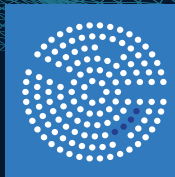


Ntegra

THE NTEGRA CHECKLIST FOR DATA CENTRE MIGRATION

At Ntegra, we understand that these projects can be difficult to conduct and that is why we believe that it is important to for your change programme to follow the steps below to ensure that your migration project is a success with minimal disruption to your business.



PREPARATION

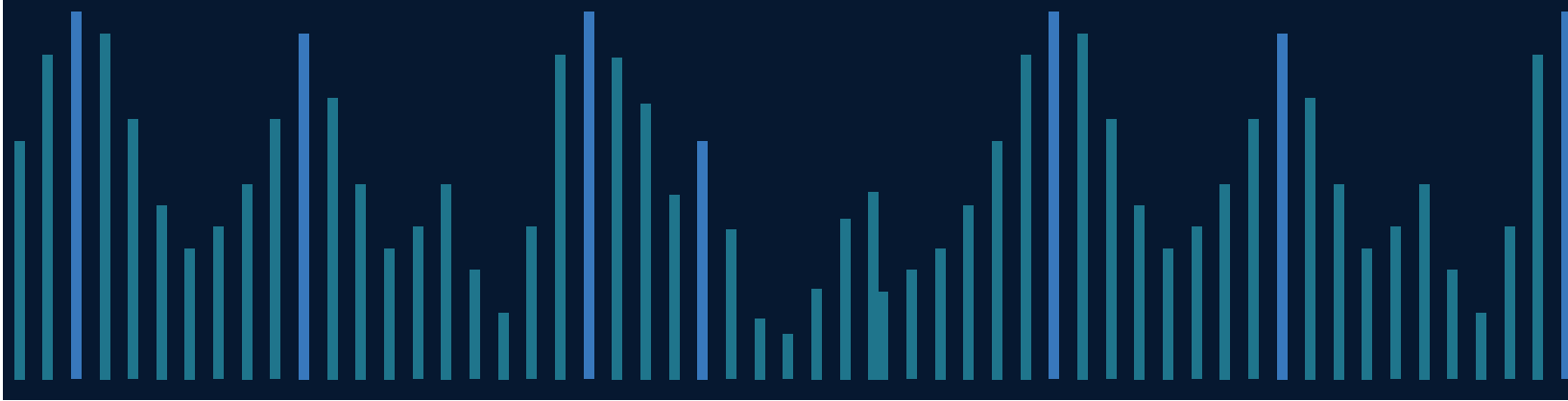
- Carefully define your business reasons for the migration. While some migrations benefit from a clear need such as the end of lease or relocation, some are less clear and may have intangible or conflicting stakeholder needs. To ensure success you'll need clear alignment and buy in from all stakeholders
- Who are the people who will benefit the most from this migration? Remember to think of your key stakeholders, think outside of the IT department, what about Networks and Property? What about business users? Involve them in the process.
- How critical is the programme, and how much risk can you tolerate? Set guiding principles and stick to them – for example. Are you going to fix operational issues in flight, or religiously migrate as is?
- Resources – do your project and operations teams have the capacity to support the migration? How will they interact with the programme?



DATA

GAIN AN UNDERSTANDING OF YOUR CURRENT ENVIRONMENT AND ENSURE YOU CAN PLAN WITH UP-TO-DATE AND ACCURATE INFORMATION.

- Audit your IT assets, bottom up from the Datacentre and Infrastructure level.
- Audit your IT assets, top down. What business services and applications do you use and how do these relate to Infrastructure assets? Map the dependencies, and then find the relevant business and IT owners.
- Look for current performance or stability issues that might impair change.
- Network components – do your systems traverse a complicated enterprise network? Can you articulate logical data flows in order to deliver connectivity against new network topologies?
- Non-Functional needs (NFR's) – what are your service levels, Recovery Time Objectives and Recovery Point Objectives? What Highly Available and Disaster Recovery solutions are in place? Can you leverage these for migration purposes?
- What IT Operations and monitoring systems are in use? Can these help uncover and maintain this data? Do they need to be updated with changes enacted?

