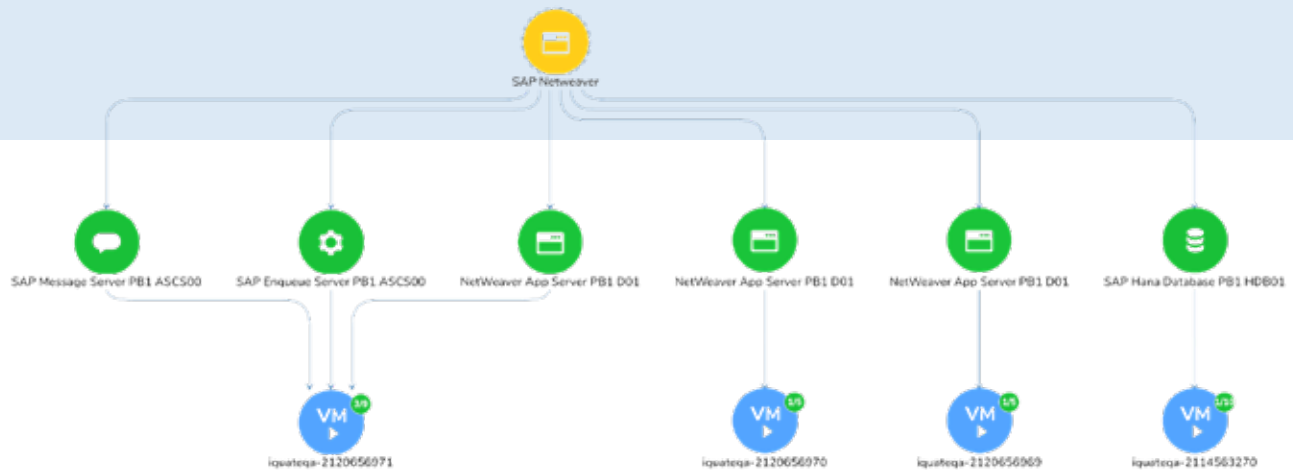
3

Treat design documents like historical snapshots, not current roadmaps

The design documents developed years or even decades earlier may not prove as reliable as you need them to be for your SAP migration project. Everyone knows how quickly technology changes and processes evolve. Yesterday's best practice is today's business-as-usual. Most migration projects play out over months—sometimes years—across multiple phases. Systematically tracking and documenting design changes along the way isn't always a top priority.

How CloudSphere can help

As our solution maps out your SAP footprint, we discover elements such as OS versions, including data volumes, server, CPU, platform OS versions, memory, and databases to provide the historical context you need for a smoother migration. As you continue to run iQCloud, you'll maintain an up-to-date picture of your environment and simplify future migration steps.



4

Recognize on-premises and cloud deployments as different things

Many organizations assume that the hardware and technical specifications for their on-premises environment should be mirrored in their cloud deployment. This isn't always the case – and a cloud deployment may not require the same baseline of computing power. Remember that the advantage of the cloud is having the on-demand “burstability” and scalability to accommodate spikes in resource demand. One of the primary business drivers of a move to the cloud is cost savings, so be wary of paying for more resources than you need most of the time.

How CloudSphere can help

We understand that you have compelling business reasons for your move to the cloud, so we help you right-size the required infrastructure for your SAP deployment. We identify the non-utilized software and compute components, which allows you to decommission the elements you don't need—helping you contain costs and avoid overprovisioning, or not. Not only can this increase the cost of a migration, it can also stretch out the project timeline and delay the switchover.

5

Let business context be your guide

Conventional discovery-and service-mapping solutions tend to take a bottom-up approach. When identifying business services and their dependencies, they begin with the details—not the big picture. As a result, they tend to document everything in the enterprise computing environment, whether it's relevant to the migration project or not. Not only can this increase the cost of a migration, it can also stretch out the project timeline and delay the switchover.



How CloudSphere can help

Our solution starts with the business context. We identify “first movers” based on service dependencies, size, shared infrastructure, services, and cloud compatibility. In other words, we zero in on the resources and infrastructure that are relevant, so we’re able to dramatically shorten a migration timeline. By doing so, we minimize downtime and outages during the migration process and ultimately reduce the risk to ongoing business.

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