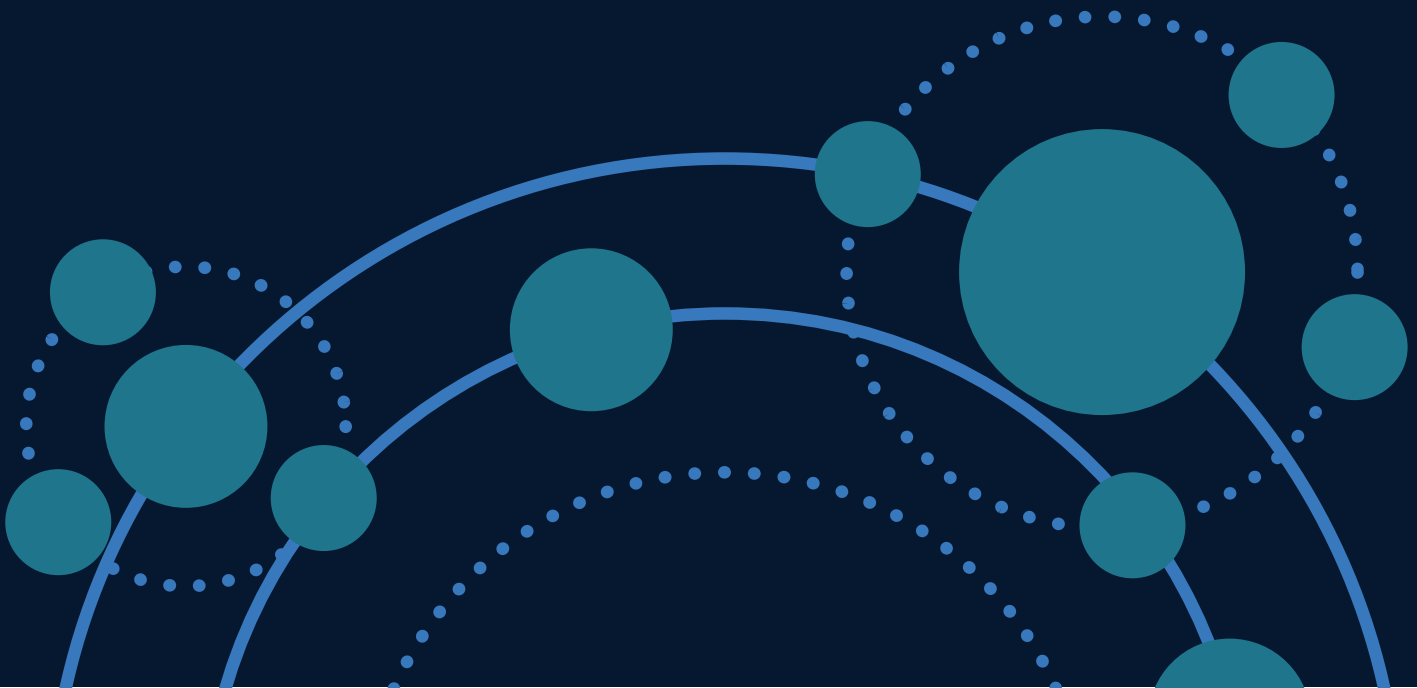


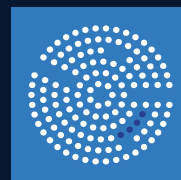


CAPABILITY

DEFINE THE ARCHITECTURE, OPERATIONS AND HOSTING MODEL FOR THE NEW DATA CENTRE.

- Does your standard infrastructure catalogue need to be updated to exploit new capabilities?
- Does your provisioning and build processes need to be updated? (Is this a good time to adopt Software Defined Infrastructure?)
- Are IT Operations ready to take on the new location? Does their tooling extend to the new location?
- Can the network be extended – layer 2 – to preserve IP addresses? This convenience comes with risk and your network team may not permit it. You may need to plan brand new connectivity!
- Are you going to deploy some shared hosting infrastructure to create capacity ahead of the migrations? Make sure you agree who pays for this, and when!
- Can your new DC rack standards accommodate unusual form factors if you need lift and shift?

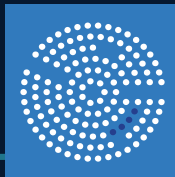




PLANNING & EXECUTION

CONSIDER CREATING A BACKLOG OF MIGRATION SPRINTS SO YOU DON'T HAVE TO BOIL THE OCEAN. START WITH SOME LOW HANGING FRUIT TO SMOKE TEST THE RECEIVING DATA CENTRE AND APPROACH.

- Keep communication open between the teams – ensure the business, change management and operations are full engaged.
- Remember to verify and test everything. Expect the unexpected!
- When were the systems last rebooted? – Check you can restart the application before attempting migration.
- Can you secure generous outage windows – If outages are permissible at all?
- Ensure hardware warranties and support contracts are in place before you migrate. Ensure your 3rd party vendors are aware. Should you elevate your support contracts for the programme duration? Do you know how to invoke callout and are your support teams in a state of readiness?
- Will software licenses work on new infrastructure if you are replatforming? Do you need temporary licenses for the migration?
- How detailed are your migration plans? Can your migration lead handle deviation and do you know your roll-back points?
- How are you going to test? Can your business support out of hours testing? Can you generate volume out of hours?



REVIEW

Aside from your usual retro or lessons learnt exercise, consider what other tangible benefits you have helped deliver.

- What operational issues did you uncover? Were they fixed?
- Have you kept up-to-date data? Is your CMDB in a better place now?
- Did you uncover previously unknown dependencies or critical use-cases, or discover some systems aren't needed?

To talk to us about how we can support your legacy estate transformation get in touch with:

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